APPENDIX J: Chuckanut Foothills Sub-basin Report

WHATCOM COUNTY FISH PASSAGE ASSESSMENT SUB-BASIN REPORT
CHUCKANUT FOOTHILLS SUB-BASIN

Description of Sub-basin

The Chuckanut Foothills Sub-basin includes all of the independent drainages that flow from the sandstone foothills surrounding the city of Bellingham to Bellingham Bay (Figures 1-3). These include Squallicum Creek, Whatcom Creek, Padden Creek, and Chuckanut Creek.

The primary land use on the steep forested hillsides surrounding Bellingham is commercial logging, and recreational biking and hiking. Urban, suburban, and scattered rural residential activities dominate the lowland areas. Land use jurisdiction is split among Whatcom County, the State Department of Natural Resources, and Washington State Parks in the Chuckanut foothills south and east of Bellingham; and between Whatcom County and the city of Bellingham in the low-lying areas (Whatcom County, 1997).

Squallicum Creek

Squallicum Creek drains the northern slope of Squallicum Mountain and the northern areas of Bellingham east of Guide Meridian Road (Figure 1). Squallicum Creek originates in the peat deposits around Squallicum Lake, and flows west along the toe of Squallicum Mountain to the Dewey Valley, a broad glacial outwash channel. In Dewey Valley, Squallicum Creek flows through a series of excavated lakes before entering a confined urbanized reach that discharges to an industrial waterway at Bellingham Bay. East of Hannegan Road, channel substrate is comprised of sand and sandy gravel and streamside vegetation is mixed hardwood and conifer forest interspersed with residential clearing. West of Hannegan, the stream becomes increasingly constrained by urban development and roadways. Substrate is sand and sandy gravel and streamside vegetation is a narrow band of deciduous forest and thickets of blackberry and native shrubs. Fish use is primarily coho salmon, and cutthroat and steelhead trout. The lower reaches are also utilized by chum salmon (Whatcom County, 1994, NWIFC, 2003). Fish passage barriers within the urbanized reach have been assessed by Washington Department of Fish and Wildlife (WDFW) field crews and are included in this report.

McCormick Creek originates in rural pastures and woodlots scattered across the glacial till uplands north of Squallicum Mountain. Tributary streams flow westward off the glacial till uplands to the Dewey Valley where they join together and flow to Squallicum Creek. Substrate consists of pockets of gravel and cobble separated by sections of sandy gravel and sand in pools. Streamside vegetation is fragmented deciduous/conifer forest and pasture. Fish use is mainly coho salmon and cutthroat trout (Whatcom County, 1994, NWIFC, 2003).

Two northern tributaries to Squallicum Creek, Spring Creek and Baker Creek, originate on King and Queen Mountains north of the Bellingham city limits, and flow through a rapidly urbanizing area along Guide Meridian Street. Remnant reaches with pools, sandy gravel substrate, and

mixed hardwood/conifer forest cover support small populations of chum and coho salmon, and cutthroat and steelhead trout (Whatcom County, 1994, NWIFC, 2003).

Whatcom Creek

Whatcom Creek originates at Lake Whatcom and flows through a steep gradient bedrock gorge lined with mature coniferous forest in Whatcom Falls Park before emerging onto a gentle flat as it flows through the commercial heart of Bellingham (Figure 2). In the upper watershed, four urbanized tributaries drain the low hills that border the west end of Lake Whatcom: Fever Creek, Hannah Creek, Cemetery Creek, and Lincoln Creek. These creeks share similar characteristics. All flow through suburban/urban development with fragmented riparian buffers of deciduous forest, native shrub, and residential yard vegetation. Stream substrate is silt-rich gravel and human-made rubble interspersed with sandy pools. Fish use is primarily cutthroat trout with some coho salmon use in the lower reaches (Whatcom County, 1994, NWIFC, 2003).

Most of the lower reach of Whatcom Creek is fast riffle with few pools and a gravel/cobble substrate. A narrow band of fragmented deciduous forest and shrubs line the stream as it winds through the urban core of Bellingham. The lower 1,000 ft. flows over a passable bedrock cascade, past a fish hatchery, and through the industrial waterfront to Bellingham Bay. Fish use includes chum, coho, and fall Chinook salmon, and cutthroat and steelhead trout (Whatcom County, 1994, NWIFC, 2003). City field crews have assessed the culverts located in Bellingham for fish passage. These data are included in this report.

Padden Creek

Padden Creek originates in Padden Lake on the south side of Bellingham, and flows for one mile through a steep gradient reach containing numerous cascades and rapids before emerging onto a gentle flat at Interstate 5 (Figure 2). West of the freeway, the creek meanders through residential development to the confluence with Connelly Creek before entering a 1,000 ft. long tunnel that blocks fish passage. Below the tunnel, Padden Creek is confined to a narrow forested ravine that winds through Fairhaven Park and Fairhaven historic district to Padden Lagoon and Bellingham Bay. In-stream habitat in this lower reach is riffle and glide with a few pools, and gravel/cobble substrate that is heavily utilized by chum salmon and some coho salmon. Cutthroat and steelhead trout also use this lower reach (Whatcom County, 1994, NWIFC, 2003). Fish passage barriers within the urbanized reach have been assessed by WDFW field crews and are included in this report.

Chuckanut Creek

Chuckanut Creek starts as numerous small tributary streams on Lookout Mountain (Figure 3). These streams join at a single culvert under interstate five and flow westward, parallel to Old Samish Highway, along the northern toe of Chuckanut Mountain, and into upper Chuckanut Bay. Stream gradient in the upper two miles is steep with numerous cascades and rapids, and predominantly boulder/cobble substrate. From RM 4.0 to the mouth the creek, the gradient is moderate with well-developed pool/riffle complexes, and gravel/cobble substrate. Riparian cover is primarily mixed deciduous/conifer forest and native shrubs, except for the occasional

residential clearing. The lower stream reaches are utilized by coho and chum salmon, and cutthroat and steelhead trout. An old slide located at RM 2.0 blocks passage of all anadromous salmonids but steelhead trout (Whatcom County, 1994, NWIFC, 2003). Tributaries are quite steep and are accessible to fish for only a short distance.

Data Integration from Previous Projects

In the Chuckanut Foothills Sub-basin, previous barrier data from Whatcom County (County roads), for State highways, Nooksack Salmon Enhancement Association (NSEA), the City of Bellingham, and Washington Department of Fish and Wildlife (WDFW) inventory crews is standardized and integrated into the WDFW Fish Passage and Diversion Screening Inventory (FPDSI) data base format and is included in the final summary table.

Reach Prioritization Summary

Prior to contacting landowners for access permission, inventory staff met with tribal and state biologists, and local fisheries professionals to identify priority stream reaches that had not been previously inventoried. In the interest of efficiency, we did not include areas with previously completed inventories, or where barrier inventories are required by law, and focused on reaches where information was lacking.

Similar inventories have been completed by the City of Bellingham, the Washington Department of Natural Resources (DNR), and the Washington Department of Transportation (WSDOT) for their respective ownerships. DNR will be correcting barriers on timber lands under their Road Maintenance and Abandonment Plan scheduling and implementation. WSDOT, Whatcom County Public Works, and the city of Bellingham will be correcting barriers on the their road systems during maintenance and repair operations.

<u>Squallicum Creek (Outside City Limits):</u>

WDFW did comprehensive surveys up to Dewey Road. NSEA has conducted culvert surveys upstream of this point. Therefore, NSEA data was converted to the FPDSI format to complete the upper Squallicum Creek culvert assessment. The Upper Squallicum Creek inventory included the following drainage systems:

- <u>Upper Mainstem WRIA 01.0552:</u> From Hwy 542 to Squallicum Lake
- <u>Tributary WRIA 01.0561</u>: From confluence to upstream limit of anadromous access.
- <u>Tributary WRIA 01.0562</u>: From confluence to upstream limit of anadromous access
- <u>Tributary WRIA 01.0563</u>: From confluence to upstream limit of anadromous access
- <u>Tributary WRIA 01.0564</u>: From confluence to upstream limit of anadromous access

Chuckanut Creek (Outside City Limits):
WDFW completed a culvert survey on the mainstem of Chuckanut Creek up to State Hwy 11. The WDFW survey also includes the assessment the tributary 01.0627 from its confluence to the end of anadromous utilization. Stream segments covered in the Chuckanut Creek drainage as a part of this study includes the following:

- Unmapped Trib. (Old Samish Road MP 3.193): ETD From confluence to upstream limit of anadromous access.
- Main Channel (WRIA 01.0626) Upstream of Old Samish Road Crossing MP 2.93: ETD From confluence to upstream limit of anadromous access.
- WRIA 01.0629 Tributary: ETD From confluence to upstream limit of anadromous access.

- Unnamed Trib in SW corner of Sec 16. : ETD From confluence to upstream limit of anadromous access.
- Samish Way 0.850 Blockage: ETD From confluence to upstream limit of anadromous access.
- Lower Fragrance Lake outlet Trib.: From confluence to end of anadromous habitat.

Barrier Assessment

Prior to conducting fieldwork, landowners adjacent to stream inventory sites provided written or verbal permission for field crews to access their property. Field crews did not evaluate culverts or habitat conditions on land parcels in which property access was denied.

Two levels of assessment are included in this report. The first is a road inventory conducted by Whatcom County Public Works staff that identified fish blocking culverts on the County road system for known and possible fish bearing streams. The second level of assessment was a stream-based inventory by Nooksack Tribe and Nooksack Salmon Enhancement Association field crews on priority stream reaches identified in the reach prioritization effort described above. All human made features in priority stream reaches were geo-referenced using GPS and evaluated for their ability to pass fish. Field evaluation and data collection followed the methodologies described in the *Fish Passage Barrier and surface Water Diversion Screening Assessment and Prioritization Manual* (WDFW 2000).

Summary of Results

Figure 1 is a map of the Chuckanut Foothills Sub-basin showing the location and site ID number of each feature inventoried. Table 1 summarizes the inventory results sequentially by site ID number for the Chuckanut Foothills Sub-basin. Table 2 summarizes the details associated with identified fish passage barriers and is sorted by Priority Index number (PI). Due primarily to property access restrictions, some blockages did not have PI's calculated. However, this project captured the vast majority of fish passage barriers for a reasonably complete inventory of all passage barriers to anadromous fish in this sub-basin.

Table 1. Stream features inventoried in the Chuckanut foothills Sub-basin, sorted by Site ID number.

Site ID	Sequencer[1]	Stream	Tributary To	Owner Type	Feature	Repair[2] Status	% Passable	Additional Barriers		Survey Type[3]	TOTAL PI
								Upstream	Downstream		
01.0552 1.80		Squallicum Cr	Bellingham Bay	City	Fishway	OK	100			LME	
01.0552 1.90		Squallicum Cr	Bellingham Bay	City	Fishway	OK	100			LME	
01.0552 2.00		Squallicum Cr	Bellingham Bay	City	Fishway	OK	100			LME	
01.0552 2.10		Squallicum Cr	Bellingham Bay	City	Fishway	OK	100			LME	
01.0553 0.10		Baker Cr	Squallicum Cr	City	Fishway	OK	100			LME	
01.0555 0.00	1.1	MF Baker Cr	Baker Cr	City	Culvert	RR	0	1		PS4	16.70
01.0559 0.10		Little Squallicum Cr	Squallicum Cr	City	Culvert	UD					
01.0560 0.10	1.2	Toad Lk Cr	Squallicum Cr	County	Culvert	RR	0	6	0	ETD	20.36
01.0560 0.83	1.1	Toad Lk Cr	Squallicum Cr	Private	Culvert	RR	0	3	3	PS1	14.15
01.0560 0.89		Toad Lk Cr	Squallicum Cr	Private	Dam	RR	0	2	4	PS1	13.49
01.0560 0.96	1.2	Toad Lk Cr	Squallicum Cr	County	Culvert	RR	0	1	5	PS1	12.63
01.0566 0.00		Whatcom Cr	Bellingham Bay	County	Fishway	OK	100			LME	
01.0566 0.30		Whatcom Cr	Bellingham Bay	City	Fishway	OK	100			LME	
01.0622 0.30		Padden Cr	Bellingham Bay	City	Fishway	OK	100			LME	
01.0622 0.50		Padden Cr	Bellingham Bay	City	Fishway	RR	67			LME	
01.0622 0.70		Padden Cr	Bellingham Bay	City	Fishway	RR	67			LME	
01.0622 0.80		Padden Cr	Bellingham Bay	City	Fishway	OK	100			LME	
01.0626 0.35		Chuckanut Cr	Chuckanut Bay	State	Fishway	OK	100				
1280037	1.1	Samish R	Samish Bay	Private	Culvert	OK	100				
1280212	1.2	Silver 3 Cr	Nooksack R	Private	Culvert	RR	67	0	2	RSFS	6.37
1280309	1.2	Chuckanut Cr	Chuckanut Bay	Private	Culvert	RR	0	1	0	RSFS	19.82
1280310	1.2	Chuckanut Cr	Chuckanut Bay	Private	Culvert	RR	67			TD	
1280311	1.1	Unnamed	Chuckanut Cr	Private	Culvert	RR	0	0	1	RSFS	14.45

[1] Sequencer: 1:2 – One culvert of two, 1:3 - One culvert of three, etc.

[2] Repair Status: OK – No action needed, RR – Repair required, LG – Habitat gain is less than 200 m., UD – Habitat gain undetermined, FX – Fixed, Blank – No fish use potential.

[3] Survey Type: TD – Threshold Determination, LME – Lineal Map Estimate, ETD – Expanded threshold determination, UETD – Unexpanded Threshold Determination, FS, PS – Full habitat Survey, RSFS – Reduced Sampling Physical Survey.

Site ID	Sequencer[1]	Stream	Tributary To	Owner Type	Feature	Repair[2] Status	% Passable	Additional Barriers		Survey Type[3]	TOTAL PI
								Upstream	Downstream		
1285193	1.1	Unnamed	McCormick Cr	Private	Culvert	OK	100				
1285194	1.1	Unnamed	McCormick Cr	Private	Culvert	RR	33	1	1	FS	7.74
1285202	1.1	Unnamed	McCormick Cr	Private	Culvert	RR	33	4	1	RSFS	12.73
1285206	1.1	Unnamed	McCormick Cr	Private	Culvert	RR	0	5	0	RSFS	15.85
1285207	1.2	Unnamed	McCormick Cr	Private	Culvert	RR	33	2	3	RSFS	8.56
1285208	1.1	Unnamed	McCormick Cr	Private	Culvert	RR	67	1	4	RSFS	10.00
1285209	1.1	Unnamed	McCormick Cr	Private	Culvert	OK	100				
1285210	1.1	Unnamed	McCormick Cr	Private	Culvert	OK	100				
1285211	1.2	Unnamed	McCormick Cr	Private	Culvert	RR	33	2	0	RSFS	12.21
1285212	1.1	McCormick Cr	Squallicum Cr	Private	Culvert						
1285213	1.1	McCormick Cr	Squallicum Cr	Private	Culvert	OK	100				
1285214	1.2	Squallicum Cr	Bellingham Bay	Private	Culvert	RR	33	1	0	RSFS	14.29
1285215	1.1	Squallicum Cr	Bellingham Bay	Private	Culvert	RR	33	0	1	RSFS	11.46
1285216	1.1	Squallicum Cr	Bellingham Bay	Private	Culvert	OK	100				
1285217	1.1	Squallicum Cr	Bellingham Bay	Private	Culvert	OK	100				
1285218	1.1	Squallicum Cr	Bellingham Bay	Private	Culvert	OK	100				
1285222		Unnamed	McCormick Cr	Private	Fishway	UD					
1285223	1.2	McCormick Cr	Squallicum Cr	Private	Culvert	RR	33	3	0	RSFS	15.10
370161	1.1	Fragrance Cr	Chuckanut Bay	County	Culvert	RR	33			TD	
370224	1.1	Unnamed	Toad Lk	County	Culvert	RR	33			TD	
370232	1.1	Unnamed	McCormick Cr	County	Culvert	OK	100				
370233	1.1	Unnamed	McCormick Cr	County	Culvert	UD					
370302	1.1	Unnamed	Baker Cr	County	Culvert	LG	67			TD	
370306	1.1	Unnamed	McCormick Cr	County	Culvert	UD		3	2	RSFS	9.34

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[3] Survey Type: TD – Threshold Determination, LME – Lineal Map Estimate, ETD – Expanded threshold determination, UETD – Unexpanded Threshold Determination, FS, PS – Full habitat Survey, RSFS – Reduced Sampling Physical Survey.

Site ID	Sequencer[1]	Stream	Tributary To	Owner Type	Feature	Repair[2] Status	% Passable	Additional Barriers		Survey Type[3]	TOTAL PI
								Upstream	Downstream		
370307	1.1	Unnamed	McCormick Cr	County	Culvert	OK	100				
370308	1.1	Unnamed	McCormick Cr	County	Culvert	UD					
370311	1.1	Unnamed	Spring Cr	County	Culvert	OK	100				
370313	1.1	Unnamed	Spring Cr	County	Culvert	LG	67			TD	
370314	1.1	Unnamed	Baker Cr	County	Culvert	OK	100				
370315	1.1	Unnamed	McCormick Cr	County	Culvert	UD		0	2	RSFS	9.17
370316	1.1	McCormick Cr	Squallicum Cr	County	Culvert	RR	33	1	2	RSFS	6.48
370371	1.1	Unnamed	McCormick Cr	County	Culvert	LG	67			TD	
370397	1.1	Unnamed	McCormick Cr	County	Culvert	RR	33			TD	
370398	1.1	Unnamed	McCormick Cr	County	Culvert	UD					
370399	1.1	McCormick Cr	Squallicum Cr	County	Culvert	RR	67	2	1	RSFS	10.78
370440	1.2	Chuckanut Cr	Chuckanut Bay	County	Culvert	OK	100				
370441	1.1	Unnamed	Chuckanut Cr	County	Culvert	RR	33			TD	
370480	1.1	Bear Cr	Chuckanut Cr	County	Culvert	RR	67			TD	
370481	1.1	Chuckanut Cr	Chuckanut Bay	County	Culvert	RR	33			TD	
370482	1.1	Unnamed	Lk Padden	County	Culvert	RR	33			TD	
370572	1.1	Mccormick Cr	Squallicum Cr	County	Culvert	OK	100				
370596	1.1	McCormick Cr	Squallicum Cr	County	Culvert	RR	33	0	5	RSFS	9.04
370604	1.1	Unnamed	Squallicum Lk	County	Culvert	LG	33			TD	
370610	1.1	Unnamed	Lk Padden	County	Culvert	RR	67			TD	
370611	1.1	Unnamed	Lk Padden	County	Culvert	RR	67			TD	
370645	1.1	Connelly Cr	Padden Cr	City	Culvert	RR	33			TD	
370646	1.1	Chuckanut Cr	Chuckanut Bay	Private	Culvert	OK	100				
370647	1.3	Whatcom Cr	Bellingham Bay	City	Culvert	UD					

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[3] Survey Type: TD – Threshold Determination, LME – Lineal Map Estimate, ETD – Expanded threshold determination, UETD – Unexpanded Threshold Determination, FS, PS – Full habitat Survey, RSFS – Reduced Sampling Physical Survey.

Site ID	Sequencer[1]	Stream	Tributary To	Owner Type	Feature	Repair[2] Status	% Passable	Additional Barriers		Survey Type[3]	TOTAL PI
								Upstream	Downstream		
370648	1.1	Cemetary Cr	Whatcom Cr	City	Culvert	RR	67			TD	
370649	1.1	Cemetary Cr	Whatcom Cr	City	Culvert	LG	0			TD	
370650	1.1	Cemetary Cr	Whatcom Cr	City	Culvert	RR	0			TD	
370651	1.1	Cemetary Cr	Whatcom Cr	City	Culvert	OK	100				
370652	1.2	Cemetary Cr	Whatcom Cr	City	Culvert	RR	33			TD	
370653	1.1	Cemetary Cr	Whatcom Cr	City	Culvert	RR	33			TD	
370654	1.1	Cemetary Cr	Whatcom Cr	City	Culvert	OK	100				
370655	1.1	unnamed	Cemetary Cr	City	Culvert	OK	100				
370656	1.1	Cemetary Cr	Whatcom Cr	City	Culvert	OK	100				
370657	1.2	unnamed	Cemetary Cr	City	Culvert	RR	33			TD	
370658	1.1	Cemetary Cr	Whatcom Cr	City	Culvert	RR	67			TD	
370659	1.1	Fever Cr	Whatcom Cr	City	Culvert	RR	67			TD	
370660	1.1	Fever Cr	Whatcom Cr	City	Culvert	RR	67			TD	
370661	1.1	Fever Cr	Whatcom Cr	City	Culvert	RR	67			TD	
370662	1.1	Fever Cr	Whatcom Cr	City	Culvert	RR	67			TD	
370663	1.1	Fever Cr	Whatcom Cr	City	Culvert	UD					
370664	1.1	Fever Cr	Whatcom Cr	City	Culvert	UD					
370665	1.1	Hannah Cr	Whatcom Cr	City	Culvert	RR	33			TD	
370666	1.1	Hannah Cr	Whatcom Cr	City	Culvert	RR	33			TD	
370667	1.2	Hannah Cr	Whatcom Cr	City	Culvert	OK	100				
370668	1.1	Hannah Cr	Whatcom Cr	City	Culvert	RR	0			TD	
370669	1.1	Hannah Cr	Whatcom Cr	City	Culvert	RR	33			TD	
370670	1.2	Hannah Cr	Whatcom Cr	City	Culvert	RR	0			TD	
370671	1.1	Hannah Cr	Whatcom Cr	City	Culvert	OK	100				

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[3] Survey Type: TD – Threshold Determination, LME – Lineal Map Estimate, ETD – Expanded threshold determination, UETD – Unexpanded Threshold Determination, FS, PS – Full habitat Survey, RSFS – Reduced Sampling Physical Survey.

Site ID	Sequencer[1]	Stream	Tributary To	Owner Type	Feature	Repair[2] Status	% Passable	Additional Barriers		Survey Type[3]	TOTAL PI
								Upstream	Downstream		
370672	1.1	Hannah Cr	Whatcom Cr	City	Culvert	RR	0			TD	
370673	1.1	Lincoln Cr	Whatcom Cr	City	Culvert	UD					
370674	1.1	Lincoln Cr	Whatcom Cr	City	Culvert	OK	100				
370675	1.3	Lincoln Cr	Whatcom Cr	City	Culvert	OK	100				
370676	1.2	Lincoln Cr	Whatcom Cr	City	Culvert	RR	67			TD	
370677	1.1	Lincoln Cr	Whatcom Cr	City	Culvert	RR	33			TD	
370678	1.1	Lincoln Cr	Whatcom Cr	City	Culvert	RR	33			TD	
370679	1.1	Unnamed	Cemetary Cr	City	Culvert	LG	0			TD	
370680	1.1	Unnamed	Cemetary Cr	City	Culvert	RR	0			TD	
370681	1.1	E Cemetary Cr	Whatcom Cr	City	Culvert	RR	33			TD	
370682	1.2	E Cemetary Cr	Whatcom Cr	City	Culvert	RR	0			TD	
370683	1.1	W Cemetary Cr	Whatcom Cr	City	Culvert	RR	0			TD	
370684		Baker Cr	Squallicum Cr	County	Fishway	RR	67			TD	
981732		Baker Reservoir	Baker Cr	Private	Dam	LG	33	0	0	PS4	
990014		Squallicum Cr	Bellingham Bay	State	Fishway	OK	100				
990015	1.2	Spring Cr	Baker Cr	State	Culvert	RR	0	13	3	PS3	33.80
990022		Baker Cr	Squallicum Cr	State	Fishway	RR	33	31	0	PS3	28.66
990435	1.4	Squallicum Cr	Bellingham Bay	City	Culvert	OK	100				
990494	1.2	Squallicum Cr	Bellingham Bay	City	Culvert	OK	100				
990581	1.1	Unnamed	Chuckanut Cr	State	Culvert	RR	0	6	1	PS4	12.35
991079	1.6	Squallicum Cr	Bellingham Bay	Private	Culvert	UD					
991104	1.3	Squallicum Cr	Bellingham Bay	City	Culvert	OK	100				
991105	1.3	Squallicum Cr	Bellingham Bay	City	Culvert	OK	100				
991109	1.1	Unnamed	Baker Cr	State	Culvert	OK	100				

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[3] Survey Type: TD – Threshold Determination, LME – Lineal Map Estimate, ETD – Expanded threshold determination, UETD – Unexpanded Threshold Determination, FS, PS – Full habitat Survey, RSFS – Reduced Sampling Physical Survey.

Site ID	Sequencer[1]	Stream	Tributary To	Owner Type	Feature	Repair[2] Status	% Passable	Additional Barriers		Survey Type[3]	TOTAL PI
								Upstream	Downstream		
991178	1.3	Squallicum Cr	Bellingham Bay	City	Culvert	OK	100				
991180	1.1	Squallicum Cr	Bellingham Bay	City	Culvert	OK	100				
991803	1.1	Toad Lk Cr	Squallicum Cr	State	Culvert	RR	0	5		PS1	13.41
991820	1.1	Unnamed	Chuckanut Cr	Private	Culvert	RR	67	7	0	PS4	14.41
991973	1.1	Baker Cr	Squallicum Cr	State	Culvert	RR	0	1	3	PS3	7.17
992000	1.1	Baker Cr	Squallicum Cr	Unknown	Culvert	RR	67	0	3	PS3	5.18
992003	1.1	Baker Cr	Squallicum Cr	State	Culvert	RR	67	31	1	PS3	25.69
992192	1.1	Baker Cr	Squallicum Cr	City	Culvert	OK	100				
992363	1.1	Baker Cr	Squallicum Cr	State	Culvert	OK	100				
992978		Baker Cr	Squallicum Cr	State	Fishway	RR	67			TD	
992979		Baker Cr	Squallicum Cr	City	Fishway	RR	67	12	2	PS3	25.69
992980		Baker Cr	Squallicum Cr	Unknown	Other	UD					
992981	1.1	Spring Cr	Baker Cr	City	Culvert	RR	67	12	4	PS3	25.43
992982	1.1	Spring Cr	Baker Cr	City	Culvert	RR	67	11	5	PS3	25.30
992983	1.1	Spring Cr	Baker Cr	Private	Culvert	OK	100				
992984	1.1	Spring Cr	Baker Cr	County	Culvert	RR	67	10	6	PS3	21.03
992985	1.1	Spring Cr	Baker Cr	County	Culvert	OK	100				
992986	1.1	Spring Cr	Baker Cr	County	Culvert	RR	33	9	7	PS3	27.74
992987	1.1	SF Baker Cr	Baker Cr	State	Culvert	RR	33				
992988	1.1	SF Baker Cr	Baker Cr	City	Culvert	RR	67	16	1	PS3	21.45
992989	1.1	SF Baker Cr	Baker Cr	Private	Culvert	RR	67	15	2	PS3	21.38
992990	1.2	SF Baker Cr	Baker Cr	Private	Culvert	OK	100				
993006	1.1	SF Baker Cr	Baker Cr	City	Culvert	RR	67	12	3	PS3	14.12
993038	1.1	SF Baker Cr	Baker Cr	City	Culvert	OK	100				

[1] Sequencer: 1:2 – One culvert of two, 1:3 - One culvert of three, etc.

[2] Repair Status: OK – No action needed, RR – Repair required, LG – Habitat gain is less than 200 m., UD – Habitat gain undetermined, FX – Fixed, Blank – No fish use potential.

[3] Survey Type: TD – Threshold Determination, LME – Lineal Map Estimate, ETD – Expanded threshold determination, UETD – Unexpanded Threshold Determination, FS, PS – Full habitat Survey, RSFS – Reduced Sampling Physical Survey.

Site ID	Sequencer[1]	Stream	Tributary To	Owner Type	Feature	Repair[2] Status	% Passable	Additional Barriers		Survey Type[3]	TOTAL PI
								Upstream	Downstream		
993040	1.1	SF Baker Cr	Baker Cr	City	Culvert	RR	67	10	5	PS3	19.53
993093		SF Baker Cr	Baker Cr	City	Other	RR	0	9	6	PS3	24.77
993110	1.1	SF Baker Cr	Baker Cr	City	Culvert	RR	67	8	7	PS3	18.26
993443	1.1	SF Baker Cr	Baker Cr	City	Culvert	RR	67	7	8	PS3	18.26
993482	1.1	Unnamed	Chuckanut Cr	County	Culvert	RR	67	4	3	PS4	11.51
993483	1.2	Unnamed	Chuckanut Cr	County	Culvert	RR	67	5	2	PS4	11.51
993484	1.1	Unnamed	Chuckanut Cr	Private	Culvert	RR	0	3	4	PS4	15.33
993485		Unnamed	Chuckanut Cr	Private	Dam	RR	0	2	5	PS4	15.33
993486	1.2	Unnamed	Chuckanut Cr	Private	Culvert	RR	0	1	6	PS4	15.33
993487		Unnamed	Chuckanut Cr	City	Dam	RR	0	0	7	PS4	13.85
993821	1.1	SF Baker Cr	Baker Cr	City	Culvert	RR	67	6	9	PS3	17.61
993880	1.1	Unnamed	SF Baker Cr	City	Culvert	RR	33	1	3	PS3	15.48
993881	1.1	Unnamed	SF Baker Cr	City	Culvert	RR	33			PS3	9.47
993882	1.1	Unnamed	SF Baker Cr	Private	Culvert	OK	100				
993883	1.1	MF Baker Cr	Baker Cr	City	Culvert	OK	100				
993884		MF Baker Cr	Baker Cr	City	Dam						
993885	1.2	MF Baker Cr	Baker Cr	Private	Culvert	RR	33			TD	
993886	1.1	MF Baker Cr	Baker Cr	City	Culvert	OK	100				
994108		MF Baker Cr	Baker Cr	Private	Dam	RR	33			TD	
994109	1.1	Unnamed	Spring Cr	Private	Culvert	OK	100				
994110	1.2	Unnamed	Spring Cr	County	Culvert	LG	67			PS4	
994111	1.2	Spring Cr	Baker Cr	Private	Culvert	OK	100				
994112	1.1	Spring Cr	Baker Cr	County	Culvert	RR	33	0	13	PS3	12.44
994113	1.2	Spring Cr	Baker Cr	County	Culvert	OK	100				

[1] Sequencer: 1:2 – One culvert of two, 1:3 - One culvert of three, etc.

[2] Repair Status: OK – No action needed, RR – Repair required, LG – Habitat gain is less than 200 m., UD – Habitat gain undetermined, FX – Fixed, Blank – No fish use potential.

[3] Survey Type: TD – Threshold Determination, LME – Lineal Map Estimate, ETD – Expanded threshold determination, UETD – Unexpanded Threshold Determination, FS, PS – Full habitat Survey, RSFS – Reduced Sampling Physical Survey.

Site ID	Sequencer[1]	Stream	Tributary To	Owner Type	Feature	Repair[2] Status	% Passable	Additional Barriers		Survey Type[3]	TOTAL PI
								Upstream	Downstream		
994114	1.1	Unnamed	Baker Cr	City	Culvert						
994115	1.1	Baker Cr	Squallicum Cr	Private	Culvert	OK	100				
994231	1.1	Unnamed	Chuckanut Cr	State	Culvert						
994232	1.1	Unnamed	Chuckanut Cr	State	Culvert						
994233	1.1	Padden Cr	Bellingham Bay	State	Culvert	RR	0	0	1	ETD	31.29
994241	1.1	SF Baker Cr	Baker Cr	Private	Culvert	OK	100				
994242	1.1	Spring Cr	Baker Cr	Private	Culvert	RR	33	8	8	PS3	26.46
994243	1.1	Spring Cr	Baker Cr	Private	Culvert	OK	100				
994262	1.1	SF Baker Cr	Baker Cr	Private	Culvert	RR	67	5	10	PS3	17.38
994263	1.1	SF Baker Cr	Baker Cr	Private	Culvert	RR	67	4	11	PS3	17.16
994264	1.1	SF Baker Cr	Baker Cr	Private	Culvert	RR	33	3	12	PS3	20.33
994265	1.1	SF Baker Cr	Baker Cr	County	Culvert	RR	67	2	13	PS3	16.54
994266		SF Baker Cr	Baker Cr	Private	Dam	RR	33	1	14	PS4	15.11
994267	1.2	SF Baker Cr	Baker Cr	Private	Culvert	RR	67	0	15	PS3	10.92
994268	1.1	SF Baker Cr	Baker Cr	City	Culvert	OK	100				
994370	1.2	Padden Cr	Bellingham Bay	City	Culvert	RR	33			TD	
994371		Toad Lk Cr	Squallicum Cr	Private	Dam	OK	100				
994372	1.1	Toad Lk Cr	Squallicum Cr	Private	Culvert	RR	0	4	2	PS1	16.85
994373		Toad Lk Cr	Squallicum Cr	Private	Dam	RR	0	0	6	PS1	11.68
994374		Unnamed	Spring Cr	Private	Dam	RR	0	1	12	PS3	15.95
994375	1.1	Padden Cr	Bellingham Bay	City	Culvert	OK	100				
994380	1.1	Spring Cr	Baker Cr	Private	Culvert				9	PS3	
994381	1.1	Spring Cr	Baker Cr	Private	Culvert			6	10	PS3	
994382		Spring Cr	Baker Cr	Private	Dam	RR	0	5	11	PS3	25.27

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[3] Survey Type: TD – Threshold Determination, LME – Lineal Map Estimate, ETD – Expanded threshold determination, UETD – Unexpanded Threshold Determination, FS, PS – Full habitat Survey, RSFS – Reduced Sampling Physical Survey.

Site ID	Sequencer[1]	Stream	Tributary To	Owner Type	Feature	Repair[2] Status	% Passable	Additional Barriers		Survey Type[3]	TOTAL PI
								Upstream	Downstream		
994383	1.2	Spring Cr	Baker Cr	Private	Culvert	RR	67	2	12	PS3	13.32
994384	1.1	Spring Cr	Baker Cr	Private	Culvert	LG	33	1	13	PS3	13.22
994385	1.1	Spring Cr	Baker Cr	Private	Culvert	OK	100				
994386	1.2	Padden Cr	Bellingham Bay	State	Culvert	RR	33	1	0	UETD	
994387	1.1	Padden Cr	Bellingham Bay	City	Culvert	OK	100				
994388	1.1	Unnamed	Padden Cr	State	Culvert						
994389	1.1	Padden Cr	Bellingham Bay	State	Culvert	RR	0	0	0	UETD	
994390	1.4	Padden Cr	Bellingham Bay	City	Culvert	OK	100				
995312	1.1	Unnamed	Samish Bay	State	Culvert	LG	0			UETD	
995313	1.1	Unnamed	Pleasant Bay	State	Culvert	RR	0	0	0	UETD	
995314	1.1	Unnamed	Chuckanut Bay	State	Culvert	RR	0	1		UETD	
995315	1.1	Unnamed	Chuckanut Bay	State	Culvert						
995316	1.2	Unnamed	Chuckanut Bay	State	Culvert						
995317	1.1	Unnamed	Chuckanut Bay	State	Culvert						
995318	1.1	Unnamed	Chuckanut Bay	County	Culvert	LG	0	0	1	UETD	
995411		Chuckanut Cr	Chuckanut Bay	State	Fishway	RR	0	1	0	ETD	9.24
995698	1.1	Unnamed	Connelly Cr	State	Culvert						
995699	1.1	Unnamed	Connelly Cr	State	Culvert	UD	0	1		UETD	
995700	1.1	Unnamed	Connelly Cr	State	Culvert						
995705	1.1	Unnamed	Connelly Cr	State	Culvert	LG	0	1		UETD	
995706	1.1	Unnamed	Whatcom Cr	State	Culvert						
995796	1.1	Unnamed	Chuckanut Cr	State	Culvert	RR	0	2	0	UETD	
995797	1.1	Unnamed	Padden Cr	State	Culvert						
995798	1.1	Unnamed	Padden Cr	State	Culvert						

[1] Sequencer: 1:2 – One culvert of two, 1:3 - One culvert of three, etc.

[2] Repair Status: OK – No action needed, RR – Repair required, LG – Habitat gain is less than 200 m., UD – Habitat gain undetermined, FX – Fixed, Blank – No fish use potential.

[3] Survey Type: TD – Threshold Determination, LME – Lineal Map Estimate, ETD – Expanded threshold determination, UETD – Unexpanded Threshold Determination, FS, PS – Full habitat Survey, RSFS – Reduced Sampling Physical Survey.

Site ID	Sequencer[1]	Stream	Tributary To	Owner Type	Feature	Repair[2] Status	% Passable	Additional Barriers		Survey Type[3]	TOTAL PI
								Upstream	Downstream		
996048	1.1	Unnamed	Chuckanut Cr	Unknown	Culvert	LG	0				
996050	1.1	Unnamed	Connelly Cr	City	Culvert	LG	0				
996051	1.1	Squallicum Cr	Bellingham Bay	City	Culvert	OK	100				
996054	1.1	Unnamed	Connelly Cr	City	Culvert	UD	0				
997722	1.2	McCormick Cr	Squallicum Cr	Private	Culvert	UD					
997723	1.1	McCormick Cr	Squallicum Cr	Private	Culvert	UD					
997724	1.1	Unnamed	McCormick Cr	Private	Culvert	UD					
997725	1.2	McCormick Cr	Squallicum Cr	Private	Culvert	UD					
997729	1.3	Unnamed	McCormick Cr	Private	Culvert	UD					
997738	1.1	Unnamed	McCormick Cr	Private	Culvert	UD					
997739	1.1	Unnamed	McCormick Cr	Private	Culvert	UD	0				
997740	1.6	Unnamed	McCormick Cr	Private	Culvert	UD					
SR90	1.1	Samish R	Samish Bay	County	Culvert	UD					
SR91	1.1	Samish R	Samish Bay	County	Culvert	UD					
SR92	1.1	Samish R	Samish Bay	County	Culvert	OK	100				
SR93	1.1	Samish R	Samish Bay	County	Culvert	OK	100				

[1] Sequencer: 1:2 – One culvert of two, 1:3 - One culvert of three, etc.

[2] Repair Status: OK – No action needed, RR – Repair required, LG – Habitat gain is less than 200 m., UD – Habitat gain undetermined, FX – Fixed, Blank – No fish use potential.

[3] Survey Type: TD – Threshold Determination, LME – Lineal Map Estimate, ETD – Expanded threshold determination, UETD – Unexpanded Threshold Determination, FS, PS – Full habitat Survey, RSFS – Reduced Sampling Physical Survey.

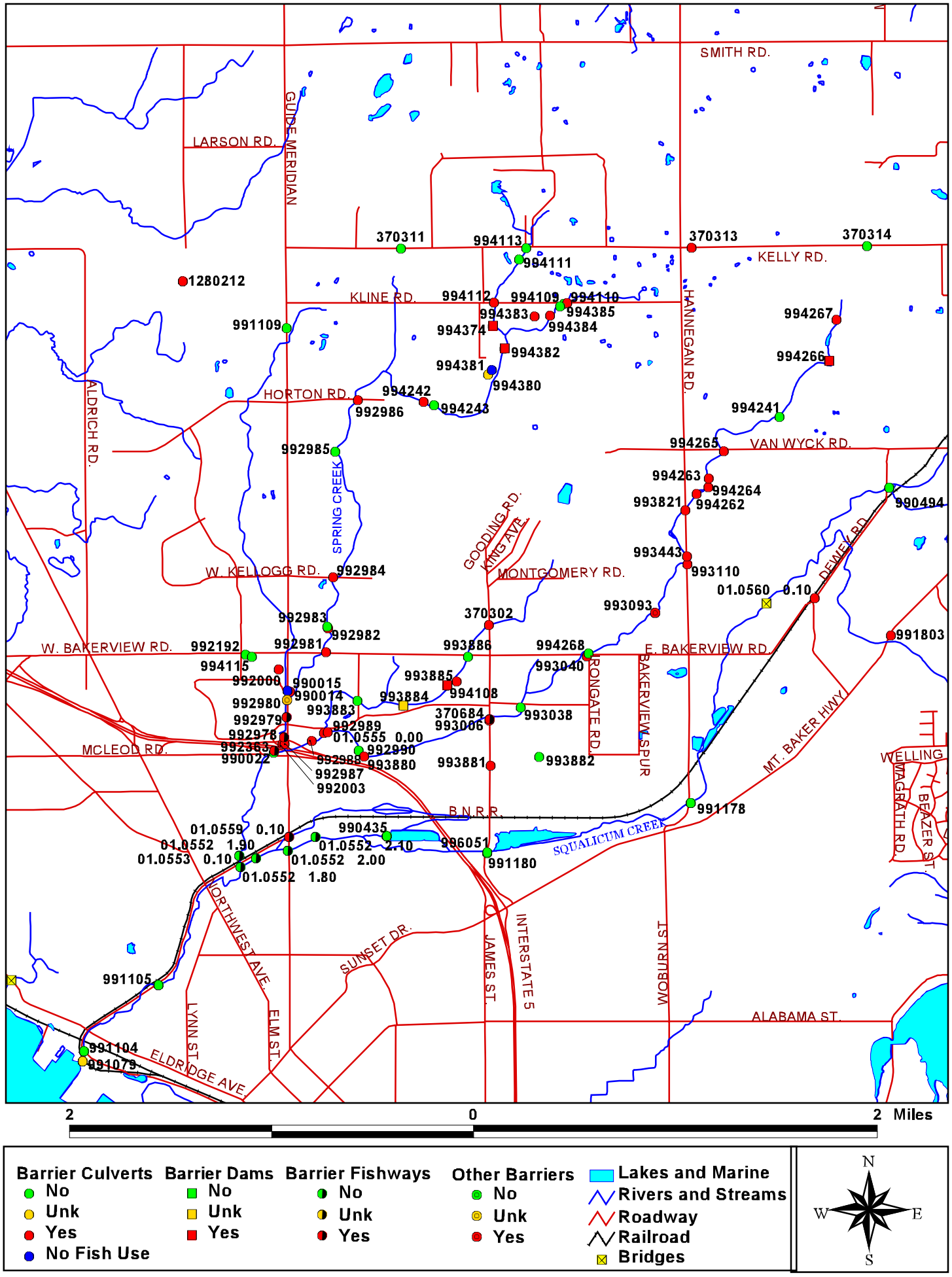


Figure 1a. Lower Squallicum Creek Features.

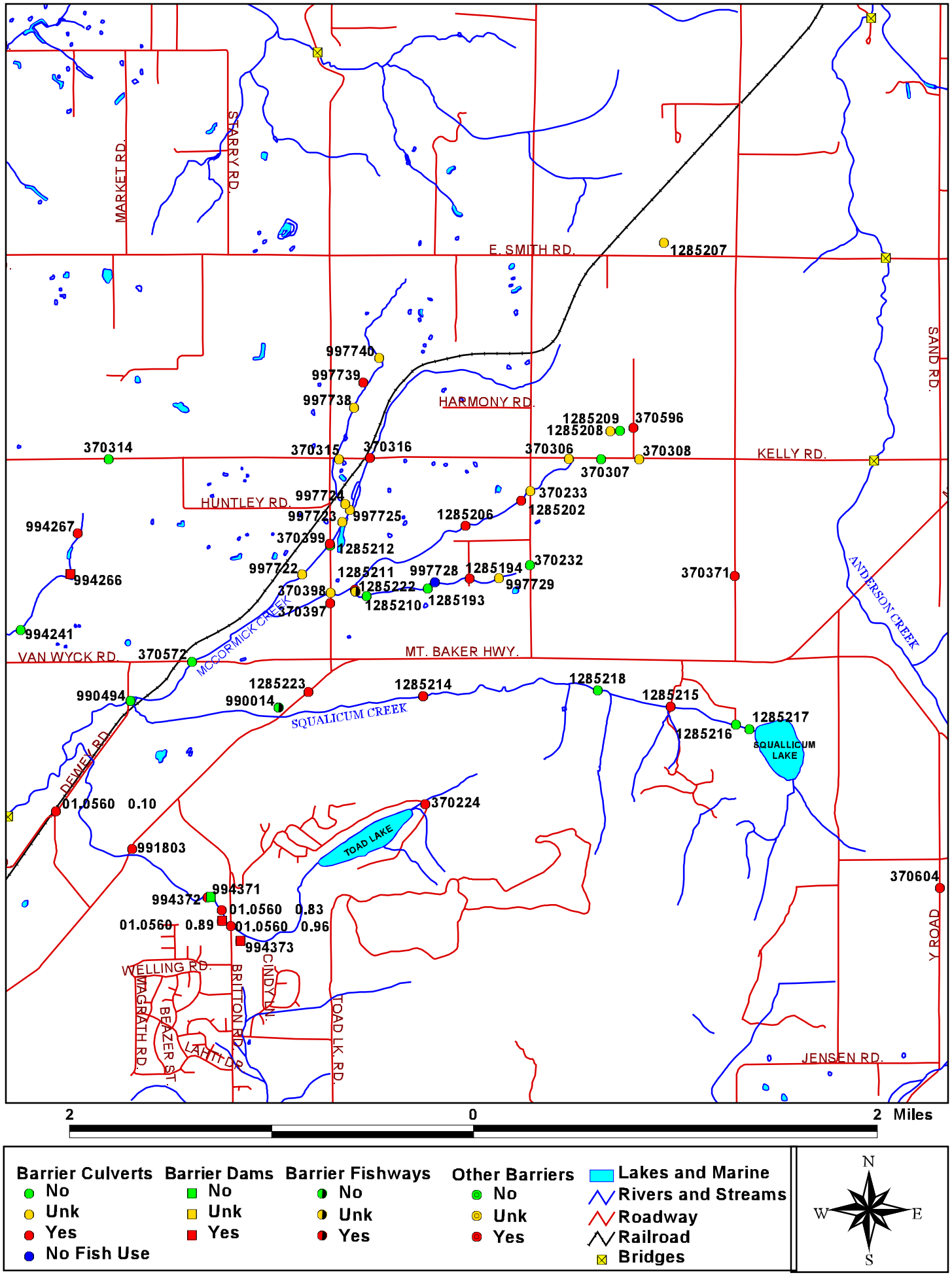


Figure 1b. Upper Squallicum Creek Features.

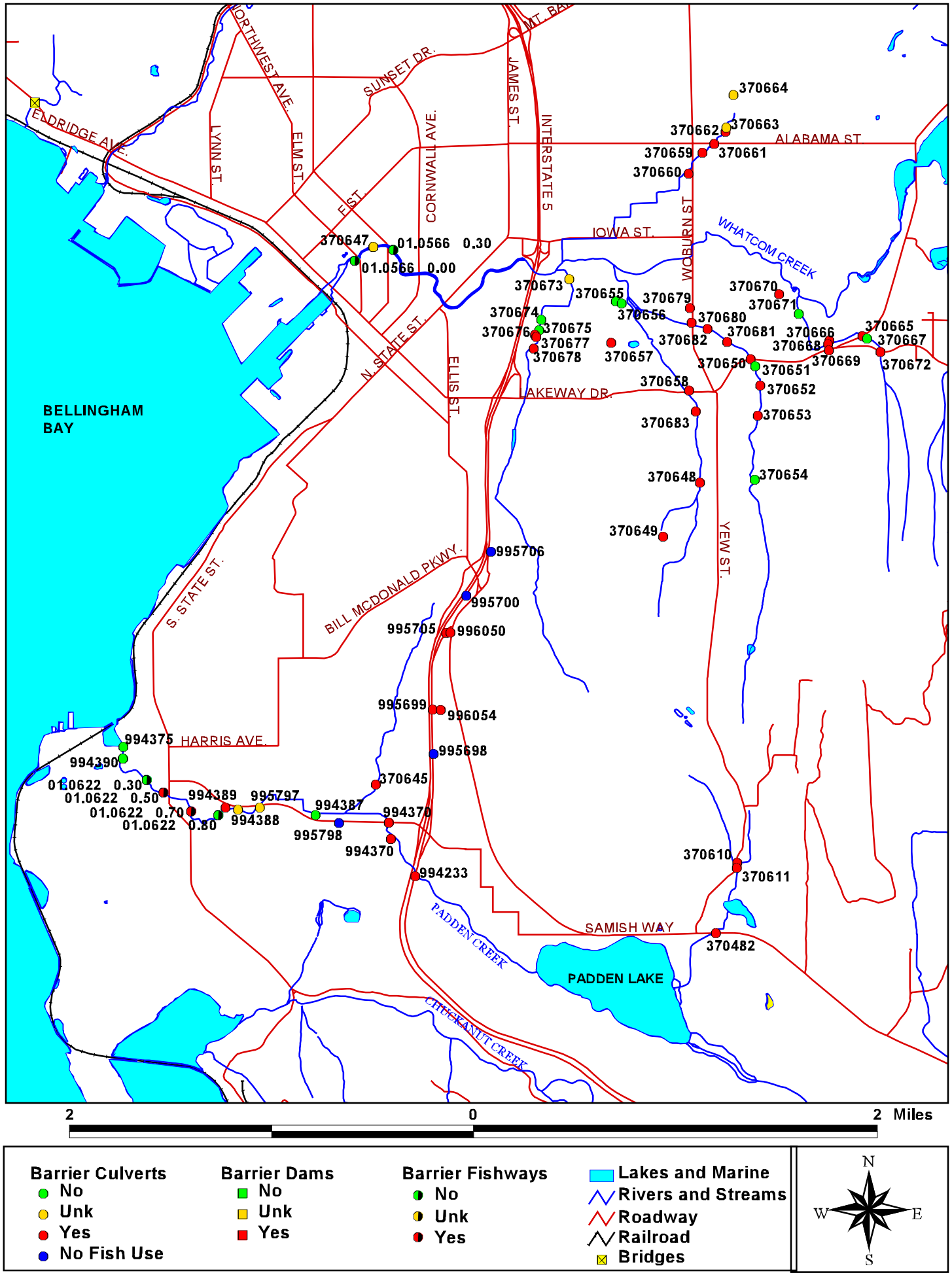


Figure 2. Whatcom and Padden Creek Features.

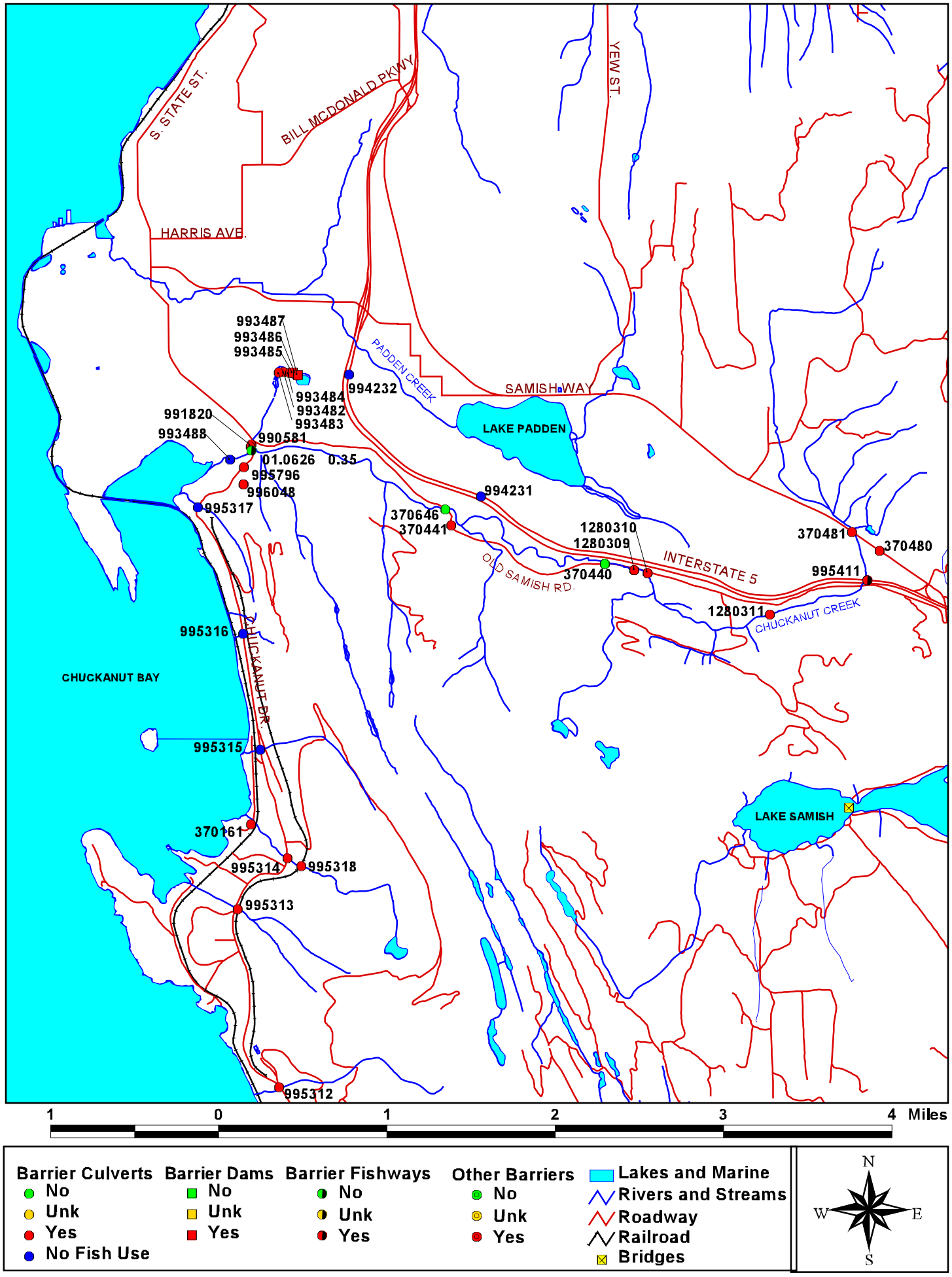


Figure 3. Chuckanut Creek Features.

Chuckanut Foothills Culvert Barriers:

PI TOTAL: **33.80**

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	990015	Shape:	RND
Stream:	Spring Cr	Material:	CST
Trib To:	Baker Cr	Span (m):	1.22
Owner:	State	Length (m):	30.00
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Slope	Lineal Gain (m):	7,868
Ds Barriers:	3	Spawn Area (m2):	4,438
Us Barriers:	13	Rear Area (m2):	11,540

PI TOTAL: **33.80**

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	990015	Shape:	RND
Stream:	Spring Cr	Material:	CST
Trib To:	Baker Cr	Span (m):	1.22
Owner:	State	Length (m):	30.00
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Slope	Lineal Gain (m):	7,868
Ds Barriers:	3	Spawn Area (m2):	4,438
Us Barriers:	13	Rear Area (m2):	11,540

PI TOTAL: **31.29**

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	994233	Shape:	BOX
Stream:	Padden Cr	Material:	CPC
Trib To:	Bellingham Bay	Span (m):	1.52
Owner:	State	Length (m):	131.46
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Slope	Lineal Gain (m):	6,716
Ds Barriers:	1	Spawn Area (m2):	2,760
Us Barriers:	0	Rear Area (m2):	52,242

PI TOTAL: **27.74**

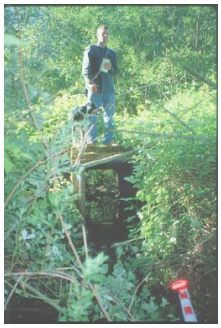
GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	992986	Shape:	RND
Stream:	Spring Cr	Material:	PCC
Trib To:	Baker Cr	Span (m):	1.52
Owner:	County	Length (m):	10.11
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Slope	Lineal Gain (m):	4,515
Ds Barriers:	7	Spawn Area (m2):	3,105
Us Barriers:	9	Rear Area (m2):	7,772

Culvert Shape: RND = Round, BOX = Rectangular, ARCH = Bottomless arch, SQSH = Pipe arch, ELL = Ellipse, OTH = Other.

Culvert Material: PCC = Pre-cast concrete, CPC = Cast in place concrete, CST = Corrugated steel, SST = Smooth Steel, CAL = Corrugated aluminum, SPS = Structuural plate steel, SPA = Structural plate aluminum, PVC = Plastic, TMB = Timber, MRY = Masonary, OTH = Other

Chuckanut Foothills Culvert Barriers:

PI TOTAL: 26.46



GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	994242	Shape:	BOX
Stream:	Spring Cr	Material:	PCC
Trib To:	Baker Cr	Span (m):	1.82
Owner:	Private	Length (m):	10.39
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Velocity and lack of	Lineal Gain (m):	3,415
Ds Barriers:	8	Spawn Area (m2):	2,280
Us Barriers:	8	Rear Area (m2):	6,729

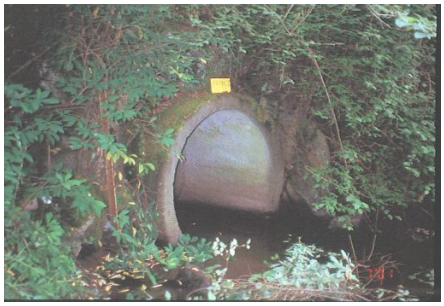
PI TOTAL: 25.69

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	992003	Shape:	SQSH
Stream:	Baker Cr	Material:	CST
Trib To:	Squallicum Cr	Span (m):	2.87
Owner:	State	Length (m):	28.25
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Slope	Lineal Gain (m):	18,331
Ds Barriers:	1	Spawn Area (m2):	4,316
Us Barriers:	31	Rear Area (m2):	11,892

PI TOTAL: 25.43

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	992981	Shape:	RND
Stream:	Spring Cr	Material:	CAL
Trib To:	Baker Cr	Span (m):	1.50
Owner:	City	Length (m):	31.16
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Velocity	Lineal Gain (m):	7,318
Ds Barriers:	4	Spawn Area (m2):	4,316
Us Barriers:	12	Rear Area (m2):	11,131

PI TOTAL: 25.30



GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	992982	Shape:	RND
Stream:	Spring Cr	Material:	OTH
Trib To:	Baker Cr	Span (m):	1.52
Owner:	City	Length (m):	17.48
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Velocity	Lineal Gain (m):	7,032
Ds Barriers:	5	Spawn Area (m2):	4,252
Us Barriers:	11	Rear Area (m2):	10,918

Culvert Shape: RND = Round, BOX = Rectangular, ARCH = Bottomless arch, SQSH = Pipe arch, ELL = Ellipse, OTH = Other.

Culvert Material: PCC = Pre-cast concrete, CPC = Cast in place concrete, CST = Corrugated steel, SST = Smooth Steel, CAL = Corrugated aluminum, SPS = Structuural plate steel, SPA = Structural plate aluminum, PVC = Plastic, TMB = Timber, MRY = Masonary, OTH = Other

Chuckanut Foothills Culvert Barriers:

PI TOTAL: **21.45**

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	992988	Shape:	SQSH
Stream:	SF Baker Cr	Material:	CST
Trib To:	Baker Cr	Span (m):	2.44
Owner:	City	Length (m):	18.50
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Slope	Lineal Gain (m):	9,734
Ds Barriers:	1	Spawn Area (m2):	1,325
Us Barriers:	16	Rear Area (m2):	8,339

PI TOTAL: **21.38**

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	992989	Shape:	RND
Stream:	SF Baker Cr	Material:	CST
Trib To:	Baker Cr	Span (m):	1.22
Owner:	Private	Length (m):	16.18
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Velocity	Lineal Gain (m):	9,575
Ds Barriers:	2	Spawn Area (m2):	1,325
Us Barriers:	15	Rear Area (m2):	8,221

PI TOTAL: **21.03**

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	992984	Shape:	RND
Stream:	Spring Cr	Material:	OTH
Trib To:	Baker Cr	Span (m):	1.51
Owner:	County	Length (m):	30.35
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Velocity and lack of	Lineal Gain (m):	6,516
Ds Barriers:	6	Spawn Area (m2):	4,138
Us Barriers:	10	Rear Area (m2):	10,535

PI TOTAL: **20.36**

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	01.0560 0.10	Shape:	RND
Stream:	Toad Lk Cr	Material:	CST
Trib To:	Squallicum Cr	Span (m):	1.22
Owner:	County	Length (m):	26.84
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Slope	Lineal Gain (m):	2,391
Ds Barriers:	0	Spawn Area (m2):	2,669
Us Barriers:	6	Rear Area (m2):	5,179

Culvert Shape: RND = Round, BOX = Rectangular, ARCH = Bottomless arch, SQSH = Pipe arch, ELL = Ellipse, OTH = Other.

Culvert Material: PCC = Pre-cast concrete, CPC = Cast in place concrete, CST = Corrugated steel, SST = Smooth Steel, CAL = Corrugated aluminum, SPS = Structuural plate steel, SPA = Structural plate aluminum, PVC = Plastic, TMB = Timber, MRY = Masonary, OTH = Other

Chuckanut Foothills Culvert Barriers:

PI TOTAL: **20.36**

GENERAL INFORMATION

Site ID:	01.0560 0.10
Stream:	Toad Lk Cr
Trib To:	Squallicum Cr
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	1.22
Length (m):	26.84

BARRIER STATUS

Problem:	Slope
Ds Barriers:	0
Us Barriers:	6

HABITAT GAIN

Lineal Gain (m):	2,391
Spawn Area (m2):	2,669
Rear Area (m2):	5,179

PI TOTAL: **20.33**

GENERAL INFORMATION

Site ID:	994264
Stream:	SF Baker Cr
Trib To:	Baker Cr
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	OTH
Span (m):	2.62
Length (m):	10.20

BARRIER STATUS

Problem:	Slope and lack of w
Ds Barriers:	12
Us Barriers:	3

HABITAT GAIN

Lineal Gain (m):	2,615
Spawn Area (m2):	400
Rear Area (m2):	3,387

PI TOTAL: **19.82**

GENERAL INFORMATION

Site ID:	1280309
Stream:	Chuckanut Cr
Trib To:	Chuckanut Bay
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	1.78
Length (m):	12.20

BARRIER STATUS

Problem:	Outfall drop
Ds Barriers:	0
Us Barriers:	1

HABITAT GAIN

Lineal Gain (m):	2,620
Spawn Area (m2):	1,753
Rear Area (m2):	4,042

PI TOTAL: **19.82**

GENERAL INFORMATION

Site ID:	1280309
Stream:	Chuckanut Cr
Trib To:	Chuckanut Bay
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	1.78
Length (m):	12.40

BARRIER STATUS

Problem:	Outfall drop
Ds Barriers:	0
Us Barriers:	1

HABITAT GAIN

Lineal Gain (m):	2,620
Spawn Area (m2):	1,753
Rear Area (m2):	4,042

Culvert Shape: RND = Round, BOX = Rectangular, ARCH = Bottomless arch, SQSH = Pipe arch, ELL = Ellipse, OTH = Other.

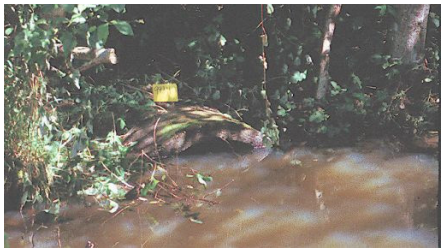
Culvert Material: PCC = Pre-cast concrete, CPC = Cast in place concrete, CST = Corrugated steel, SST = Smooth Steel, CAL = Corrugated aluminum, SPS = Structuural plate steel, SPA = Structural plate aluminum, PVC = Plastic, TMB = Timber, MRY = Masonary, OTH = Other

Chuckanut Foothills Culvert Barriers:

PI TOTAL: **19.53**

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	993040	Shape:	RND
Stream:	SF Baker Cr	Material:	CST
Trib To:	Baker Cr	Span (m):	1.40
Owner:	City	Length (m):	27.27
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Undersized	Lineal Gain (m):	5,014
Ds Barriers:	5	Spawn Area (m2):	768
Us Barriers:	10	Rear Area (m2):	5,444

PI TOTAL: **18.26**



GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	993110	Shape:	RND
Stream:	SF Baker Cr	Material:	PCC
Trib To:	Baker Cr	Span (m):	1.22
Owner:	City	Length (m):	36.86
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Slope	Lineal Gain (m):	3,535
Ds Barriers:	7	Spawn Area (m2):	532
Us Barriers:	8	Rear Area (m2):	4,480

PI TOTAL: **18.26**

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	993443	Shape:	RND
Stream:	SF Baker Cr	Material:	CST
Trib To:	Baker Cr	Span (m):	1.37
Owner:	City	Length (m):	44.07
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Velocity / Lack of w	Lineal Gain (m):	3,457
Ds Barriers:	8	Spawn Area (m2):	520
Us Barriers:	7	Rear Area (m2):	4,480

PI TOTAL: **17.61**

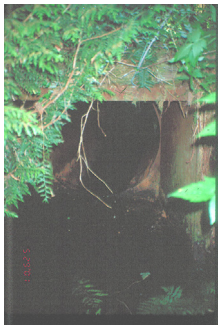
GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	993821	Shape:	RND
Stream:	SF Baker Cr	Material:	PCC
Trib To:	Baker Cr	Span (m):	1.15
Owner:	City	Length (m):	42.81
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Velocity	Lineal Gain (m):	2,993
Ds Barriers:	9	Spawn Area (m2):	458
Us Barriers:	6	Rear Area (m2):	3,876

Culvert Shape: RND = Round, BOX = Rectangular, ARCH = Bottomless arch, SQSH = Pipe arch, ELL = Ellipse, OTH = Other.

Culvert Material: PCC = Pre-cast concrete, CPC = Cast in place concrete, CST = Corrugated steel, SST = Smooth Steel, CAL = Corrugated aluminum, SPS = Structuural plate steel, SPA = Structural plate aluminum, PVC = Plastic, TMB = Timber, MRY = Masonary, OTH = Other

Chuckanut Foothills Culvert Barriers:

PI TOTAL: 17.38



GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	994262	Shape:	BOX
Stream:	SF Baker Cr	Material:	SST
Trib To:	Baker Cr	Span (m):	1.80
Owner:	Private	Length (m):	6.07
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Lack of depth	Lineal Gain (m):	2,832
Ds Barriers:	10	Spawn Area (m2):	434
Us Barriers:	5	Rear Area (m2):	3,668

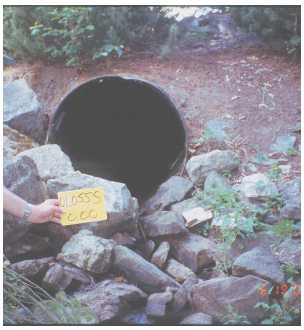
PI TOTAL: 17.16

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	994263	Shape:	RND
Stream:	SF Baker Cr	Material:	SST
Trib To:	Baker Cr	Span (m):	1.17
Owner:	Private	Length (m):	4.09
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Slope and velocity	Lineal Gain (m):	2,695
Ds Barriers:	11	Spawn Area (m2):	413
Us Barriers:	4	Rear Area (m2):	3,490

PI TOTAL: 16.85

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	994372	Shape:	RND
Stream:	Toad Lk Cr	Material:	CST
Trib To:	Squallicum Cr	Span (m):	0.91
Owner:	Private	Length (m):	4.63
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Slope	Lineal Gain (m):	779
Ds Barriers:	2	Spawn Area (m2):	897
Us Barriers:	4	Rear Area (m2):	1,569

PI TOTAL: 16.70



GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	01.0555 0.00	Shape:	RND
Stream:	MF Baker Cr	Material:	OTH
Trib To:	Baker Cr	Span (m):	1.22
Owner:	City	Length (m):	304.80
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Slope, Length	Lineal Gain (m):	1,782
Ds Barriers:		Spawn Area (m2):	353
Us Barriers:	1	Rear Area (m2):	6,043

Culvert Shape: RND = Round, BOX = Rectangular, ARCH = Bottomless arch, SQSH = Pipe arch, ELL = Ellipse, OTH = Other.

Culvert Material: PCC = Pre-cast concrete, CPC = Cast in place concrete, CST = Corrugated steel, SST = Smooth Steel, CAL = Corrugated aluminum, SPS = Structuural plate steel, SPA = Structural plate aluminum, PVC = Plastic, TMB = Timber, MRY = Masonary, OTH = Other

Chuckanut Foothills Culvert Barriers:

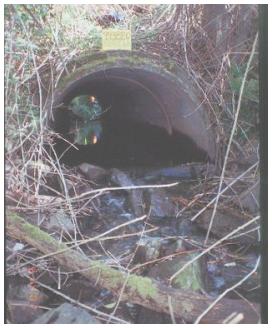
PI TOTAL: **16.54**

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	994265	Shape:	RND
Stream:	SF Baker Cr	Material:	PCC
Trib To:	Baker Cr	Span (m):	1.22
Owner:	County	Length (m):	30.66
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Velocity	Lineal Gain (m):	2,325
Ds Barriers:	13	Spawn Area (m2):	356
Us Barriers:	2	Rear Area (m2):	3,011

PI TOTAL: **15.85**

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	1285206	Shape:	RND
Stream:	Unnamed	Material:	CST
Trib To:	McCormick Cr	Span (m):	1.22
Owner:	Private	Length (m):	10.67
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Outfall Drop	Lineal Gain (m):	2,192
Ds Barriers:	0	Spawn Area (m2):	159
Us Barriers:	5	Rear Area (m2):	1,063

PI TOTAL: **15.48**



GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	993880	Shape:	RND
Stream:	Unnamed	Material:	PCC
Trib To:	SF Baker Cr	Span (m):	1.22
Owner:	City	Length (m):	13.67
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Slope	Lineal Gain (m):	1,984
Ds Barriers:	3	Spawn Area (m2):	216
Us Barriers:	1	Rear Area (m2):	1,127

PI TOTAL: **15.33**

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	993486	Shape:	RND
Stream:	Unnamed	Material:	SST
Trib To:	Chuckanut Cr	Span (m):	0.20
Owner:	Private	Length (m):	28.46
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Slope;Outfall	Lineal Gain (m):	
Ds Barriers:	6	Spawn Area (m2):	18
Us Barriers:	1	Rear Area (m2):	1,980

Culvert Shape: RND = Round, BOX = Rectangular, ARCH = Bottomless arch, SQSH = Pipe arch, ELL = Ellipse, OTH = Other.

Culvert Material: PCC = Pre-cast concrete, CPC = Cast in place concrete, CST = Corrugated steel, SST = Smooth Steel, CAL = Corrugated aluminum, SPS = Structuural plate steel, SPA = Structural plate aluminum, PVC = Plastic, TMB = Timber, MRY = Masonary, OTH = Other

Chuckanut Foothills Culvert Barriers:

PI TOTAL: **15.33**

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	993486	Shape:	RND
Stream:	Unnamed	Material:	SST
Trib To:	Chuckanut Cr	Span (m):	0.38
Owner:	Private	Length (m):	28.46
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Slope;Outfall	Lineal Gain (m):	
Ds Barriers:	6	Spawn Area (m2):	18
Us Barriers:	1	Rear Area (m2):	1,980

PI TOTAL: **15.33**

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	993484	Shape:	RND
Stream:	Unnamed	Material:	OTH
Trib To:	Chuckanut Cr	Span (m):	0.31
Owner:	Private	Length (m):	18.98
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Slope	Lineal Gain (m):	263
Ds Barriers:	4	Spawn Area (m2):	41
Us Barriers:	3	Rear Area (m2):	1,980

PI TOTAL: **15.10**

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	1285223	Shape:	RND
Stream:	McCormick Cr	Material:	CST
Trib To:	Squallicum Cr	Span (m):	1.22
Owner:	Private	Length (m):	4.42
BARRIER STATUS		**HABITAT GAIN**	
Problem:	outfall drop	Lineal Gain (m):	4,413
Ds Barriers:	0	Spawn Area (m2):	0
Us Barriers:	3	Rear Area (m2):	4,473

PI TOTAL: **15.10**

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	1285223	Shape:	RND
Stream:	McCormick Cr	Material:	CST
Trib To:	Squallicum Cr	Span (m):	1.22
Owner:	Private	Length (m):	4.26
BARRIER STATUS		**HABITAT GAIN**	
Problem:	outfall drop	Lineal Gain (m):	4,413
Ds Barriers:	0	Spawn Area (m2):	0
Us Barriers:	3	Rear Area (m2):	4,473

Culvert Shape: RND = Round, BOX = Rectangular, ARCH = Bottomless arch, SQSH = Pipe arch, ELL = Ellipse, OTH = Other.

Culvert Material: PCC = Pre-cast concrete, CPC = Cast in place concrete, CST = Corrugated steel, SST = Smooth Steel, CAL = Corrugated aluminum, SPS = Structuural plate steel, SPA = Structural plate aluminum, PVC = Plastic, TMB = Timber, MRY = Masonary, OTH = Other

Chuckanut Foothills Culvert Barriers:

PI TOTAL: 14.45

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	1280311	Shape:	RND
Stream:	Unnamed	Material:	CST
Trib To:	Chuckanut Cr	Span (m):	3.70
Owner:	Private	Length (m):	15.60
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Outfall drop	Lineal Gain (m):	960
Ds Barriers:	1	Spawn Area (m2):	466
Us Barriers:	0	Rear Area (m2):	1,210

PI TOTAL: 14.41

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	991820	Shape:	RND
Stream:	Unnamed	Material:	OTH
Trib To:	Chuckanut Cr	Span (m):	0.61
Owner:	Private	Length (m):	5.00
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Outfall;Slope	Lineal Gain (m):	1,196
Ds Barriers:	0	Spawn Area (m2):	282
Us Barriers:	7	Rear Area (m2):	4,843

PI TOTAL: 14.29

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	1285214	Shape:	RND
Stream:	Squallicum Cr	Material:	CST
Trib To:	Bellingham Bay	Span (m):	1.19
Owner:	Private	Length (m):	11.50
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Slope	Lineal Gain (m):	2,698
Ds Barriers:	0	Spawn Area (m2):	200
Us Barriers:	1	Rear Area (m2):	20,924

PI TOTAL: 14.29

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	1285214	Shape:	RND
Stream:	Squallicum Cr	Material:	CST
Trib To:	Bellingham Bay	Span (m):	1.22
Owner:	Private	Length (m):	11.89
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Slope	Lineal Gain (m):	2,698
Ds Barriers:	0	Spawn Area (m2):	200
Us Barriers:	1	Rear Area (m2):	20,924

Culvert Shape: RND = Round, BOX = Rectangular, ARCH = Bottomless arch, SQSH = Pipe arch, ELL = Ellipse, OTH = Other.

Culvert Material: PCC = Pre-cast concrete, CPC = Cast in place concrete, CST = Corrugated steel, SST = Smooth Steel, CAL = Corrugated aluminum, SPS = Structuural plate steel, SPA = Structural plate aluminum, PVC = Plastic, TMB = Timber, MRY = Masonary, OTH = Other

Chuckanut Foothills Culvert Barriers:

PI TOTAL: **14.15**

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	01.0560 0.83	Shape:	RND
Stream:	Toad Lk Cr	Material:	PCC
Trib To:	Squallicum Cr	Span (m):	0.91
Owner:	Private	Length (m):	9.28
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Slope;Outfall	Lineal Gain (m):	581
Ds Barriers:	3	Spawn Area (m2):	669
Us Barriers:	3	Rear Area (m2):	1,170

PI TOTAL: **14.12**

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	993006	Shape:	RND
Stream:	SF Baker Cr	Material:	PCC
Trib To:	Baker Cr	Span (m):	1.52
Owner:	City	Length (m):	31.91
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Velocity	Lineal Gain (m):	6,064
Ds Barriers:	3	Spawn Area (m2):	935
Us Barriers:	12	Rear Area (m2):	6,093

PI TOTAL: **13.41**

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GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	991803	Shape:	RND
Stream:	Toad Lk Cr	Material:	PCC
Trib To:	Squallicum Cr	Span (m):	1.55
Owner:	State	Length (m):	62.48
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Outfall;Slope	Lineal Gain (m):	1,591
Ds Barriers:		Spawn Area (m2):	1,832
Us Barriers:	5	Rear Area (m2):	3,204

PI TOTAL: **13.32**

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	994383	Shape:	RND
Stream:	Spring Cr	Material:	PCC
Trib To:	Baker Cr	Span (m):	0.91
Owner:	Private	Length (m):	4.50
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Velocity, Slope Bre	Lineal Gain (m):	406
Ds Barriers:	12	Spawn Area (m2):	462
Us Barriers:	2	Rear Area (m2):	647

Culvert Shape: RND = Round, BOX = Rectangular, ARCH = Bottomless arch, SQSH = Pipe arch, ELL = Ellipse, OTH = Other.

Culvert Material: PCC = Pre-cast concrete, CPC = Cast in place concrete, CST = Corrugated steel, SST = Smooth Steel, CAL = Corrugated aluminum, SPS = Structuural plate steel, SPA = Structural plate aluminum, PVC = Plastic, TMB = Timber, MRY = Masonary, OTH = Other

Chuckanut Foothills Culvert Barriers:

PI TOTAL: **13.32**

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	994383	Shape:	RND
Stream:	Spring Cr	Material:	PCC
Trib To:	Baker Cr	Span (m):	0.91
Owner:	Private	Length (m):	4.50
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Velocity, Slope Bre	Lineal Gain (m):	406
Ds Barriers:	12	Spawn Area (m2):	462
Us Barriers:	2	Rear Area (m2):	647

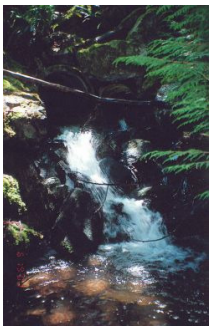
PI TOTAL: **13.22**

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	994384	Shape:	RND
Stream:	Spring Cr	Material:	OTH
Trib To:	Baker Cr	Span (m):	0.91
Owner:	Private	Length (m):	3.50
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Velocity	Lineal Gain (m):	195
Ds Barriers:	13	Spawn Area (m2):	222
Us Barriers:	1	Rear Area (m2):	309

PI TOTAL: **12.73**

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	1285202	Shape:	RND
Stream:	Unnamed	Material:	PCC
Trib To:	McCormick Cr	Span (m):	1.46
Owner:	Private	Length (m):	6.70
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Gradient	Lineal Gain (m):	1,681
Ds Barriers:	1	Spawn Area (m2):	85
Us Barriers:	4	Rear Area (m2):	711

PI TOTAL: **12.63**



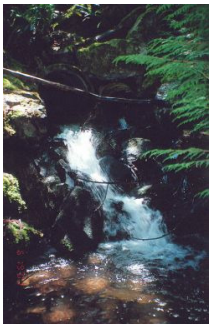
GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	01.0560 0.96	Shape:	RND
Stream:	Toad Lk Cr	Material:	PCC
Trib To:	Squallicum Cr	Span (m):	0.45
Owner:	County	Length (m):	9.42
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Slope;Outfall	Lineal Gain (m):	370
Ds Barriers:	5	Spawn Area (m2):	426
Us Barriers:	1	Rear Area (m2):	745

Culvert Shape: RND = Round, BOX = Rectangular, ARCH = Bottomless arch, SQSH = Pipe arch, ELL = Ellipse, OTH = Other.

Culvert Material: PCC = Pre-cast concrete, CPC = Cast in place concrete, CST = Corrugated steel, SST = Smooth Steel, CAL = Corrugated aluminum, SPS = Structuural plate steel, SPA = Structural plate aluminum, PVC = Plastic, TMB = Timber, MRY = Masonary, OTH = Other

Chuckanut Foothills Culvert Barriers:

PI TOTAL: 12.63



GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	01.0560 0.96	Shape:	RND
Stream:	Toad Lk Cr	Material:	PCC
Trib To:	Squallicum Cr	Span (m):	0.91
Owner:	County	Length (m):	23.96
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Slope;Outfall	Lineal Gain (m):	370
Ds Barriers:	5	Spawn Area (m2):	426
Us Barriers:	1	Rear Area (m2):	745

PI TOTAL: 12.44

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	994112	Shape:	RND
Stream:	Spring Cr	Material:	PCC
Trib To:	Baker Cr	Span (m):	0.76
Owner:	County	Length (m):	15.81
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Velocity, Slope	Lineal Gain (m):	
Ds Barriers:	13	Spawn Area (m2):	36
Us Barriers:	0	Rear Area (m2):	559

PI TOTAL: 12.35

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	990581	Shape:	RND
Stream:	Unnamed	Material:	PCC
Trib To:	Chuckanut Cr	Span (m):	0.61
Owner:	State	Length (m):	50.17
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Slope;Outfall	Lineal Gain (m):	1,138
Ds Barriers:	1	Spawn Area (m2):	250
Us Barriers:	6	Rear Area (m2):	4,842

PI TOTAL: 12.21

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	1285211	Shape:	RND
Stream:	Unnamed	Material:	CST
Trib To:	McCormick Cr	Span (m):	1.07
Owner:	Private	Length (m):	5.80
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Slope	Lineal Gain (m):	1,624
Ds Barriers:	0	Spawn Area (m2):	125
Us Barriers:	2	Rear Area (m2):	448

Culvert Shape: RND = Round, BOX = Rectangular, ARCH = Bottomless arch, SQSH = Pipe arch, ELL = Ellipse, OTH = Other.

Culvert Material: PCC = Pre-cast concrete, CPC = Cast in place concrete, CST = Corrugated steel, SST = Smooth Steel, CAL = Corrugated aluminum, SPS = Structuural plate steel, SPA = Structural plate aluminum, PVC = Plastic, TMB = Timber, MRY = Masonary, OTH = Other

Chuckanut Foothills Culvert Barriers:

PI TOTAL: **12.21**

GENERAL INFORMATION

Site ID:	1285211
Stream:	Unnamed
Trib To:	McCormick Cr
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	1.07
Length (m):	5.80

BARRIER STATUS

Problem:	Slope
Ds Barriers:	0
Us Barriers:	2

HABITAT GAIN

Lineal Gain (m):	1,624
Spawn Area (m2):	125
Rear Area (m2):	448

PI TOTAL: **11.51**

GENERAL INFORMATION

Site ID:	993482
Stream:	Unnamed
Trib To:	Chuckanut Cr
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.30
Length (m):	8.60

BARRIER STATUS

Problem:	Slope
Ds Barriers:	3
Us Barriers:	4

HABITAT GAIN

Lineal Gain (m):	263
Spawn Area (m2):	41
Rear Area (m2):	1,980

PI TOTAL: **11.51**

GENERAL INFORMATION

Site ID:	993483
Stream:	Unnamed
Trib To:	Chuckanut Cr
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	SST
Span (m):	0.38
Length (m):	3.23

BARRIER STATUS

Problem:	Undersized
Ds Barriers:	2
Us Barriers:	5

HABITAT GAIN

Lineal Gain (m):	283
Spawn Area (m2):	41
Rear Area (m2):	1,980

PI TOTAL: **11.51**

GENERAL INFORMATION

Site ID:	993483
Stream:	Unnamed
Trib To:	Chuckanut Cr
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	SST
Span (m):	0.38
Length (m):	3.53

BARRIER STATUS

Problem:	Undersized
Ds Barriers:	2
Us Barriers:	5

HABITAT GAIN

Lineal Gain (m):	283
Spawn Area (m2):	41
Rear Area (m2):	1,980

Culvert Shape: RND = Round, BOX = Rectangular, ARCH = Bottomless arch, SQSH = Pipe arch, ELL = Ellipse, OTH = Other.

Culvert Material: PCC = Pre-cast concrete, CPC = Cast in place concrete, CST = Corrugated steel, SST = Smooth Steel, CAL = Corrugated aluminum, SPS = Structuural plate steel, SPA = Structural plate aluminum, PVC = Plastic, TMB = Timber, MRY = Masonary, OTH = Other

Chuckanut Foothills Culvert Barriers:

PI TOTAL: **11.46**

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	1285215	Shape:	RND
Stream:	Squallicum Cr	Material:	CST
Trib To:	Bellingham Bay	Span (m):	1.28
Owner:	Private	Length (m):	6.10
BARRIER STATUS		**HABITAT GAIN**	
Problem:	slope	Lineal Gain (m):	1,196
Ds Barriers:	1	Spawn Area (m2):	0
Us Barriers:	0	Rear Area (m2):	19,199

PI TOTAL: **10.92**

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	994267	Shape:	RND
Stream:	SF Baker Cr	Material:	PVC
Trib To:	Baker Cr	Span (m):	0.47
Owner:	Private	Length (m):	4.52
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Velocity	Lineal Gain (m):	441
Ds Barriers:	15	Spawn Area (m2):	68
Us Barriers:	0	Rear Area (m2):	571

PI TOTAL: **10.92**

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	994267	Shape:	RND
Stream:	SF Baker Cr	Material:	PVC
Trib To:	Baker Cr	Span (m):	0.47
Owner:	Private	Length (m):	4.58
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Slope and Velocity.	Lineal Gain (m):	441
Ds Barriers:	15	Spawn Area (m2):	68
Us Barriers:	0	Rear Area (m2):	571

PI TOTAL: **10.78**

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	370399	Shape:	BOX
Stream:	McCormick Cr	Material:	PCC
Trib To:	Squallicum Cr	Span (m):	1.83
Owner:	County	Length (m):	12.82
BARRIER STATUS		**HABITAT GAIN**	
Problem:	slope	Lineal Gain (m):	4,051
Ds Barriers:	1	Spawn Area (m2):	0
Us Barriers:	2	Rear Area (m2):	3,516

Culvert Shape: RND = Round, BOX = Rectangular, ARCH = Bottomless arch, SQSH = Pipe arch, ELL = Ellipse, OTH = Other.

Culvert Material: PCC = Pre-cast concrete, CPC = Cast in place concrete, CST = Corrugated steel, SST = Smooth Steel, CAL = Corrugated aluminum, SPS = Structuural plate steel, SPA = Structural plate aluminum, PVC = Plastic, TMB = Timber, MRY = Masonary, OTH = Other

Chuckanut Foothills Culvert Barriers:

PI TOTAL: **10.00**

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	1285208	Shape:	RND
Stream:	Unnamed	Material:	CST
Trib To:	McCormick Cr	Span (m):	0.88
Owner:	Private	Length (m):	5.52
BARRIER STATUS		**HABITAT GAIN**	
Problem:	velocity	Lineal Gain (m):	666
Ds Barriers:	4	Spawn Area (m2):	18
Us Barriers:	1	Rear Area (m2):	343

PI TOTAL: **9.47**

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	993881	Shape:	RND
Stream:	Unnamed	Material:	PCC
Trib To:	SF Baker Cr	Span (m):	0.61
Owner:	City	Length (m):	25.73
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Velocity	Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

PI TOTAL: **9.04**

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	370596	Shape:	RND
Stream:	McCormick Cr	Material:	CAL
Trib To:	Squallicum Cr	Span (m):	0.91
Owner:	County	Length (m):	18.29
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Slope	Lineal Gain (m):	440
Ds Barriers:	5	Spawn Area (m2):	12
Us Barriers:	0	Rear Area (m2):	230

PI TOTAL: **8.56**

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	1285207	Shape:	RND
Stream:	Unnamed	Material:	PCC
Trib To:	McCormick Cr	Span (m):	0.30
Owner:	Private	Length (m):	3.70
BARRIER STATUS		**HABITAT GAIN**	
Problem:	slope	Lineal Gain (m):	727
Ds Barriers:	3	Spawn Area (m2):	20
Us Barriers:	2	Rear Area (m2):	375

Culvert Shape: RND = Round, BOX = Rectangular, ARCH = Bottomless arch, SQSH = Pipe arch, ELL = Ellipse, OTH = Other.

Culvert Material: PCC = Pre-cast concrete, CPC = Cast in place concrete, CST = Corrugated steel, SST = Smooth Steel, CAL = Corrugated aluminum, SPS = Structuural plate steel, SPA = Structural plate aluminum, PVC = Plastic, TMB = Timber, MRY = Masonary, OTH = Other

Chuckanut Foothills Culvert Barriers:

PI TOTAL: **8.56**

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	1285207	Shape:	RND
Stream:	Unnamed	Material:	PCC
Trib To:	McCormick Cr	Span (m):	0.30
Owner:	Private	Length (m):	3.70
BARRIER STATUS		**HABITAT GAIN**	
Problem:	slope	Lineal Gain (m):	727
Ds Barriers:	3	Spawn Area (m2):	20
Us Barriers:	2	Rear Area (m2):	375

PI TOTAL: **7.74**

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	1285194	Shape:	RND
Stream:	Unnamed	Material:	CST
Trib To:	McCormick Cr	Span (m):	1.22
Owner:	Private	Length (m):	17.80
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Slope	Lineal Gain (m):	507
Ds Barriers:	1	Spawn Area (m2):	13
Us Barriers:	1	Rear Area (m2):	92

PI TOTAL: **7.17**

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	991973	Shape:	RND
Stream:	Baker Cr	Material:	OTH
Trib To:	Squallicum Cr	Span (m):	0.91
Owner:	State	Length (m):	54.35
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Slope	Lineal Gain (m):	792
Ds Barriers:	3	Spawn Area (m2):	710
Us Barriers:	1	Rear Area (m2):	1,562

PI TOTAL: **6.48**

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	370316	Shape:	RND
Stream:	McCormick Cr	Material:	CAL
Trib To:	Squallicum Cr	Span (m):	0.91
Owner:	County	Length (m):	30.11
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Slope	Lineal Gain (m):	1,761
Ds Barriers:	2	Spawn Area (m2):	0
Us Barriers:	1	Rear Area (m2):	226

Culvert Shape: RND = Round, BOX = Rectangular, ARCH = Bottomless arch, SQSH = Pipe arch, ELL = Ellipse, OTH = Other.

Culvert Material: PCC = Pre-cast concrete, CPC = Cast in place concrete, CST = Corrugated steel, SST = Smooth Steel, CAL = Corrugated aluminum, SPS = Structuural plate steel, SPA = Structural plate aluminum, PVC = Plastic, TMB = Timber, MRY = Masonary, OTH = Other

Chuckanut Foothills Culvert Barriers:

PI TOTAL: **6.37**

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	1280212	Shape:	RND
Stream:	Silver 3 Cr	Material:	PCC
Trib To:	Nooksack R	Span (m):	0.65
Owner:	Private	Length (m):	6.10
BARRIER STATUS		**HABITAT GAIN**	
Problem:		Lineal Gain (m):	620
Ds Barriers:	2	Spawn Area (m2):	0
Us Barriers:	0	Rear Area (m2):	429

PI TOTAL: **6.37**

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	1280212	Shape:	RND
Stream:	Silver 3 Cr	Material:	SST
Trib To:	Nooksack R	Span (m):	0.65
Owner:	Private	Length (m):	6.90
BARRIER STATUS		**HABITAT GAIN**	
Problem:	slope	Lineal Gain (m):	620
Ds Barriers:	2	Spawn Area (m2):	0
Us Barriers:	0	Rear Area (m2):	429

PI TOTAL: **5.18**

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	992000	Shape:	RND
Stream:	Baker Cr	Material:	CST
Trib To:	Squallicum Cr	Span (m):	1.07
Owner:	Unknown	Length (m):	47.76
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Slope	Lineal Gain (m):	651
Ds Barriers:	3	Spawn Area (m2):	584
Us Barriers:	0	Rear Area (m2):	1,284

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	370652	Shape:	SQSH
Stream:	Cemetary Cr	Material:	CST
Trib To:	Whatcom Cr	Span (m):	1.34
Owner:	City	Length (m):	21.60
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Slope	Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

Culvert Shape: RND = Round, BOX = Rectangular, ARCH = Bottomless arch, SQSH = Pipe arch, ELL = Ellipse, OTH = Other.

Culvert Material: PCC = Pre-cast concrete, CPC = Cast in place concrete, CST = Corrugated steel, SST = Smooth Steel, CAL = Corrugated aluminum, SPS = Structuural plate steel, SPA = Structural plate aluminum, PVC = Plastic, TMB = Timber, MRY = Masonary, OTH = Other

Chuckanut Foothills Culvert Barriers:

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	370648	Shape:	ELL
Stream:	Cemetary Cr	Material:	CST
Trib To:	Whatcom Cr	Span (m):	0.91
Owner:	City	Length (m):	25.00
BARRIER STATUS		**HABITAT GAIN**	
Problem:	slope	Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

PI TOTAL:

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	1280310	Shape:	RND
Stream:	Chuckanut Cr	Material:	CST
Trib To:	Chuckanut Bay	Span (m):	1.86
Owner:	Private	Length (m):	12.30
BARRIER STATUS		**HABITAT GAIN**	
Problem:	velocity	Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	370665	Shape:	RND
Stream:	Hannah Cr	Material:	PCC
Trib To:	Whatcom Cr	Span (m):	0.91
Owner:	City	Length (m):	16.80
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Slope	Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	370662	Shape:	RND
Stream:	Fever Cr	Material:	CST
Trib To:	Whatcom Cr	Span (m):	0.91
Owner:	City	Length (m):	7.90
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Slope	Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

Culvert Shape: RND = Round, BOX = Rectangular, ARCH = Bottomless arch, SQSH = Pipe arch, ELL = Ellipse, OTH = Other.

Culvert Material: PCC = Pre-cast concrete, CPC = Cast in place concrete, CST = Corrugated steel, SST = Smooth Steel, CAL = Corrugated aluminum, SPS = Structuural plate steel, SPA = Structural plate aluminum, PVC = Plastic, TMB = Timber, MRY = Masonary, OTH = Other

Chuckanut Foothills Culvert Barriers:

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	370650	Shape:	RND
Stream:	Cemetary Cr	Material:	PCC
Trib To:	Whatcom Cr	Span (m):	0.91
Owner:	City	Length (m):	39.60
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Outfall drop	Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	370647	Shape:	BOX
Stream:	Whatcom Cr	Material:	PCC
Trib To:	Bellingham Bay	Span (m):	3.05
Owner:	City	Length (m):	38.10
BARRIER STATUS		**HABITAT GAIN**	
Problem:		Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	370652	Shape:	RND
Stream:	Cemetary Cr	Material:	CST
Trib To:	Whatcom Cr	Span (m):	1.22
Owner:	City	Length (m):	15.85
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Slope	Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	370653	Shape:	SQSH
Stream:	Cemetary Cr	Material:	CST
Trib To:	Whatcom Cr	Span (m):	1.31
Owner:	City	Length (m):	33.80
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Slope	Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

Culvert Shape: RND = Round, BOX = Rectangular, ARCH = Bottomless arch, SQSH = Pipe arch, ELL = Ellipse, OTH = Other.

Culvert Material: PCC = Pre-cast concrete, CPC = Cast in place concrete, CST = Corrugated steel, SST = Smooth Steel, CAL = Corrugated aluminum, SPS = Structuural plate steel, SPA = Structural plate aluminum, PVC = Plastic, TMB = Timber, MRY = Masonary, OTH = Other

Chuckanut Foothills Culvert Barriers:

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	370657	Shape:	RND
Stream:	unnamed	Material:	PCC
Trib To:	Cemetary Cr	Span (m):	0.61
Owner:	City	Length (m):	19.20
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Slope	Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	370657	Shape:	RND
Stream:	unnamed	Material:	PCC
Trib To:	Cemetary Cr	Span (m):	0.61
Owner:	City	Length (m):	19.20
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Slope	Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	370658	Shape:	RND
Stream:	Cemetary Cr	Material:	PCC
Trib To:	Whatcom Cr	Span (m):	1.37
Owner:	City	Length (m):	76.20
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Slope	Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	370659	Shape:	RND
Stream:	Fever Cr	Material:	PCC
Trib To:	Whatcom Cr	Span (m):	0.91
Owner:	City	Length (m):	32.30
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Slope	Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

Culvert Shape: RND = Round, BOX = Rectangular, ARCH = Bottomless arch, SQSH = Pipe arch, ELL = Ellipse, OTH = Other.

Culvert Material: PCC = Pre-cast concrete, CPC = Cast in place concrete, CST = Corrugated steel, SST = Smooth Steel, CAL = Corrugated aluminum, SPS = Structuural plate steel, SPA = Structural plate aluminum, PVC = Plastic, TMB = Timber, MRY = Masonary, OTH = Other

Chuckanut Foothills Culvert Barriers:

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	370660	Shape:	RND
Stream:	Fever Cr	Material:	CST
Trib To:	Whatcom Cr	Span (m):	1.20
Owner:	City	Length (m):	91.40
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Slope	Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	370661	Shape:	RND
Stream:	Fever Cr	Material:	PCC
Trib To:	Whatcom Cr	Span (m):	1.22
Owner:	City	Length (m):	91.44
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Slope	Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	370649	Shape:	RND
Stream:	Cemetary Cr	Material:	PCC
Trib To:	Whatcom Cr	Span (m):	0.61
Owner:	City	Length (m):	53.30
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Slope	Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	370440	Shape:	RND
Stream:	Chuckanut Cr	Material:	CST
Trib To:	Chuckanut Bay	Span (m):	1.83
Owner:	County	Length (m):	28.65
BARRIER STATUS		**HABITAT GAIN**	
Problem:		Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

Culvert Shape: RND = Round, BOX = Rectangular, ARCH = Bottomless arch, SQSH = Pipe arch, ELL = Ellipse, OTH = Other.

Culvert Material: PCC = Pre-cast concrete, CPC = Cast in place concrete, CST = Corrugated steel, SST = Smooth Steel, CAL = Corrugated aluminum, SPS = Structuural plate steel, SPA = Structural plate aluminum, PVC = Plastic, TMB = Timber, MRY = Masonary, OTH = Other

Chuckanut Foothills Culvert Barriers:

PI TOTAL:

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	1285216	Shape:	RND
Stream:	Squallicum Cr	Material:	CST
Trib To:	Bellingham Bay	Span (m):	1.21
Owner:	Private	Length (m):	6.10
BARRIER STATUS		**HABITAT GAIN**	
Problem:		Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	370666	Shape:	RND
Stream:	Hannah Cr	Material:	PCC
Trib To:	Whatcom Cr	Span (m):	0.76
Owner:	City	Length (m):	22.60
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Slope	Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

PI TOTAL:

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	1280310	Shape:	RND
Stream:	Chuckanut Cr	Material:	CST
Trib To:	Chuckanut Bay	Span (m):	1.86
Owner:	Private	Length (m):	12.30
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Velocity	Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

PI TOTAL:

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	370161	Shape:	RND
Stream:	Fragrance Cr	Material:	PCC
Trib To:	Chuckanut Bay	Span (m):	0.91
Owner:	County	Length (m):	56.39
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Outfall drop	Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

Culvert Shape: RND = Round, BOX = Rectangular, ARCH = Bottomless arch, SQSH = Pipe arch, ELL = Ellipse, OTH = Other.

Culvert Material: PCC = Pre-cast concrete, CPC = Cast in place concrete, CST = Corrugated steel, SST = Smooth Steel, CAL = Corrugated aluminum, SPS = Structuural plate steel, SPA = Structural plate aluminum, PVC = Plastic, TMB = Timber, MRY = Masonary, OTH = Other

Chuckanut Foothills Culvert Barriers:

PI TOTAL:

GENERAL INFORMATION

Site ID:	370224
Stream:	Unnamed
Trib To:	Toad Lk
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	0.61
Length (m):	25.60

BARRIER STATUS

Problem:	Outfall drop
Ds Barriers:	
Us Barriers:	

HABITAT GAIN

Lineal Gain (m):	
Spawn Area (m2):	
Rear Area (m2):	

PI TOTAL:

GENERAL INFORMATION

Site ID:	370302
Stream:	Unnamed
Trib To:	Baker Cr
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.61
Length (m):	16.76

BARRIER STATUS

Problem:	Depth
Ds Barriers:	
Us Barriers:	

HABITAT GAIN

Lineal Gain (m):	
Spawn Area (m2):	
Rear Area (m2):	

PI TOTAL:

GENERAL INFORMATION

Site ID:	370313
Stream:	Unnamed
Trib To:	Spring Cr
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.61
Length (m):	12.80

BARRIER STATUS

Problem:	Slope
Ds Barriers:	
Us Barriers:	

HABITAT GAIN

Lineal Gain (m):	
Spawn Area (m2):	
Rear Area (m2):	

PI TOTAL:

No Image Available

GENERAL INFORMATION

Site ID:	370371
Stream:	Unnamed
Trib To:	McCormick Cr
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	CAL
Span (m):	0.46
Length (m):	12.19

BARRIER STATUS

Problem:	depth
Ds Barriers:	
Us Barriers:	

HABITAT GAIN

Lineal Gain (m):	
Spawn Area (m2):	
Rear Area (m2):	

Culvert Shape: RND = Round, BOX = Rectangular, ARCH = Bottomless arch, SQSH = Pipe arch, ELL = Ellipse, OTH = Other.

Culvert Material: PCC = Pre-cast concrete, CPC = Cast in place concrete, CST = Corrugated steel, SST = Smooth Steel, CAL = Corrugated aluminum, SPS = Structuural plate steel, SPA = Structural plate aluminum, PVC = Plastic, TMB = Timber, MRY = Masonary, OTH = Other

Chuckanut Foothills Culvert Barriers:

PI TOTAL:

No Image Available

GENERAL INFORMATION

Site ID:	370440
Stream:	Chuckanut Cr
Trib To:	Chuckanut Bay
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	1.83
Length (m):	28.65

BARRIER STATUS

Problem:

Ds Barriers:

Us Barriers:

HABITAT GAIN

Lineal Gain (m):

Spawn Area (m2):

Rear Area (m2):

PI TOTAL:

GENERAL INFORMATION

Site ID:	1285217
Stream:	Squallicum Cr
Trib To:	Bellingham Bay
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	1.22
Length (m):	6.10

BARRIER STATUS

Problem:

Ds Barriers:

Us Barriers:

HABITAT GAIN

Lineal Gain (m):

Spawn Area (m2):

Rear Area (m2):

PI TOTAL:

No Image Available

GENERAL INFORMATION

Site ID:	370647
Stream:	Whatcom Cr
Trib To:	Bellingham Bay
Owner:	City

CULVERT ATTRIBUTES

Shape:	BOX
Material:	PCC
Span (m):	3.05
Length (m):	38.10

BARRIER STATUS

Problem:

Ds Barriers:

Us Barriers:

HABITAT GAIN

Lineal Gain (m):

Spawn Area (m2):

Rear Area (m2):

PI TOTAL:

No Image Available

GENERAL INFORMATION

Site ID:	1285218
Stream:	Squallicum Cr
Trib To:	Bellingham Bay
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	1.22
Length (m):	9.14

BARRIER STATUS

Problem:

Ds Barriers:

Us Barriers:

HABITAT GAIN

Lineal Gain (m):

Spawn Area (m2):

Rear Area (m2):

Culvert Shape: RND = Round, BOX = Rectangular, ARCH = Bottomless arch, SQSH = Pipe arch, ELL = Ellipse, OTH = Other.

Culvert Material: PCC = Pre-cast concrete, CPC = Cast in place concrete, CST = Corrugated steel, SST = Smooth Steel, CAL = Corrugated aluminum, SPS = Structuural plate steel, SPA = Structural plate aluminum, PVC = Plastic, TMB = Timber, MRY = Masonary, OTH = Other

Chuckanut Foothills Culvert Barriers:

PI TOTAL:

GENERAL INFORMATION

Site ID:	370441
Stream:	Unnamed
Trib To:	Chuckanut Cr
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	CAL
Span (m):	0.91
Length (m):	19.20

BARRIER STATUS

Problem:	Outfall drop
Ds Barriers:	
Us Barriers:	

HABITAT GAIN

Lineal Gain (m):	
Spawn Area (m2):	
Rear Area (m2):	

PI TOTAL:

GENERAL INFORMATION

Site ID:	370480
Stream:	Bear Cr
Trib To:	Chuckanut Cr
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	1.52
Length (m):	57.91

BARRIER STATUS

Problem:	Slope
Ds Barriers:	
Us Barriers:	

HABITAT GAIN

Lineal Gain (m):	
Spawn Area (m2):	
Rear Area (m2):	

PI TOTAL:

GENERAL INFORMATION

Site ID:	370481
Stream:	Chuckanut Cr
Trib To:	Chuckanut Bay
Owner:	County

CULVERT ATTRIBUTES

Shape:	BOX
Material:	PCC
Span (m):	2.44
Length (m):	35.05

BARRIER STATUS

Problem:	Slope
Ds Barriers:	
Us Barriers:	

HABITAT GAIN

Lineal Gain (m):	
Spawn Area (m2):	
Rear Area (m2):	

PI TOTAL:

GENERAL INFORMATION

Site ID:	370604
Stream:	Unnamed
Trib To:	Squallicum Lk
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.46
Length (m):	11.28

BARRIER STATUS

Problem:	Slope
Ds Barriers:	
Us Barriers:	

HABITAT GAIN

Lineal Gain (m):	
Spawn Area (m2):	
Rear Area (m2):	

Culvert Shape: RND = Round, BOX = Rectangular, ARCH = Bottomless arch, SQSH = Pipe arch, ELL = Ellipse, OTH = Other.

Culvert Material: PCC = Pre-cast concrete, CPC = Cast in place concrete, CST = Corrugated steel, SST = Smooth Steel, CAL = Corrugated aluminum, SPS = Structuural plate steel, SPA = Structural plate aluminum, PVC = Plastic, TMB = Timber, MRY = Masonary, OTH = Other

Chuckanut Foothills Culvert Barriers:

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	370645	Shape:	RND
Stream:	Connelly Cr	Material:	PCC
Trib To:	Padden Cr	Span (m):	0.91
Owner:	City	Length (m):	16.20
BARRIER STATUS		**HABITAT GAIN**	
Problem:	slope	Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	370646	Shape:	SQSH
Stream:	Chuckanut Cr	Material:	PCC
Trib To:	Chuckanut Bay	Span (m):	6.10
Owner:	Private	Length (m):	38.10
BARRIER STATUS		**HABITAT GAIN**	
Problem:		Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	370647	Shape:	BOX
Stream:	Whatcom Cr	Material:	PCC
Trib To:	Bellingham Bay	Span (m):	3.05
Owner:	City	Length (m):	38.10
BARRIER STATUS		**HABITAT GAIN**	
Problem:		Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

PI TOTAL:

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	370397	Shape:	RND
Stream:	Unnamed	Material:	CAL
Trib To:	McCormick Cr	Span (m):	0.61
Owner:	County	Length (m):	18.85
BARRIER STATUS		**HABITAT GAIN**	
Problem:	slope	Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

Culvert Shape: RND = Round, BOX = Rectangular, ARCH = Bottomless arch, SQSH = Pipe arch, ELL = Ellipse, OTH = Other.

Culvert Material: PCC = Pre-cast concrete, CPC = Cast in place concrete, CST = Corrugated steel, SST = Smooth Steel, CAL = Corrugated aluminum, SPS = Structuural plate steel, SPA = Structural plate aluminum, PVC = Plastic, TMB = Timber, MRY = Masonary, OTH = Other

Chuckanut Foothills Culvert Barriers:

PI TOTAL:

GENERAL INFORMATION

Site ID:	993885
Stream:	MF Baker Cr
Trib To:	Baker Cr
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	0.46
Length (m):	9.11

BARRIER STATUS

Problem:	Slope
Ds Barriers:	
Us Barriers:	

HABITAT GAIN

Lineal Gain (m):	
Spawn Area (m2):	
Rear Area (m2):	

PI TOTAL:

No Image Available

GENERAL INFORMATION

Site ID:	990435
Stream:	Squallicum Cr
Trib To:	Bellingham Bay
Owner:	City

CULVERT ATTRIBUTES

Shape:	RND
Material:	CAL
Span (m):	3.00
Length (m):	

BARRIER STATUS

Problem:	
Ds Barriers:	
Us Barriers:	

HABITAT GAIN

Lineal Gain (m):	
Spawn Area (m2):	
Rear Area (m2):	

PI TOTAL:

GENERAL INFORMATION

Site ID:	994386
Stream:	Padden Cr
Trib To:	Bellingham Bay
Owner:	State

CULVERT ATTRIBUTES

Shape:	BOX
Material:	CPC
Span (m):	1.50
Length (m):	24.57

BARRIER STATUS

Problem:	Slope
Ds Barriers:	0
Us Barriers:	1

HABITAT GAIN

Lineal Gain (m):	
Spawn Area (m2):	
Rear Area (m2):	

PI TOTAL:

No Image Available

GENERAL INFORMATION

Site ID:	994375
Stream:	Padden Cr
Trib To:	Bellingham Bay
Owner:	City

CULVERT ATTRIBUTES

Shape:	BOX
Material:	CPC
Span (m):	2.40
Length (m):	24.35

BARRIER STATUS

Problem:	
Ds Barriers:	
Us Barriers:	

HABITAT GAIN

Lineal Gain (m):	
Spawn Area (m2):	
Rear Area (m2):	

Culvert Shape: RND = Round, BOX = Rectangular, ARCH = Bottomless arch, SQSH = Pipe arch, ELL = Ellipse, OTH = Other.

Culvert Material: PCC = Pre-cast concrete, CPC = Cast in place concrete, CST = Corrugated steel, SST = Smooth Steel, CAL = Corrugated aluminum, SPS = Structuural plate steel, SPA = Structural plate aluminum, PVC = Plastic, TMB = Timber, MRY = Masonary, OTH = Other

Chuckanut Foothills Culvert Barriers:

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	994370	Shape:	RND
Stream:	Padden Cr	Material:	PCC
Trib To:	Bellingham Bay	Span (m):	0.91
Owner:	City	Length (m):	19.73
BARRIER STATUS		**HABITAT GAIN**	
Problem:	slope	Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	994370	Shape:	RND
Stream:	Padden Cr	Material:	PCC
Trib To:	Bellingham Bay	Span (m):	0.91
Owner:	City	Length (m):	19.73
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Slope	Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	994387	Shape:	ARCH
Stream:	Padden Cr	Material:	CAL
Trib To:	Bellingham Bay	Span (m):	4.20
Owner:	City	Length (m):	12.01
BARRIER STATUS		**HABITAT GAIN**	
Problem:	None	Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

PI TOTAL:

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	994110	Shape:	RND
Stream:	Unnamed	Material:	PCC
Trib To:	Spring Cr	Span (m):	0.46
Owner:	County	Length (m):	11.00
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Slope	Lineal Gain (m):	0
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

Culvert Shape: RND = Round, BOX = Rectangular, ARCH = Bottomless arch, SQSH = Pipe arch, ELL = Ellipse, OTH = Other.

Culvert Material: PCC = Pre-cast concrete, CPC = Cast in place concrete, CST = Corrugated steel, SST = Smooth Steel, CAL = Corrugated aluminum, SPS = Structuural plate steel, SPA = Structural plate aluminum, PVC = Plastic, TMB = Timber, MRY = Masonary, OTH = Other

Chuckanut Foothills Culvert Barriers:

PI TOTAL:

GENERAL INFORMATION

Site ID:	994389
Stream:	Padden Cr
Trib To:	Bellingham Bay
Owner:	State

CULVERT ATTRIBUTES

Shape:	RND
Material:	CPC
Span (m):	1.52
Length (m):	704.00

BARRIER STATUS

Problem:	Length;Undersized
Ds Barriers:	0
Us Barriers:	0

HABITAT GAIN

Lineal Gain (m):	
Spawn Area (m2):	
Rear Area (m2):	

PI TOTAL:

GENERAL INFORMATION

Site ID:	993885
Stream:	MF Baker Cr
Trib To:	Baker Cr
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	0.46
Length (m):	9.38

BARRIER STATUS

Problem:	Slope
Ds Barriers:	
Us Barriers:	

HABITAT GAIN

Lineal Gain (m):	
Spawn Area (m2):	
Rear Area (m2):	

PI TOTAL:

GENERAL INFORMATION

Site ID:	995796
Stream:	Unnamed
Trib To:	Chuckanut Cr
Owner:	State

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.61
Length (m):	

BARRIER STATUS

Problem:	Outfall
Ds Barriers:	0
Us Barriers:	2

HABITAT GAIN

Lineal Gain (m):	321
Spawn Area (m2):	
Rear Area (m2):	

PI TOTAL:

GENERAL INFORMATION

Site ID:	992987
Stream:	SF Baker Cr
Trib To:	Baker Cr
Owner:	State

CULVERT ATTRIBUTES

Shape:	SQSH
Material:	CST
Span (m):	2.39
Length (m):	124.90

BARRIER STATUS

Problem:	Velocity
Ds Barriers:	
Us Barriers:	

HABITAT GAIN

Lineal Gain (m):	
Spawn Area (m2):	
Rear Area (m2):	

Culvert Shape: RND = Round, BOX = Rectangular, ARCH = Bottomless arch, SQSH = Pipe arch, ELL = Ellipse, OTH = Other.

Culvert Material: PCC = Pre-cast concrete, CPC = Cast in place concrete, CST = Corrugated steel, SST = Smooth Steel, CAL = Corrugated aluminum, SPS = Structuural plate steel, SPA = Structural plate aluminum, PVC = Plastic, TMB = Timber, MRY = Masonary, OTH = Other

Chuckanut Foothills Culvert Barriers:

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	991180	Shape:	ARCH
Stream:	Squallicum Cr	Material:	PCC
Trib To:	Bellingham Bay	Span (m):	5.00
Owner:	City	Length (m):	

BARRIER STATUS		HABITAT GAIN	
Problem:		Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	991178	Shape:	BOX
Stream:	Squallicum Cr	Material:	PCC
Trib To:	Bellingham Bay	Span (m):	5.00
Owner:	City	Length (m):	

BARRIER STATUS		HABITAT GAIN	
Problem:		Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	991178	Shape:	BOX
Stream:	Squallicum Cr	Material:	PCC
Trib To:	Bellingham Bay	Span (m):	5.00
Owner:	City	Length (m):	

BARRIER STATUS		HABITAT GAIN	
Problem:		Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

PI TOTAL:

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	994110	Shape:	RND
Stream:	Unnamed	Material:	PCC
Trib To:	Spring Cr	Span (m):	0.76
Owner:	County	Length (m):	10.94

BARRIER STATUS		HABITAT GAIN	
Problem:	Slope	Lineal Gain (m):	0
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

Culvert Shape: RND = Round, BOX = Rectangular, ARCH = Bottomless arch, SQSH = Pipe arch, ELL = Ellipse, OTH = Other.

Culvert Material: PCC = Pre-cast concrete, CPC = Cast in place concrete, CST = Corrugated steel, SST = Smooth Steel, CAL = Corrugated aluminum, SPS = Structuural plate steel, SPA = Structural plate aluminum, PVC = Plastic, TMB = Timber, MRY = Masonary, OTH = Other

Chuckanut Foothills Culvert Barriers:

PI TOTAL:

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	995314	Shape:	RND
Stream:	Unnamed	Material:	SST
Trib To:	Chuckanut Bay	Span (m):	1.22
Owner:	State	Length (m):	38.91
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Slope	Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:	1	Rear Area (m2):	

PI TOTAL:

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	996054	Shape:	RND
Stream:	Unnamed	Material:	PCC
Trib To:	Connelly Cr	Span (m):	1.22
Owner:	City	Length (m):	22.70
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Slope;Outfall	Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	996051	Shape:	RND
Stream:	Squallicum Cr	Material:	SPS
Trib To:	Bellingham Bay	Span (m):	4.51
Owner:	City	Length (m):	16.18
BARRIER STATUS		**HABITAT GAIN**	
Problem:	None	Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

PI TOTAL:

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	996050	Shape:	RND
Stream:	Unnamed	Material:	CST
Trib To:	Connelly Cr	Span (m):	0.61
Owner:	City	Length (m):	
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Outfall	Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

Culvert Shape: RND = Round, BOX = Rectangular, ARCH = Bottomless arch, SQSH = Pipe arch, ELL = Ellipse, OTH = Other.

Culvert Material: PCC = Pre-cast concrete, CPC = Cast in place concrete, CST = Corrugated steel, SST = Smooth Steel, CAL = Corrugated aluminum, SPS = Structuural plate steel, SPA = Structural plate aluminum, PVC = Plastic, TMB = Timber, MRY = Masonary, OTH = Other

Chuckanut Foothills Culvert Barriers:

PI TOTAL:

GENERAL INFORMATION

Site ID:	996048
Stream:	Unnamed
Trib To:	Chuckanut Cr
Owner:	Unknown

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	0.39
Length (m):	5.75

BARRIER STATUS

Problem:	Outfall;Slope
Ds Barriers:	
Us Barriers:	

HABITAT GAIN

Lineal Gain (m):	
Spawn Area (m2):	
Rear Area (m2):	

PI TOTAL:

GENERAL INFORMATION

Site ID:	995705
Stream:	Unnamed
Trib To:	Connelly Cr
Owner:	State

CULVERT ATTRIBUTES

Shape:	RND
Material:	OTH
Span (m):	0.61
Length (m):	97.40

BARRIER STATUS

Problem:	Slope
Ds Barriers:	
Us Barriers:	1

HABITAT GAIN

Lineal Gain (m):	18
Spawn Area (m2):	
Rear Area (m2):	

PI TOTAL:

GENERAL INFORMATION

Site ID:	994386
Stream:	Padden Cr
Trib To:	Bellingham Bay
Owner:	State

CULVERT ATTRIBUTES

Shape:	BOX
Material:	CPC
Span (m):	1.50
Length (m):	24.51

BARRIER STATUS

Problem:	Slope
Ds Barriers:	0
Us Barriers:	1

HABITAT GAIN

Lineal Gain (m):	
Spawn Area (m2):	
Rear Area (m2):	

PI TOTAL:

GENERAL INFORMATION

Site ID:	995318
Stream:	Unnamed
Trib To:	Chuckanut Bay
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	1.51
Length (m):	26.38

BARRIER STATUS

Problem:	Slope
Ds Barriers:	1
Us Barriers:	0

HABITAT GAIN

Lineal Gain (m):	138
Spawn Area (m2):	
Rear Area (m2):	

Culvert Shape: RND = Round, BOX = Rectangular, ARCH = Bottomless arch, SQSH = Pipe arch, ELL = Ellipse, OTH = Other.

Culvert Material: PCC = Pre-cast concrete, CPC = Cast in place concrete, CST = Corrugated steel, SST = Smooth Steel, CAL = Corrugated aluminum, SPS = Structuural plate steel, SPA = Structural plate aluminum, PVC = Plastic, TMB = Timber, MRY = Masonary, OTH = Other

Chuckanut Foothills Culvert Barriers:

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	991105	Shape:	BOX
Stream:	Squallicum Cr	Material:	PCC
Trib To:	Bellingham Bay	Span (m):	6.00
Owner:	City	Length (m):	

BARRIER STATUS		HABITAT GAIN	
Problem:		Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

PI TOTAL:

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	995313	Shape:	OTH
Stream:	Unnamed	Material:	OTH
Trib To:	Pleasant Bay	Span (m):	0.76
Owner:	State	Length (m):	103.73

BARRIER STATUS		HABITAT GAIN	
Problem:	Outfall	Lineal Gain (m):	
Ds Barriers:	0	Spawn Area (m2):	
Us Barriers:	0	Rear Area (m2):	

PI TOTAL:

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	995312	Shape:	BOX
Stream:	Unnamed	Material:	CPC
Trib To:	Samish Bay	Span (m):	0.90
Owner:	State	Length (m):	20.94

BARRIER STATUS		HABITAT GAIN	
Problem:	Outfall;Slope	Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	994390	Shape:	RND
Stream:	Padden Cr	Material:	PCC
Trib To:	Bellingham Bay	Span (m):	1.37
Owner:	City	Length (m):	14.81

BARRIER STATUS		HABITAT GAIN	
Problem:		Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

Culvert Shape: RND = Round, BOX = Rectangular, ARCH = Bottomless arch, SQSH = Pipe arch, ELL = Ellipse, OTH = Other.

Culvert Material: PCC = Pre-cast concrete, CPC = Cast in place concrete, CST = Corrugated steel, SST = Smooth Steel, CAL = Corrugated aluminum, SPS = Structuural plate steel, SPA = Structural plate aluminum, PVC = Plastic, TMB = Timber, MRY = Masonary, OTH = Other

Chuckanut Foothills Culvert Barriers:

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	994390	Shape:	RND
Stream:	Padden Cr	Material:	PCC
Trib To:	Bellingham Bay	Span (m):	1.37
Owner:	City	Length (m):	14.78
BARRIER STATUS		**HABITAT GAIN**	
Problem:		Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	994390	Shape:	RND
Stream:	Padden Cr	Material:	PCC
Trib To:	Bellingham Bay	Span (m):	1.37
Owner:	City	Length (m):	14.60
BARRIER STATUS		**HABITAT GAIN**	
Problem:		Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	994390	Shape:	RND
Stream:	Padden Cr	Material:	PCC
Trib To:	Bellingham Bay	Span (m):	1.37
Owner:	City	Length (m):	14.66
BARRIER STATUS		**HABITAT GAIN**	
Problem:		Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	995699	Shape:	RND
Stream:	Unnamed	Material:	PCC
Trib To:	Connelly Cr	Span (m):	1.09
Owner:	State	Length (m):	53.41
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Outfall;Slope	Lineal Gain (m):	129
Ds Barriers:		Spawn Area (m2):	
Us Barriers:	1	Rear Area (m2):	

Culvert Shape: RND = Round, BOX = Rectangular, ARCH = Bottomless arch, SQSH = Pipe arch, ELL = Ellipse, OTH = Other.

Culvert Material: PCC = Pre-cast concrete, CPC = Cast in place concrete, CST = Corrugated steel, SST = Smooth Steel, CAL = Corrugated aluminum, SPS = Structuural plate steel, SPA = Structural plate aluminum, PVC = Plastic, TMB = Timber, MRY = Masonary, OTH = Other

Chuckanut Foothills Culvert Barriers:

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	370677	Shape:	RND
Stream:	Lincoln Cr	Material:	CST
Trib To:	Whatcom Cr	Span (m):	1.22
Owner:	City	Length (m):	18.29
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Slope	Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	370683	Shape:	RND
Stream:	W Cemetary Cr	Material:	PCC
Trib To:	Whatcom Cr	Span (m):	0.73
Owner:	City	Length (m):	27.40
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Outfall Drop	Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	370682	Shape:	RND
Stream:	E Cemetary Cr	Material:	PCC
Trib To:	Whatcom Cr	Span (m):	0.61
Owner:	City	Length (m):	25.90
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Outfall Drop	Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	370682	Shape:	RND
Stream:	E Cemetary Cr	Material:	CPC
Trib To:	Whatcom Cr	Span (m):	0.61
Owner:	City	Length (m):	25.90
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Outfall Drop	Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

Culvert Shape: RND = Round, BOX = Rectangular, ARCH = Bottomless arch, SQSH = Pipe arch, ELL = Ellipse, OTH = Other.

Culvert Material: PCC = Pre-cast concrete, CPC = Cast in place concrete, CST = Corrugated steel, SST = Smooth Steel, CAL = Corrugated aluminum, SPS = Structuural plate steel, SPA = Structural plate aluminum, PVC = Plastic, TMB = Timber, MRY = Masonary, OTH = Other

Chuckanut Foothills Culvert Barriers:

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	370681	Shape:	RND
Stream:	E Cemetary Cr	Material:	PCC
Trib To:	Whatcom Cr	Span (m):	0.91
Owner:	City	Length (m):	18.59
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Slope	Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	370680	Shape:	RND
Stream:	Unnamed	Material:	PCC
Trib To:	Cemetary Cr	Span (m):	0.76
Owner:	City	Length (m):	28.90
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Outfall Drop	Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	991178	Shape:	BOX
Stream:	Squallicum Cr	Material:	PCC
Trib To:	Bellingham Bay	Span (m):	5.00
Owner:	City	Length (m):	
BARRIER STATUS		**HABITAT GAIN**	
Problem:		Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	370678	Shape:	RND
Stream:	Lincoln Cr	Material:	CST
Trib To:	Whatcom Cr	Span (m):	1.22
Owner:	City	Length (m):	
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Slope	Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

Culvert Shape: RND = Round, BOX = Rectangular, ARCH = Bottomless arch, SQSH = Pipe arch, ELL = Ellipse, OTH = Other.

Culvert Material: PCC = Pre-cast concrete, CPC = Cast in place concrete, CST = Corrugated steel, SST = Smooth Steel, CAL = Corrugated aluminum, SPS = Structuural plate steel, SPA = Structural plate aluminum, PVC = Plastic, TMB = Timber, MRY = Masonary, OTH = Other

Chuckanut Foothills Culvert Barriers:

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	990435	Shape:	RND
Stream:	Squallicum Cr	Material:	CAL
Trib To:	Bellingham Bay	Span (m):	6.00
Owner:	City	Length (m):	

BARRIER STATUS		HABITAT GAIN	
Problem:		Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	370676	Shape:	RND
Stream:	Lincoln Cr	Material:	PCC
Trib To:	Whatcom Cr	Span (m):	0.76
Owner:	City	Length (m):	7.90

BARRIER STATUS		HABITAT GAIN	
Problem:	Slope	Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	370676	Shape:	RND
Stream:	Lincoln Cr	Material:	PCC
Trib To:	Whatcom Cr	Span (m):	1.07
Owner:	City	Length (m):	7.90

BARRIER STATUS		HABITAT GAIN	
Problem:	Slope	Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	370672	Shape:	RND
Stream:	Hannah Cr	Material:	CST
Trib To:	Whatcom Cr	Span (m):	1.07
Owner:	City	Length (m):	25.90

BARRIER STATUS		HABITAT GAIN	
Problem:	Slope	Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

Culvert Shape: RND = Round, BOX = Rectangular, ARCH = Bottomless arch, SQSH = Pipe arch, ELL = Ellipse, OTH = Other.

Culvert Material: PCC = Pre-cast concrete, CPC = Cast in place concrete, CST = Corrugated steel, SST = Smooth Steel, CAL = Corrugated aluminum, SPS = Structuural plate steel, SPA = Structural plate aluminum, PVC = Plastic, TMB = Timber, MRY = Masonary, OTH = Other

Chuckanut Foothills Culvert Barriers:

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	370670	Shape:	SQSH
Stream:	Hannah Cr	Material:	CST
Trib To:	Whatcom Cr	Span (m):	1.46
Owner:	City	Length (m):	31.10
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Slope	Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	370670	Shape:	SQSH
Stream:	Hannah Cr	Material:	CST
Trib To:	Whatcom Cr	Span (m):	1.46
Owner:	City	Length (m):	31.10
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Slope	Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	370669	Shape:	RND
Stream:	Hannah Cr	Material:	PCC
Trib To:	Whatcom Cr	Span (m):	0.61
Owner:	City	Length (m):	76.20
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Slope	Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	370679	Shape:	RND
Stream:	Unnamed	Material:	PCC
Trib To:	Cemetary Cr	Span (m):	0.46
Owner:	City	Length (m):	28.00
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Outfall Drop	Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

Culvert Shape: RND = Round, BOX = Rectangular, ARCH = Bottomless arch, SQSH = Pipe arch, ELL = Ellipse, OTH = Other.

Culvert Material: PCC = Pre-cast concrete, CPC = Cast in place concrete, CST = Corrugated steel, SST = Smooth Steel, CAL = Corrugated aluminum, SPS = Structuural plate steel, SPA = Structural plate aluminum, PVC = Plastic, TMB = Timber, MRY = Masonary, OTH = Other

Chuckanut Foothills Culvert Barriers:

PI TOTAL:

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	991079	Shape:	BOX
Stream:	Squallicum Cr	Material:	PCC
Trib To:	Bellingham Bay	Span (m):	2.33
Owner:	Private	Length (m):	6.76
BARRIER STATUS		**HABITAT GAIN**	
Problem:		Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	370668	Shape:	RND
Stream:	Hannah Cr	Material:	PCC
Trib To:	Whatcom Cr	Span (m):	0.76
Owner:	City	Length (m):	27.10
BARRIER STATUS		**HABITAT GAIN**	
Problem:	Outfall Drop	Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	991105	Shape:	BOX
Stream:	Squallicum Cr	Material:	PCC
Trib To:	Bellingham Bay	Span (m):	6.00
Owner:	City	Length (m):	
BARRIER STATUS		**HABITAT GAIN**	
Problem:		Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	991104	Shape:	BOX
Stream:	Squallicum Cr	Material:	PCC
Trib To:	Bellingham Bay	Span (m):	8.00
Owner:	City	Length (m):	
BARRIER STATUS		**HABITAT GAIN**	
Problem:		Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

Culvert Shape: RND = Round, BOX = Rectangular, ARCH = Bottomless arch, SQSH = Pipe arch, ELL = Ellipse, OTH = Other.

Culvert Material: PCC = Pre-cast concrete, CPC = Cast in place concrete, CST = Corrugated steel, SST = Smooth Steel, CAL = Corrugated aluminum, SPS = Structuural plate steel, SPA = Structural plate aluminum, PVC = Plastic, TMB = Timber, MRY = Masonary, OTH = Other

Chuckanut Foothills Culvert Barriers:

PI TOTAL:

No Image Available

GENERAL INFORMATION

Site ID:	991104
Stream:	Squallicum Cr
Trib To:	Bellingham Bay
Owner:	City

CULVERT ATTRIBUTES

Shape:	BOX
Material:	PCC
Span (m):	8.00
Length (m):	

BARRIER STATUS

Problem:

Ds Barriers:

Us Barriers:

HABITAT GAIN

Lineal Gain (m):

Spawn Area (m2):

Rear Area (m2):

PI TOTAL:

No Image Available

GENERAL INFORMATION

Site ID:	991104
Stream:	Squallicum Cr
Trib To:	Bellingham Bay
Owner:	City

CULVERT ATTRIBUTES

Shape:	BOX
Material:	PCC
Span (m):	8.00
Length (m):	

BARRIER STATUS

Problem:

Ds Barriers:

Us Barriers:

HABITAT GAIN

Lineal Gain (m):

Spawn Area (m2):

Rear Area (m2):

PI TOTAL:

GENERAL INFORMATION

Site ID:	991079
Stream:	Squallicum Cr
Trib To:	Bellingham Bay
Owner:	Private

CULVERT ATTRIBUTES

Shape:	BOX
Material:	PCC
Span (m):	2.52
Length (m):	6.76

BARRIER STATUS

Problem:

Ds Barriers:

Us Barriers:

HABITAT GAIN

Lineal Gain (m):

Spawn Area (m2):

Rear Area (m2):

PI TOTAL:

No Image Available

GENERAL INFORMATION

Site ID:	990435
Stream:	Squallicum Cr
Trib To:	Bellingham Bay
Owner:	City

CULVERT ATTRIBUTES

Shape:	RND
Material:	CAL
Span (m):	6.00
Length (m):	

BARRIER STATUS

Problem:

Ds Barriers:

Us Barriers:

HABITAT GAIN

Lineal Gain (m):

Spawn Area (m2):

Rear Area (m2):

Culvert Shape: RND = Round, BOX = Rectangular, ARCH = Bottomless arch, SQSH = Pipe arch, ELL = Ellipse, OTH = Other.

Culvert Material: PCC = Pre-cast concrete, CPC = Cast in place concrete, CST = Corrugated steel, SST = Smooth Steel, CAL = Corrugated aluminum, SPS = Structuural plate steel, SPA = Structural plate aluminum, PVC = Plastic, TMB = Timber, MRY = Masonary, OTH = Other

Chuckanut Foothills Culvert Barriers:

PI TOTAL:

GENERAL INFORMATION

Site ID:	991079
Stream:	Squallicum Cr
Trib To:	Bellingham Bay
Owner:	Private

CULVERT ATTRIBUTES

Shape:	BOX
Material:	PCC
Span (m):	2.44
Length (m):	6.76

BARRIER STATUS

Problem:

Ds Barriers:

Us Barriers:

HABITAT GAIN

Lineal Gain (m):

Spawn Area (m2):

Rear Area (m2):

PI TOTAL:

No Image Available

GENERAL INFORMATION

Site ID:	997739
Stream:	Unnamed
Trib To:	McCormick Cr
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	0.61
Length (m):	6.56

BARRIER STATUS

Problem: slope

Ds Barriers:

Us Barriers:

HABITAT GAIN

Lineal Gain (m):

Spawn Area (m2):

Rear Area (m2):

PI TOTAL:

GENERAL INFORMATION

Site ID:	991079
Stream:	Squallicum Cr
Trib To:	Bellingham Bay
Owner:	Private

CULVERT ATTRIBUTES

Shape:	BOX
Material:	PCC
Span (m):	2.44
Length (m):	6.76

BARRIER STATUS

Problem:

Ds Barriers:

Us Barriers:

HABITAT GAIN

Lineal Gain (m):

Spawn Area (m2):

Rear Area (m2):

PI TOTAL:

GENERAL INFORMATION

Site ID:	991079
Stream:	Squallicum Cr
Trib To:	Bellingham Bay
Owner:	Private

CULVERT ATTRIBUTES

Shape:	BOX
Material:	PCC
Span (m):	2.44
Length (m):	6.76

BARRIER STATUS

Problem:

Ds Barriers:

Us Barriers:

HABITAT GAIN

Lineal Gain (m):

Spawn Area (m2):

Rear Area (m2):

Culvert Shape: RND = Round, BOX = Rectangular, ARCH = Bottomless arch, SQSH = Pipe arch, ELL = Ellipse, OTH = Other.

Culvert Material: PCC = Pre-cast concrete, CPC = Cast in place concrete, CST = Corrugated steel, SST = Smooth Steel, CAL = Corrugated aluminum, SPS = Structuural plate steel, SPA = Structural plate aluminum, PVC = Plastic, TMB = Timber, MRY = Masonary, OTH = Other

Chuckanut Foothills Culvert Barriers:

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	990494	Shape:	RND
Stream:	Squallicum Cr	Material:	CST
Trib To:	Bellingham Bay	Span (m):	1.83
Owner:	City	Length (m):	22.25

BARRIER STATUS		HABITAT GAIN	
Problem:		Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	990494	Shape:	RND
Stream:	Squallicum Cr	Material:	CST
Trib To:	Bellingham Bay	Span (m):	1.83
Owner:	City	Length (m):	22.25

BARRIER STATUS		HABITAT GAIN	
Problem:		Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	990435	Shape:	SQSH
Stream:	Squallicum Cr	Material:	CAL
Trib To:	Bellingham Bay	Span (m):	17.00
Owner:	City	Length (m):	

BARRIER STATUS		HABITAT GAIN	
Problem:		Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

PI TOTAL:

No Image Available

GENERAL INFORMATION		CULVERT ATTRIBUTES	
Site ID:	991105	Shape:	BOX
Stream:	Squallicum Cr	Material:	PCC
Trib To:	Bellingham Bay	Span (m):	6.00
Owner:	City	Length (m):	

BARRIER STATUS		HABITAT GAIN	
Problem:		Lineal Gain (m):	
Ds Barriers:		Spawn Area (m2):	
Us Barriers:		Rear Area (m2):	

Culvert Shape: RND = Round, BOX = Rectangular, ARCH = Bottomless arch, SQSH = Pipe arch, ELL = Ellipse, OTH = Other.

Culvert Material: PCC = Pre-cast concrete, CPC = Cast in place concrete, CST = Corrugated steel, SST = Smooth Steel, CAL = Corrugated aluminum, SPS = Structuural plate steel, SPA = Structural plate aluminum, PVC = Plastic, TMB = Timber, MRY = Masonary, OTH = Other

Chuckanut Foothills Culvert Barriers:

PI TOTAL:

GENERAL INFORMATION

Site ID:	991079
Stream:	Squallicum Cr
Trib To:	Bellingham Bay
Owner:	Private

CULVERT ATTRIBUTES

Shape:	BOX
Material:	PCC
Span (m):	2.42
Length (m):	6.76

BARRIER STATUS

Problem:

Ds Barriers:

Us Barriers:

HABITAT GAIN

Lineal Gain (m):

Spawn Area (m2):

Rear Area (m2):

Culvert Shape: RND = Round, BOX = Rectangular, ARCH = Bottomless arch, SQSH = Pipe arch, ELL = Ellipse, OTH = Other.

Culvert Material: PCC = Pre-cast concrete, CPC = Cast in place concrete, CST = Corrugated steel, SST = Smooth Steel, CAL = Corrugated aluminum, SPS = Structuural plate steel, SPA = Structural plate aluminum, PVC = Plastic, TMB = Timber, MRY = Masonary, OTH = Other

Chuckanut Foothills Barrier Dams:

PI TOTAL: **25.27**

GENERAL INFORMATION

Site ID:	994382
Stream:	Spring Cr
Trib To:	Baker Cr
Owner:	Private

DAM ATTRIBUTES

Dam Name:	Unnamed
Height (m):	2
Span:	Full

BARRIER STATUS

Fish passage (%):	0
Ds Barriers:	11
Us Barriers:	5

HABITAT GAIN

Lineal Gain (m):	1,801
Spawn Area (m2):	1,104
Rear Area (m2):	3,953

PI TOTAL: **15.95**

GENERAL INFORMATION

Site ID:	994374
Stream:	Unnamed
Trib To:	Spring Cr
Owner:	Private

DAM ATTRIBUTES

Dam Name:	
Height (m):	2
Span:	Full

BARRIER STATUS

Fish passage (%):	0
Ds Barriers:	12
Us Barriers:	1

HABITAT GAIN

Lineal Gain (m):	744
Spawn Area (m2):	40
Rear Area (m2):	1,188

PI TOTAL: **15.33**

GENERAL INFORMATION

Site ID:	993485
Stream:	Unnamed
Trib To:	Chuckanut Cr
Owner:	Private

DAM ATTRIBUTES

Dam Name:	unnamed
Height (m):	0.6
Span:	Full

BARRIER STATUS

Fish passage (%):	0
Ds Barriers:	5
Us Barriers:	2

HABITAT GAIN

Lineal Gain (m):	176
Spawn Area (m2):	18
Rear Area (m2):	1,980

PI TOTAL: **15.11**

GENERAL INFORMATION

Site ID:	994266
Stream:	SF Baker Cr
Trib To:	Baker Cr
Owner:	Private

DAM ATTRIBUTES

Dam Name:	Unnamed
Height (m):	0.75
Span:	Full

BARRIER STATUS

Fish passage (%):	33
Ds Barriers:	14
Us Barriers:	1

HABITAT GAIN

Lineal Gain (m):	795
Spawn Area (m2):	122
Rear Area (m2):	1,030

Chuckanut Foothills Barrier Dams:

PI TOTAL: **13.85**

GENERAL INFORMATION

Site ID:	993487
Stream:	Unnamed
Trib To:	Chuckanut Cr
Owner:	City

DAM ATTRIBUTES

Dam Name:	unnamed
Height (m):	1.8
Span:	Full

BARRIER STATUS

Fish passage (%):	0
Ds Barriers:	7
Us Barriers:	0

HABITAT GAIN

Lineal Gain (m):	100
Spawn Area (m2):	18
Rear Area (m2):	1,980

PI TOTAL: **13.49**

GENERAL INFORMATION

Site ID:	01.0560 0.89
Stream:	Toad Lk Cr
Trib To:	Squallicum Cr
Owner:	Private

DAM ATTRIBUTES

Dam Name:	
Height (m):	3.6576
Span:	Full

BARRIER STATUS

Fish passage (%):	0
Ds Barriers:	4
Us Barriers:	2

HABITAT GAIN

Lineal Gain (m):	480
Spawn Area (m2):	553
Rear Area (m2):	967

PI TOTAL: **11.68**

GENERAL INFORMATION

Site ID:	994373
Stream:	Toad Lk Cr
Trib To:	Squallicum Cr
Owner:	Private

DAM ATTRIBUTES

Dam Name:	Katie's falls
Height (m):	1
Span:	Full

BARRIER STATUS

Fish passage (%):	0
Ds Barriers:	6
Us Barriers:	0

HABITAT GAIN

Lineal Gain (m):	271
Spawn Area (m2):	312
Rear Area (m2):	546

PI TOTAL:

GENERAL INFORMATION

Site ID:	994108
Stream:	MF Baker Cr
Trib To:	Baker Cr
Owner:	Private

DAM ATTRIBUTES

Dam Name:	
Height (m):	0.31
Span:	Full

BARRIER STATUS

Fish passage (%):	33
Ds Barriers:	
Us Barriers:	

HABITAT GAIN

Lineal Gain (m):	
Spawn Area (m2):	
Rear Area (m2):	

Chuckanut Foothills Barrier Dams:

PI TOTAL:

No Image Available

GENERAL INFORMATION

Site ID:	981732
Stream:	Baker Reservoir
Trib To:	Baker Cr
Owner:	Private

DAM ATTRIBUTES

Dam Name:	Baker Dam
Height (m):	1
Span:	Full

BARRIER STATUS

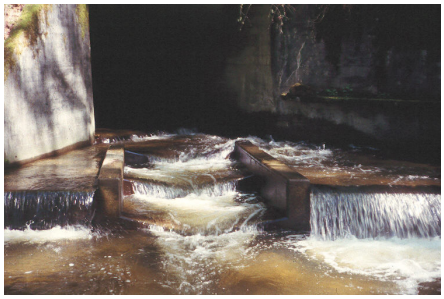
Fish passage (%):	33
Ds Barriers:	0
Us Barriers:	0

HABITAT GAIN

Lineal Gain (m):	
Spawn Area (m2):	
Rear Area (m2):	

Chuckanut Foothills Barrier Fishways:

PI TOTAL: **38.28**



GENERAL INFORMATION

Site ID:	01.0626 0.35
Stream:	Chuckanut Cr
Trib To:	Chuckanut Bay
Owner:	State

FISHWAY ATTRIBUTES

FW Type:	BC;WP
Attached To:	Culvert
Weir No:	3
Bed Control:	

BARRIER STATUS

Fish Passage(%):	100
Ds Barriers:	0
Us Barriers:	0

HABITAT GAIN

Lineal Gain (m):	2,680
Spawn Area (m2):	5,839
Rear Area (m2):	16,726

PI TOTAL: **28.66**

GENERAL INFORMATION

Site ID:	990022
Stream:	Baker Cr
Trib To:	Squallicum Cr
Owner:	State

FISHWAY ATTRIBUTES

FW Type:	BC;SBC
Attached To:	Culvert
Weir No:	
Bed Control:	RC

BARRIER STATUS

Fish Passage(%):	33
Ds Barriers:	0
Us Barriers:	31

HABITAT GAIN

Lineal Gain (m):	18,331
Spawn Area (m2):	5,641
Rear Area (m2):	29,032

PI TOTAL: **25.69**

GENERAL INFORMATION

Site ID:	992979
Stream:	Baker Cr
Trib To:	Squallicum Cr
Owner:	City

FISHWAY ATTRIBUTES

FW Type:	SBC
Attached To:	
Weir No:	
Bed Control:	GC

BARRIER STATUS

Fish Passage(%):	67
Ds Barriers:	2
Us Barriers:	12

HABITAT GAIN

Lineal Gain (m):	8,122
Spawn Area (m2):	4,316
Rear Area (m2):	1,189

PI TOTAL: **9.24**

GENERAL INFORMATION

Site ID:	995411
Stream:	Chuckanut Cr
Trib To:	Chuckanut Bay
Owner:	State

FISHWAY ATTRIBUTES

FW Type:	BC;SBC
Attached To:	Culvert
Weir No:	
Bed Control:	CC

BARRIER STATUS

Fish Passage(%):	0
Ds Barriers:	0
Us Barriers:	1

HABITAT GAIN

Lineal Gain (m):	240
Spawn Area (m2):	577
Rear Area (m2):	586

Fishway Type: BC = baffled culvert, PC = pool chute, RCC = roughened channel, SBC = streambed control, WP = weir pool

Bed Control: RC = Rock, CC = Concrete, GC = gabion , LC = Log, PLC = Plank.

Chuckanut Foothills Barrier Fishways:

PI TOTAL:

GENERAL INFORMATION

Site ID:	01.0622 0.70
Stream:	Padden Cr
Trib To:	Bellingham Bay
Owner:	City

FISHWAY ATTRIBUTES

FW Type:	SBC
Attached To:	Culvert
Weir No:	
Bed Control:	LC

BARRIER STATUS

Fish Passage(%):	67
Ds Barriers:	
Us Barriers:	

HABITAT GAIN

Lineal Gain (m):	3,701
Spawn Area (m2):	
Rear Area (m2):	

PI TOTAL:

GENERAL INFORMATION

Site ID:	01.0552 1.90
Stream:	Squallicum Cr
Trib To:	Bellingham Bay
Owner:	City

FISHWAY ATTRIBUTES

FW Type:	BF
Attached To:	Flume
Weir No:	
Bed Control:	

BARRIER STATUS

Fish Passage(%):	100
Ds Barriers:	
Us Barriers:	

HABITAT GAIN

Lineal Gain (m):	17,542
Spawn Area (m2):	
Rear Area (m2):	

PI TOTAL:

GENERAL INFORMATION

Site ID:	01.0552 2.00
Stream:	Squallicum Cr
Trib To:	Bellingham Bay
Owner:	City

FISHWAY ATTRIBUTES

FW Type:	BC;PC
Attached To:	Culvert
Weir No:	5
Bed Control:	

BARRIER STATUS

Fish Passage(%):	100
Ds Barriers:	
Us Barriers:	

HABITAT GAIN

Lineal Gain (m):	17,381
Spawn Area (m2):	
Rear Area (m2):	

PI TOTAL:

GENERAL INFORMATION

Site ID:	01.0552 2.10
Stream:	Squallicum Cr
Trib To:	Bellingham Bay
Owner:	City

FISHWAY ATTRIBUTES

FW Type:	BL
Attached To:	Falls
Weir No:	
Bed Control:	

BARRIER STATUS

Fish Passage(%):	100
Ds Barriers:	
Us Barriers:	

HABITAT GAIN

Lineal Gain (m):	17,220
Spawn Area (m2):	
Rear Area (m2):	

Fishway Type: BC = baffled culvert, PC = pool chute, RCC = roughened channel, SBC = streambed control, WP = weir pool

Bed Control: RC = Rock, CC = Concrete, GC = gabion , LC = Log, PLC = Plank.

Chuckanut Foothills Barrier Fishways:

PI TOTAL:

No Image Available

GENERAL INFORMATION

Site ID:	01.0559 0.10
Stream:	Little Squallicum Cr
Trib To:	Squallicum Cr
Owner:	City

FISHWAY ATTRIBUTES

FW Type:	RCC
Attached To:	Culvert
Weir No:	
Bed Control:	RC

BARRIER STATUS

Fish Passage(%):	
Ds Barriers:	
Us Barriers:	

HABITAT GAIN

Lineal Gain (m):	
Spawn Area (m2):	
Rear Area (m2):	

PI TOTAL:

GENERAL INFORMATION

Site ID:	01.0566 0.00
Stream:	Whatcom Cr
Trib To:	Bellingham Bay
Owner:	County

FISHWAY ATTRIBUTES

FW Type:	WP
Attached To:	Falls
Weir No:	20
Bed Control:	

BARRIER STATUS

Fish Passage(%):	100
Ds Barriers:	
Us Barriers:	

HABITAT GAIN

Lineal Gain (m):	4,345
Spawn Area (m2):	
Rear Area (m2):	

PI TOTAL:

GENERAL INFORMATION

Site ID:	01.0566 0.30
Stream:	Whatcom Cr
Trib To:	Bellingham Bay
Owner:	City

FISHWAY ATTRIBUTES

FW Type:	BC
Attached To:	Culvert
Weir No:	
Bed Control:	

BARRIER STATUS

Fish Passage(%):	100
Ds Barriers:	
Us Barriers:	

HABITAT GAIN

Lineal Gain (m):	3,862
Spawn Area (m2):	
Rear Area (m2):	

PI TOTAL:

GENERAL INFORMATION

Site ID:	01.0552 1.80
Stream:	Squallicum Cr
Trib To:	Bellingham Bay
Owner:	City

FISHWAY ATTRIBUTES

FW Type:	SBC
Attached To:	Culvert
Weir No:	
Bed Control:	CC

BARRIER STATUS

Fish Passage(%):	100
Ds Barriers:	
Us Barriers:	

HABITAT GAIN

Lineal Gain (m):	36,693
Spawn Area (m2):	
Rear Area (m2):	

Fishway Type: BC = baffled culvert, PC = pool chute, RCC = roughened channel, SBC = streambed control, WP = weir pool

Bed Control: RC = Rock, CC = Concrete, GC = gabion , LC = Log, PLC = Plank.

Chuckanut Foothills Barrier Fishways:

PI TOTAL:

GENERAL INFORMATION

Site ID:	01.0622 0.50
Stream:	Padden Cr
Trib To:	Bellingham Bay
Owner:	City

FISHWAY ATTRIBUTES

FW Type:	WP
Attached To:	Culvert
Weir No:	6
Bed Control:	

BARRIER STATUS

Fish Passage(%):	67
Ds Barriers:	
Us Barriers:	

HABITAT GAIN

Lineal Gain (m):	4,023
Spawn Area (m2):	
Rear Area (m2):	

PI TOTAL:

GENERAL INFORMATION

Site ID:	01.0622 0.80
Stream:	Padden Cr
Trib To:	Bellingham Bay
Owner:	City

FISHWAY ATTRIBUTES

FW Type:	WP
Attached To:	Culvert
Weir No:	4
Bed Control:	

BARRIER STATUS

Fish Passage(%):	100
Ds Barriers:	
Us Barriers:	

HABITAT GAIN

Lineal Gain (m):	3,541
Spawn Area (m2):	
Rear Area (m2):	

PI TOTAL:

No Image Available

GENERAL INFORMATION

Site ID:	370684
Stream:	Baker Cr
Trib To:	Squallicum Cr
Owner:	County

FISHWAY ATTRIBUTES

FW Type:	BC
Attached To:	Culvert
Weir No:	
Bed Control:	

BARRIER STATUS

Fish Passage(%):	67
Ds Barriers:	
Us Barriers:	

HABITAT GAIN

Lineal Gain (m):	
Spawn Area (m2):	
Rear Area (m2):	

PI TOTAL:

GENERAL INFORMATION

Site ID:	990014
Stream:	Squallicum Cr
Trib To:	Bellingham Bay
Owner:	State

FISHWAY ATTRIBUTES

FW Type:	BC;SBC
Attached To:	Culvert
Weir No:	
Bed Control:	LC

BARRIER STATUS

Fish Passage(%):	100
Ds Barriers:	
Us Barriers:	

HABITAT GAIN

Lineal Gain (m):	
Spawn Area (m2):	
Rear Area (m2):	

Fishway Type: BC = baffled culvert, PC = pool chute, RCC = roughened channel, SBC = streambed control, WP = weir pool

Bed Control: RC = Rock, CC = Concrete, GC = gabion , LC = Log, PLC = Plank.

Chuckanut Foothills Barrier Fishways:

PI TOTAL:

GENERAL INFORMATION

Site ID:	992978
Stream:	Baker Cr
Trib To:	Squallicum Cr
Owner:	State

FISHWAY ATTRIBUTES

FW Type:	BF
Attached To:	Flume
Weir No:	
Bed Control:	

BARRIER STATUS

Fish Passage(%):	67
Ds Barriers:	
Us Barriers:	

HABITAT GAIN

Lineal Gain (m):	
Spawn Area (m2):	
Rear Area (m2):	

PI TOTAL:

GENERAL INFORMATION

Site ID:	01.0622 0.30
Stream:	Padden Cr
Trib To:	Bellingham Bay
Owner:	City

FISHWAY ATTRIBUTES

FW Type:	BC
Attached To:	Culvert
Weir No:	
Bed Control:	

BARRIER STATUS

Fish Passage(%):	100
Ds Barriers:	
Us Barriers:	

HABITAT GAIN

Lineal Gain (m):	4,345
Spawn Area (m2):	
Rear Area (m2):	

Fishway Type: BC = baffled culvert, PC = pool chute, RCC = roughened channel, SBC = streambed control, WP = weir pool

Bed Control: RC = Rock, CC = Concrete, GC = gabion , LC = Log, PLC = Plank.

Other Miscellaneous Chuckanut Foothills Barriers:

PI TOTAL: **24.77**

GENERAL INFORMATION

Site ID:	993093
Stream:	SF Baker Cr
Trib To:	Baker Cr
Owner:	City

BARRIER ATTRIBUTES

BarrierType:	Stormwater

BARRIER STATUS

Fish Passage (%):	0
Ds Barriers:	6
Us Barriers:	9

HABITAT GAIN

Lineal Gain (m):	4,043
Spawn Area (m2):	613
Rear Area (m2):	4,843