APPENDIX I: Coastal Sub-basin Report

WHATCOM COUNTY FISH PASSAGE ASSESSMENT SUB-BASIN REPORT
COASTAL SUB-BASIN

Description of Sub-basin

The Coastal Sub-basin includes all of the independent drainages along the western coast of Whatcom County between Canada and Gooseberry Point (Figures 1- 7). These drainages can be grouped according to similar landscape features and land use into three general provinces: Drayton Harbor, Cherry point highlands, and Lummi Peninsula.

Drayton Harbor Drainages
The Drayton Harbor drainages include Dakota Creek and California Creek (Figures 1-3). Numerous Dakota Creek tributaries drain large beaver complexes and forested uplands along the Canadian border and flow southwest through glacial till highlands to join the Dakota Creek main stem. The main stem flows through sandy outwash deposits westward to the town of Blain. The lower three miles is tidally influenced. High quality spawning substrate is found in the upper reaches that traverse gravel rich glacial till. The lower reaches, along the main stem, are dominated by sandy substrate. Riparian vegetation along most stream reaches is characterized by a deciduous forest canopy with an understory of native shrubs that is punctuated by clearings for residences and dairy operations. Fish use is primarily coho and, chum salmon, and cutthroat trout. In addition, fall Chinook salmon and steelhead trout utilize the North Fork of Dakota Creek (Whatcom County, 1994, NWIFC, 2003).

California Creek is almost a mirror image of Dakota Creek. Gravel dominated tributaries flow northward through glacial till off of the Terrell uplands to a low gradient, sand dominated main stem that flows northwest to Drayton Harbor. Like Dakota Creek, the lower three miles of California Creek is tidally influenced. Unlike Dakota Creek, California Creek has been heavily impacted by agricultural, rural residential and industrial development along the Interstate 5 corridor. Consequently, long sections of the stream are dominated by reed canary grass, and sparse thickets of native shrubs. Fish use is primarily coho salmon and cutthroat trout (Whatcom County, 1994, NWIFC, 2003).

A large peat wetland separates Dakota Creek and California Creek. Agricultural ditches drain this wetland to the west and augment summer low flows in California Creek.

Land use in the upper reaches of the Dayton Harbor area is chiefly agricultural and rural residential. Industrial uses become increasingly dominant downstream and along the Interstate five corridor that separates Dakota Creek from California Creek. Land use jurisdiction is chiefly Whatcom County except for the city of Blain, located in the northwest corner of the County (Whatcom County, 1997).

Cherry Point Highlands

The Cherry Point Highlands are dominated by two drainages: Terrell Creek and Jordan Creek (Figures 4-6) , and the Lummi River flows along the southern toe of the highland. Terrell Creek

originates in the State game reserve at Terrell Lake, and flows northward through gravel rich glacial till off of the Cherry Point Highland before veering west to Birch Bay. A barrier dam blocks anadromous access to Terrell Lake. Most of the upper reaches of Terrell Creek, below the dam, have moderate pool/riffle development, and sandy gravel substrate. The riparian vegetation is fragmented deciduous forest alternating with fallow pasture. The main tributary, Fingleson Creek, exhibits similar characteristics.

The lower two miles of Terrell Creek emerges from a broad canary grass marsh by Birch Bay State Park and flows northward for 1.5 miles through a heavily developed back beach swale, parallel to the Birch Bay shoreline, before discharging to Birch Bay. Land use is dominated by rural residential and agriculture activities in the upper reaches and urban resort development along Birch Bay (Whatcom County, 1997). Fish use is predominantly coho salmon and cutthroat trout (Whatcom County, 1994, NWIFC, 2003).

Jordon Creek originates in a series of drained wetlands southeast of Lake Terrell and flows southward off of the Cherry Point highland and discharges into a slough on the Lummi River delta one mile east of Lummi Bay. The stream is channelized for much of its length with stream substrate characterized by shallow patches of gravel interspersed with silty flats and exposed shelves of compact glacial till. Riparian vegetation is predominantly reed canary grass in the upper reaches, transitioning to deciduous forest along the lower two miles. Land use is agriculture and rural development along most of its length. Fish use is mainly coho salmon and cutthroat trout (Whatcom County, 1994, NWIFC, 2003).

The Lummi River diverges from the Nooksack River south of Ferndale and flows southwest to Lummi Bay. This stream is an abandoned channel of the Nooksack River that receives water during high flow events. At low Nooksack River flows, the Lummi River has very little water above R.M. 3.0 and the lower section is tidally influenced and generally slough-like. Included in the Lummi River basin are numerous small sloughs that interconnect and drain to Lummi Bay. Vegetation is sparse along the banks due to adjacent agricultural uses, and substrate is dominated by sand and silt. Fish use is mainly coho salmon rearing, but may include juvenile rearing of Chinook and native char (Whatcom County, 1994, NWIFC, 2003).

Schell Creek, the main tributary of the Lummi River, originates west of Ferndale and flows through dairy farms and pasture for most of its length before entering the Lummi River near Haxton Road. The stream is channelized for much of its length with stream substrate characterized by shallow patches of gravel interspersed with silty flats. Riparian vegetation is predominantly reed canary grass and fragmented thickets of native shrubs. Fish use is primarily coho salmon and cutthroat trout (Whatcom County, 1994, NWIFC, 2003).

Lummi Peninsula

The Lummi Peninsula includes the few small independent drainages scattered around Gooseberry Point and Lummi Island (Figure 7). Anadromous fish use on the Lummi Peninsula is limited to the lower reaches these streams. Substrate is typically silty gravel and sand and riparian cover is characterized by mixed deciduous forest and native shrubs. Potential fish use is coho, and chum salmon, and cutthroat trout.

Data Integration from Previous Projects

In the Coastal Sub-basin, previous barrier data from Whatcom County (County roads), Washington Department of Fish and Wildlife (WDFW) for State highways, and Nooksack Salmon Enhancement Association (NSEA) is standardized and integrated into WDFW's 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 Washington State Department of Transportation (WSDOT) for their ownership. WSDOT and Whatcom County Public Works will be repairing barriers on roadways as part of their ongoing maintenance and repair program.

The following reaches were inventoried in the Coastal Sub-basin:

- Dakota Creek: Ten tributaries previously surveyed by NSEA were integrated into the FPDSI format. Additional level A/level B data was collected as needed.
- WRIA 01-0003 – Unnamed Tributary PI value for the blocking culvert on Sweet Road.
- WRIA 01-0004 – Spooner Creek (Includes WRIA 01-0005 and 01-0006) From confluence to end of anadromous habitat
- 01-0008 - Generated a PI value for private culverts based on 1998 NSEA data.
- 01-0009 – (Blaine Reservoir): Generated a PI value for private culverts based on 1998 NSEA data.
- Full survey of WRIA 01-0010, 01-0010a, and 01-0012, 01-0008a, and 01-0014
- WRIA 01-0022, 01-0025, 01-0026, and 01-0027: From confluence to end of anadromous habitat.
- North Fork Dakota Creek (01.0030): From confluence to end of anadromous habitat
- WRIA 01-0031, 01-0032, and 01-0035: From confluence to end of anadromous habitat.
- WRIA 01-0033, 01-0034: upstream of Delta Line Road for tributary from confluence to end of anadromous habitat.
- WRIA 01-0036 and 01-0036.5. Generated a PI value for private culverts based on 1998 NSEA data.
- S. Fork Dakota Creek System: From confluence to end of anadromous habitat.
- WRIA 01-0016, 01-0017, 01-0019, 01-0020, 01-0028, 01-0029, 01-0037, 01-0038, 01-0039, 01-0040, and 01-0043: From confluence to end of anadromous habitat.
- WRIA 01-0041 and 01-0042. No Barriers.

- Californinia CreekTributaries:
- WRIA Tributaries 01.0056, 01.0057, and 01.0058 from Ham Road to end of anadromous habitat,
- Habitat survey on tributary (01.0059) that from Arnie Road at (MP 0.20) to end of anadromous habitat.
- Tarte Creek System (01.0060, 01.0061 and 01.0062) from Railroad crossing to end of anadromous access.
- Entire anadromous habitat of WRIA 01.0070 tributary system.
- Anadromous habitat upstream of Bay Road on tributary 01.0071.
- Entire anadromous habitat of WRIA 01.0074 and 01.0075 tributary systems.
- Habitat survey on tributary that crosses Vista Road (MP 2.31). Includes WRIA tributaries 01.077, 01.0078, 01.0079, and 01.0080.
- Fingalson Creek and a RB trib (WRIA 01.0094): Between Blaine and Jackson Roads. From confluence to end of anadromous habitat.
- Jordan Creek: From confluence to end of anadromous habitat.
- Schell Creek: Survey from Slater Road to upstream extent 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 Coastal 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 Coastal 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 Coastal 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		
01.0089 0.00		Terrell Cr	Birch Bay	Private	Dam	OK	100				
01.0089 8.70		Terrell Cr	Birch Bay	State	Dam	RR	0	10	4	PS4	30.61
01.0104 0.00	1.1	Lummi R	Lummi Bay	Other	Culvert	RR	0			TD	
01.0116 4.20	1.1	Schell Cr	Lummi R	City	Culvert	RR	33	1	3	RSFS	13.64
01.0116 4.70	1.1	Schell Cr	Lummi R	City	Culvert	RR	33	0	4	RSFS	11.0
1280044	1.5	Unnamed	Lummi Bay	Tribal	Culvert	RR	33			TD	
1280046	1.4	Unnamed	Lummi Bay	Tribal	Culvert	UD					
1280047	1.1	Unnamed	Lummi Bay	Tribal	Culvert	UD					
1280114	1.1	Schell Cr	Lummi R	City	Culvert	OK	100				
1280117	1.1	Schell Cr	Lummi R	Private	Culvert	RR	0	3	1	FS	19.56
1280118	1.1	Schell Cr	Lummi R	Private	Culvert	RR	0	2	2	RSFS	19.29
1280119	1.2	Schell Cr	Lummi R	Private	Culvert	OK	100				
1280120	1.1	Unnamed	Jordan Cr	Private	Culvert	OK	100				
1280121	1.1	Unnamed	Jordan Cr	Private	Culvert	OK	100				
1280127	1.1	Unnamed	Jordan Cr	Private	Culvert	OK	100				
1280136	1.1	Unnamed	Jordan Cr	Private	Culvert	OK	100				
1280137	1.1	Jordan Cr	Lummi R	Private	Culvert	OK	100				
1280139	1.1	Unnamed	Jordan Cr	Private	Culvert	OK	100				
1280140	1.1	Unnamed	Jordan Cr	Private	Culvert	OK	100				
1280141	1.1	Unnamed	Jordan Cr	Private	Culvert	OK	100				
1280142	1.1	Unnamed	Jordan Cr	Private	Culvert	OK	100				
1280143	1.3	Unnamed	Jordan Cr	Private	Culvert	RR	33	1	6	RSFS	9.52
1280144	1.1	Unnamed	Jordan Cr	Private	Culvert	RR	67	2	1	RSFS	9.69

[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		
1280146	1.2	Jordan Cr	Lummi R	Private	Culvert	RR	33	3	0	RSFS	14.91
1280156	1.1	Unnamed	California Cr	Private	Culvert	OK	100				
1280157	1.1	Unnamed	California Cr	Private	Culvert	RR	33	0	0	RSFS	11.00
1280158	1.1	Unnamed	California Cr	Private	Culvert	OK	100				
1280161	1.1	Unnamed	California Cr	Private	Culvert	RR	0	0	0	RSFS	13.38
1280162	1.1	Unnamed	California Cr	Private	Culvert	RR	33	0	1	RSFS	5.95
1280263	1.1	Unnamed	Dakota Cr	City	Culvert	RR	0	3	2	RSFS	22.67
1280264	1.1	Unnamed	Dakota Cr	City	Culvert	RR	0	4	1	RSFS	22.67
1280265	1.1	Unnamed	Dakota Cr	Private	Culvert	RR	0	5	0	RSFS	23.19
1280266	1.1	Unnamed	Dakota Cr	City	Culvert	RR	33	2	3	RSFS	13.84
1280267	1.1	Unnamed	Dakota Cr	City	Culvert	UD		0	4	RSFS	9.91
1280268	1.1	Unnamed	Dakota Cr	City	Culvert	RR	33	0	4	RSFS	6.21
1280269	1.1	Unnamed	Dakota Cr	Private	Culvert	OK	100				
1280270	1.1	Unnamed	Dakota Cr	Private	Culvert	OK	100				
1280271	1.1	Unnamed	Dakota Cr	Private	Culvert	LG	33	0	2	RSFS	3.69
1280272	1.1	Unnamed	Dakota Cr	Private	Culvert	RR	33	1	1	RSFS	6.36
1280273	1.2	Unnamed	Dakota Cr	Private	Culvert	OK	100				
1280274	1.1	Unnamed	Dakota Cr	Private	Culvert	LG	33			TD	
1280275	1.1	Unnamed	Dakota Cr	Private	Culvert	LG	0	0	3	RSFS	5.56
1280276	1.1	Unnamed	Haynie Cr	Private	Culvert	OK	100				
1280277	1.1	Hunziker Ponds	Haynie Cr	Private	Culvert	LG	0	2	2	RSFS	10.16
1280278	1.1	Hunziker Ponds	Haynie Cr	Private	Culvert	LG	0	1	3	RSFS	10.05
1280279	1.1	Hunziker Ponds	Haynie Cr	Private	Culvert	LG	0	0	4	RSFS	6.09

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Site ID	Sequencer[1]	Stream	Tributary To	Owner Type	Feature	Repair[2] Status	% Passable	Additional Barriers		Survey Type[3]	Total PI
								Upstream	Downstream		
1280280	1.2	Hunziker Ponds	Haynie Cr	Private	Culvert	RR	33	6	1	RSFS	16.10
1280281	1.2	Unnamed	Hunziker Ponds	Private	Culvert	RR	33	2	2	RSFS	10.22
1280282	1.2	Unnamed	Hunziker Ponds	Private	Culvert	RR	33	1	3	RSFS	10.22
1280283	1.1	Unnamed	Hunziker Ponds	Private	Culvert	OK	100				
1280284	1.1	Unnamed	Hunziker Ponds	Private	Culvert	RR	33	0	4	RSFS	9.93
1280285	1.1	Unnamed	Dakota Cr	Private	Culvert	RR	33	1	0	RSFS	7.04
1280286	1.1	Unnamed	Dakota Cr	Private	Culvert	LG	33	0	1	RSFS	6.14
1280298	1.1	Unnamed	Dakota Cr	Private	Culvert	RR	0	1	0	RSFS	19.58
1280299	1.1	Unnamed	Dakota Cr	Private	Culvert	OK	100				
1280300	1.1	Giles Pond	Dakota Cr	Private	Culvert	RR	0	0	1	RSFS	19.39
1280301	1.1	NF Dakota Cr	Drayton Harbor	Private	Culvert	RR	33	0	0	FS	26.82
1280302	1.1	NF Dakota Cr	Drayton Harbor	Private	Culvert	OK	100				
1280303	1.1	Unnamed	NF Dakota Cr	Private	Culvert	RR	33	2	0	RSFS	18.24
1280304	1.1	Unnamed	NF Dakota Cr	Private	Culvert	RR	33	1	0	RSFS	12.52
1280313	1.1	Unnamed	NF Dakota Cr	Private	Culvert	RR	33	0	0	RSFS	6.88
1285070	1.1	Fingleson Cr	Terrell Cr	Private	Culvert	OK	100				
1285071	1.1	Unnamed	Jordan Cr	Private	Culvert	OK	100				
1285072	1.1	Jordan Cr	Lummi R	Private	Culvert	OK	100				
1285074	1.1	Unnamed	Jordan Cr	Private	Culvert	RR	33	3	4	RSFS	11.16
1285075	1.1	Unnamed	Jordan Cr	Private	Culvert	RR	33	4	3	RSFS	10.97
1285076	1.1	Unnamed	Jordan Cr	Private	Culvert	RR	0	5	2	RSFS	12.65
1285124	1.1	Unnamed	California Cr	Private	Culvert	OK	100				
1285125	1.1	Unnamed	California Cr	Private	Culvert	OK	100				

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Site ID	Sequencer[1]	Stream	Tributary To	Owner Type	Feature	Repair[2] Status	% Passable	Additional Barriers		Survey Type[3]	Total PI
								Upstream	Downstream		
1285126	1.1	Unnamed	California Cr	Private	Culvert	UD					
1285127	1.1	Unnamed	California Cr	Private	Culvert	OK					
1285128	1.1	Campbell Cr	California Cr	Private	Culvert	RR	33	0	2	RSFS	17.73
1285129	1.1	Campbell Cr	California Cr	Private	Culvert	OK					
1285130	1.1	Campbell Cr	California Cr	Private	Culvert	RR	67	2	0	RSFS	19.00
1285131	1.1	Campbell Cr	California Cr	Private	Culvert	OK	100				
1285164	1.1	Unnamed	NF Dakota Cr	Private	Culvert	RR	0	0	0	RSFS	9.21
1285165	1.1	Unnamed	NF Dakota Cr	Private	Culvert	OK	100				
1285166	1.1	Unnamed	NF Dakota Cr	Private	Culvert	OK	100				
1285167	1.1	Unnamed	NF Dakota Cr	Private	Culvert	OK	100				
1285168	1.1	Unnamed	NF Dakota Cr	Private	Culvert	OK	100				
1285169	1.2	Unnamed	NF Dakota Cr	Private	Culvert	OK	100				
1285170	1.1	Unnamed	NF Dakota Cr	Private	Culvert	RR	33	0	0	RSFS	11.77
1285171	1.1	Unnamed	NF Dakota Cr	Private	Culvert	RR	0	0	1	RSFS	9.20
1285173	1.1	Unnamed	SF Dakota Cr	Private	Culvert	UD					
1285176	1.1	Unnamed	SF Dakota Cr	Private	Culvert	OK	100				
1285177	1.1	Unnamed	SF Dakota Cr	Private	Culvert	OK	100				
1285178	1.1	Unnamed	SF Dakota Cr	Private	Culvert	UD					
1285179	1.1	Unnamed	SF Dakota Cr	Private	Culvert	OK	100				
1285180		Unnamed	NF Dakota Cr	Private	Dam	RR	33	2	1	RSFS	10.03
1285181	1.1	Unnamed	NF Dakota Cr	Private	Culvert	RR	0	1	0	RSFS	11.23
1285182	1.1	Unnamed	SF Dakota Cr	Private	Culvert	OK	100				
1285183	1.1	Unnamed	SF Dakota Cr	Private	Culvert	OK	100				

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Site ID	Sequencer[1]	Stream	Tributary To	Owner Type	Feature	Repair[2] Status	% Passable	Additional Barriers		Survey Type[3]	Total PI
								Upstream	Downstream		
1285184	1.2	Unnamed	NF Dakota Cr	Private	Culvert	RR	33	0	0	RSFS	12.32
1285195	1.1	Unnamed	Dakota Cr	Private	Culvert	OK	100				
1285196	1.1	Unnamed	Dakota Cr	Private	Culvert	RR	33	3	2	FS	20.09
1285197	1.1	Unnamed	Dakota Cr	Private	Culvert	RR	33	2	3	FS	19.46
1285198	1.1	Unnamed	Dakota Cr	Private	Culvert	RR	67			TD	
1285199	1.1	Unnamed	Dakota Cr	Private	Culvert	OK	100				
1285200	1.1	Unnamed	Dakota Cr	Private	Culvert	RR	67	5	0	FS	17.81
1285201	1.1	Unnamed	Dakota Cr	Private	Culvert	RR	67	4	1	FS	17.21
1285203	1.1	Unnamed	Dakota Cr	Private	Culvert	OK	100				
1285204	1.1	Springg Cr	NF Dakota Cr	Private	Culvert	OK	100				
1285205	1.2	Springg Cr	NF Dakota Cr	Private	Culvert	RR	33	0	0	RSFS	8.84
1285219	1.1	Spooner Cr	Dakota Cr	Private	Culvert	RR	0	1	3	RSFS	13.29
1285220	1.1	Spooner Cr	Dakota Cr	Private	Culvert	OK	100				
1285221	1.1	Unnamed	Spooner Cr	Unknown	Culvert	UD					
370111	1.1	Unnamed	Birch Bay	County	Culvert	RR	67			TD	
370120	1.1	Campbell Cr	California Cr	County	Culvert	OK	100				
370121	1.1	Unnamed	California Cr	County	Culvert	OK	100				
370126	1.1	Unnamed	Jordan Cr	County	Culvert	RR	67	3	0	RSFS	15.30
370127	1.1	Campbell Cr	California Cr	County	Culvert	RR	67	1	1	RSFS	17.09
370128	1.1	Unnamed	California Cr	County	Culvert	OK	100				
370129	1.1	Unnamed	California Cr	County	Culvert	RR	33	1	0	RSFS	17.53
370131	1.1	Unnamed	Birch Bay	County	Culvert	UD					
370133	1.1	California Cr	Drayton Harbor	County	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		
370134	1.1	Unnamed	Birch Bay	County	Culvert	RR	33			TD	
370144	1.1	Unnamed	California Cr	County	Culvert	RR	67			TD	
370145	1.1	Unnamed	California Cr	County	Culvert	RR	67			TD	
370146	1.2	Unnamed	California Cr	County	Culvert	OK	100				
370148	1.2	Unnamed	California Cr	County	Culvert	OK	100				
370149	1.1	NF Dakota Cr	Dakota Cr	County	Culvert	OK	100				
370162	1.1	Unnamed	California Cr	County	Culvert	RR	33			TD	
370172	1.1	Unnamed	California Cr	County	Culvert	RR	33			TD	
370174	1.1	Unnamed	Dakota Cr	County	Culvert	OK	100				
370175	1.1	Unnamed	California Cr	County	Culvert	OK	100				
370178	1.1	Unnamed	SF Dakota Cr	County	Culvert	RR	33	1	0	RSFS	10.69
370179	1.1	Spring Branch Cr	Dakota Cr	County	Culvert	OK	100				
370180	1.1	Unnamed	NF Dakota Cr	County	Culvert	RR	67			TD	
370185	1.2	Unnamed	Jordan Cr	County	Culvert	UD					
370186	1.2	Unnamed	Jordan Cr	County	Culvert	RR	0	2	1	RSFS	15.72
370187	1.1	Unnamed	Jordan Cr	County	Culvert	RR	33	2	5	RSFS	11.07
370188	1.1	Unnamed	Jordan Cr	County	Culvert	RR	67	0	2	RSFS	10.29
370189	1.1	Unnamed	Jordan Cr	County	Culvert	OK	100				
370190	1.1	Unnamed	Drayton Harbor	County	Culvert	RR	67			TD	
370222	1.1	Jordan Cr	Lummi R	County	Culvert	OK	100				
370223	1.1	Unnamed	Jordan Cr	County	Culvert	RR	33	0	3	RSFS	11.09
370235	1.1	Unnamed	Lummi R	County	Culvert	OK	100				
370237	1.1	Unnamed	California Cr	County	Culvert	RR	67	0	1	RSFS	3.84

[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		
370238	1.1	Unnamed	California Cr	County	Culvert	OK	100				
370241	1.1	Cedar Cr	Dakota Cr	County	Culvert	OK	100				
370256	1.1	Unnamed	NF Dakota Cr	County	Culvert	RR	67	0	1	RSFS	10.55
370257	1.1	Unnamed	Dakota Cr	County	Culvert	OK	100				
370258	1.1	Unnamed	Dakota Cr	County	Culvert	OK	100				
370259	1.1	Haynie Cr	Dakota Cr	County	Culvert	OK	100				
370263	1.1	Campbell Cr	California Cr	County	Culvert	OK	100				
370264	1.1	Tarte Cr	California Cr	County	Culvert	OK	100				
370265	1.1	Unnamed	California Cr	County	Culvert	OK	100				
370272	1.1	Unnamed	Spooner Cr	County	Culvert	RR	33			TD	
370273	1.1	Spooner Cr	Dakota Cr	County	Culvert	RR	0	2	1	RSFS	17.29
370275	1.1	Unnamed	Lummi Bay	County	Culvert	RR	33			TD	
370276	1.1	Unnamed	Lummi Bay	County	Culvert	UD					
370277	1.1	Unnamed	Dakota Cr	County	Culvert	RR	67	1	2	RSFS	4.35
370278	1.1	Unnamed	Dakota Cr	County	Culvert	RR	33	1	4	FS	18.73
370279	1.1	Unnamed	NF Dakota Cr	County	Culvert	RR	67	3	0	RSFS	15.77
370282	1.1	Unnamed	Georgia St	County	Culvert	RR	33	0	0	RSFS	19.17
370287	1.1	Unnamed	Dakota Cr	County	Culvert	OK	100				
370295	1.1	Lummi R	Lummi Bay	County	Culvert	OK	100				
370296	1.1	Unnamed	Schell Cr	County	Culvert	OK	100				
370318		Unnamed	California Cr	County	Fishway	RR	67			TD	
370321	1.1	Unnamed	Lummi Bay	County	Culvert	UD					
370338	1.1	Unnamed	Lummi R	County	Culvert	RR	33	0	0	ETD	9.13

[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		
370339	1.1	Schell Cr	Lummi R	County	Culvert	OK	100				
370348	1.1	Unnamed	Dakota Cr	County	Culvert	LG	67	0	1	RSFS	8.77
370349	1.1	Unnamed	SF Dakota Cr	County	Culvert	RR	67	0	1	RSFS	8.30
370350	1.1	Unnamed	California Cr	County	Culvert	LG	33			TD	
370351	1.1	Unnamed	California Cr	County	Culvert	OK	100				
370352	1.1	Unnamed	California Cr	County	Culvert	OK	100				
370354	1.1	Unnamed	Lummi Bay	County	Culvert	OK	100				
370368	1.1	Unnamed	Haynie Cr	County	Culvert	RR	67	0	0	RSFS	10.19
370373	1.1	Unnamed	Birch Bay	County	Culvert	RR	67			TD	
370374	1.1	Unnamed	Terrell Cr	County	Culvert	UD					
370413	1.1	Jordan Cr	Lummi R	County	Culvert	UD					
370442	1.1	Unnamed	California Cr	County	Culvert						
370443	1.1	Unnamed	Jordan Cr	County	Culvert	RR	67	7	1	RSFS	13.77
370459	1.1	Spooner Cr	Dakota Cr	County	Culvert	RR	33	1	2	RSFS	13.32
370460	1.1	Unnamed	California Cr	County	Culvert	OK	100				
370461	1.1	Unnamed	California Cr	County	Culvert	OK	100				
370462	1.1	Unnamed	California Cr	County	Culvert	UD					
370463	1.1	Unnamed	California Cr	County	Culvert	UD					
370464	1.1	Unnamed	California Cr	County	Culvert	UD					
370473	1.1	Unnamed	Dakota Cr	County	Culvert	OK	100				
370512	1.1	Schell Cr	Lummi R	County	Culvert	UD					
370518	1.1	Unnamed	Dakota Cr	County	Culvert	RR	33	1	0	RSFS	7.58
370522	1.1	Unnamed	NF Dakota Cr	County	Culvert	RR	0	0	2	RSFS	6.85

[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		
370523	1.1	Unnamed	NF Dakota Cr	County	Culvert	RR	0	0	2	RSFS	6.99
370524	1.1	Unnamed	Dakota Cr	County	Culvert	RR	33			TD	
370525	1.1	Unnamed	Dakota Cr	County	Culvert	RR	33			TD	
370535	1.1	Unnamed	NF Dakota Cr	County	Culvert	UD					
370536	1.1	NF Dakota Cr	Dakota Cr	County	Culvert	OK	100				
370537	1.1	Unnamed	Dakota Cr	County	Culvert	UD					
370538	1.1	Unnamed	Dakota Cr	County	Culvert	UD					
370540	1.1	Spooner Cr	Dakota Cr	County	Culvert	RR	67	3	0	RSFS	18.47
370541	1.1	Unnamed	Dakota Cr	County	Culvert	OK	100				
370542	1.1	Unnamed	Dakota Cr	County	Culvert	RR	33	2	0	RSFS	9.75
370543	1.1	Unnamed	Dakota Cr	County	Culvert	RR	33	0	5	FS	11.39
370560	1.2	Unnamed	Jordan Cr	County	Culvert	RR	33	8	0	RSFS	19.18
370561	1.1	Jordan Cr	Lummi R	County	Culvert	OK	100				
370562	1.1	Unnamed	California Cr	County	Culvert	RR	67			TD	
370563	1.1	Hunziker Ponds	Haynie Cr	County	Culvert	RR	0	7	0	RSFS	17.79
370564	1.1	Unnamed	Haynie Cr	County	Culvert	RR	0	0	0	RSFS	8.94
370576	1.1	Unnamed	California Cr	County	Culvert	RR	67			TD	
370577	1.1	Unnamed	California Cr	County	Culvert	RR	33			TD	
370579	1.1	Unnamed	California Cr	County	Culvert	RR	0	1	0	RSFS	8.32
370580	1.1	Unnamed	California Cr	County	Culvert	RR	0	0	0	RSFS	7.61
370585	1.1	Unnamed	Dakota Cr	County	Culvert	UD					
370599	1.1	Unnamed	California Cr	County	Culvert	OK	100				
370612	1.1	Unnamed	California Cr	County	Culvert	RR	0			TD	

[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		
370627	1.1	Unnamed	Terrell Cr	County	Culvert	RR	33			TD	
370628	1.1	Unnamed	Jordan Cr	County	Culvert	LG	0			TD	
370629	1.2	Unnamed	Jordan Cr	County	Culvert	RR	33	1	2	RSFS	9.66
370630	1.1	Schell Cr	Lummi R	City	Culvert	RR	33	4	0	FS	21.56
370631	1.1	Unnamed	Jordan Cr	County	Culvert	OK	100				
370632	1.1	Unnamed	Jordan Cr	County	Culvert	OK	100				
370633	1.1	Unnamed	Jordan Cr	County	Culvert	LG	67			TD	
370634	1.1	Unnamed	Jordan Cr	County	Culvert	RR	33	0	7	RSFS	6.30
370635	1.1	Unnamed	Jordan Cr	County	Culvert	LG	67			TD	
370636	1.2	Schell Cr	Lummi R	City	Culvert	OK	100				
370637	1.1	Unnamed	Jordan Cr	County	Culvert	UD					
370639	1.1	Unnamed	Dakota Cr	County	Culvert	LG	33	0	0	RSFS	8.53
370640	1.1	Unnamed	SF Dakota Cr	County	Culvert	UD					
370641	1.1	Unnamed	SF Dakota Cr	County	Culvert	UD					
370642	1.1	Unnamed	NF Dakota Cr	County	Culvert	LG	33			TD	
370644	1.1	Unnamed	SF Dakota Cr	County	Culvert	OK	100				
370697	1.1	Schell Cr	Lummi R	County	Culvert	OK	100				
370698	1.1	Un-named	Jordan Cr	County	Culvert	UD					
370699	1.1	Jordan Cr	Lummi R	County	Culvert	RR	0			TD	
370701	1.2	unnamed	Lummi Bay	County	Culvert	RR	67			TD	
981777	1.1	Unnamed	Terrell Cr	State	Culvert	OK	100				
981778	1.2	Unnamed	Terrell Cr	State	Culvert	OK	100				
981779		Unnamed	Terrell Cr	State	Dam	RR	0	0	5	PS4	15.82

[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		
981780		Unnamed	Terrell Cr	Private	Dam	RR	0	0	9	PS4	15.23
981781		Unnamed	Terrell Cr	Private	Dam	LG	0	0	0		
981782	1.1	Unnamed	Terrell Cr	Private	Culvert						
981783		Unnamed	Terrell Cr	Private	Dam	LG	0	0	0		
981785		Unnamed	Terrell Cr	Private	Dam	RR	0	1	8	PS4	18.33
981786		Unnamed	Terrell Cr	Private	Dam	RR	0	2	7	PS4	21.91
981787		Unnamed	Terrell Cr	Private	Dam	LG	0	0	0	PS4	3.41
981788	1.1	Terrell Cr	Birch Bay	State	Culvert	RR	0	14	0	PS4	46.82
981789	1.1	Terrell Cr	Birch Bay	County	Culvert	RR	33	13	1	PS4	38.09
981790	1.1	Terrell Cr	Birch Bay	County	Culvert	OK	100				
981791	1.1	Terrell Cr	Birch Bay	County	Culvert	OK	100				
981792		Unnamed	Terrell Cr	Private	Dam	RR	0	2	0	PS4	16.60
981793		Unnamed	Terrell Cr	Private	Dam	RR	0	1	1	PS4	14.85
981794	1.2	Unnamed	Terrell Cr	Private	Culvert	LG	33	0	2	PS4	6.85
981795	1.1	Unnamed	Terrell Cr	Private	Culvert						
981796		Unnamed	Terrell Cr	Private	Dam	LG	0	0	0	PS4	3.61
981797	1.1	Unnamed	Terrell Cr	County	Culvert	RR	67	3	6	PS4	16.68
981798		Unnamed	Terrell Cr	State	Dam	RR	0	4	5	PS4	23.65
981808	1.1	Terrell Cr	Birch Bay	Private	Culvert	OK	100				
981809	1.2	Terrell Cr	Birch Bay	County	Culvert	RR	67	3	5	PS4	7.45
981815		Unnamed	Terrell Cr	Private	Dam	OK	100				
981816	1.3	Terrell Cr	Birch Bay	Private	Culvert	OK	100				
981817	1.1	Terrell Cr	Birch Bay	Private	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		
981818	1.2	Terrell Cr	Birch Bay	Private	Culvert	RR	67	2	6	PS4	8.24
981819	1.1	Terrell Cr	Birch Bay	Private	Culvert	RR	67	1	7	PS4	8.24
981820	1.1	Terrell Cr	Birch Bay	County	Culvert	RR	33	0	8	PS4	8.89
981821		Unnamed	Terrell Cr	Private	Dam	LG	0	0	0		
981823		Unnamed	Terrell Cr	Private	Dam	RR	0	0	0	PS4	4.12
981825		Unnamed	Terrell Cr	Private	Dam	RR	0	5	0	PS4	30.61
981826	1.1	Unnamed	Terrell Cr	County	Culvert	RR	67	4	1	PS4	21.03
981827		Unnamed	Terrell Cr	Private	Dam	RR	0	3	2	PS4	25.85
981828		Unnamed	Terrell Cr	Private	Dam	RR	0	2	3	PS4	25.16
981829	1.1	Unnamed	Terrell Cr	Private	Culvert	OK	100				
981830	1.1	Unnamed	Terrell Cr	County	Culvert	RR	67	1	4	PS4	11.98
981831	1.1	Unnamed	Terrell Cr	County	Culvert						
981832		Unnamed	Terrell Cr	Private	Dam	RR	0	0	5	PS4	15.82
981833	1.1	Unnamed	Terrell Cr	Private	Culvert	OK	100				
981834	1.1	Unnamed	Terrell Cr	Private	Culvert	OK	100				
981835	1.1	Unnamed	Terrell Cr	Private	Culvert	OK	100				
990429	1.1	Terrell Cr	Birch Bay	State	Culvert	RR	0	11	3	PS4	31.43
991061	1.1	Fingleson Cr	Terrell Cr	State	Culvert	OK	100				
994229	1.1	Fingleson Cr	Terrell Cr	State	Culvert						
994230	1.1	Unnamed	Dakota Cr	State	Culvert						
995712	1.1	Unnamed	California Cr	State	Culvert						
995713	1.1	Unnamed	California Cr	State	Culvert	OK	100				
995714	1.1	Unnamed	California 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		
995715	1.1	Unnamed	California Cr	State	Culvert	OK	100				
995716	1.1	Unnamed	California Cr	State	Culvert						
995717	1.1	Unnamed	California Cr	State	Culvert	OK	100				
995718	1.1	Unnamed	California Cr	State	Culvert						
995719	1.1	Unnamed	California Cr	State	Culvert						
995720	1.1	Unnamed	California Cr	State	Culvert	OK	100				
995721	1.1	Unnamed	California Cr	State	Culvert						
995722	1.1	Unnamed	Drayton Harbor	State	Culvert						
995724	1.1	Unnamed	California Cr	State	Culvert	OK	100				
995725	1.1	Unnamed	California Cr	State	Culvert	OK	100				
995726	1.2	Cain Cr	Boundary Bay	State	Culvert			1		UETD	
995727	1.1	Unnamed	Cain Cr	State	Culvert	LG	67	1		UETD	
995728	1.2	Unnamed	Semiahmoo Bay	State	Culvert	OK	100				
995730	1.1	Unnamed	Dakota Cr	State	Culvert						
995731	1.1	Unnamed	California Cr	State	Culvert	OK	100				
996002	1.1	Unnamed	California Cr	State	Culvert	OK	100				
996003	1.1	California Cr	Drayton Harbor	State	Culvert	UD		0	0	UETD	
996004	1.1	Unnamed	California Cr	State	Culvert	UD					
996005	1.1	Unnamed	Terrell Cr	State	Culvert						
996006	1.1	Unnamed	California Cr	State	Culvert	UD		0	0	UETD	
996007	1.1	Unnamed	California Cr	State	Culvert	RR	67	0	0	UETD	
996008	1.1	Unnamed	California Cr	State	Culvert	RR	33	2	0	FS	10.64
996009	1.1	Unnamed	California Cr	State	Culvert	UD					

[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		
996010	1.1	Unnamed	California Cr	State	Culvert						
996011	1.1	Unnamed	California Cr	State	Culvert				0	UETD	
996052	1.1	Unnamed	Cain Cr	City	Culvert	UD					
996053	1.1	Unnamed	Cain Cr	Private	Culvert	UD					
996055	1.1	Unnamed	California Cr	County	Culvert	OK	100				
996056	1.1	Unnamed	Drayton Harbor	Private	Culvert	RR	67			TD	
996141	1.1	Fingleson Cr	Terrell Cr	State	Culvert	UD					
996142	1.1	Unnamed	Fingleson Cr	State	Culvert	RR	0	0	0	UETD	
996146	1.1	Unnamed	Terrell Cr	State	Culvert					UETD	
996148	1.1	Unnamed	Terrell Cr	State	Culvert	UD					
996149	1.1	Unnamed	Birch Bay	State	Culvert	UD					
996150	1.1	Unnamed	Birch Bay	State	Culvert	UD					
996151	1.1	Unnamed	Birch Bay	State	Culvert						
996152	1.1	Unnamed	California Cr	State	Culvert	UD					
996153	1.2	Unnamed	California Cr	State	Culvert	RR	67	0	0	UETD	
996154	1.1	Unnamed	Drayton Harbor	State	Culvert						
996155	1.1	Unnamed	Drayton Harbor	State	Culvert			0	1	UETD	
996156	1.1	Cain Cr	Drayton Harbor	State	Culvert	UD		2	0	UETD	
996157	1.1	Cain Cr	Drayton Harbor	City	Culvert	UD					
996158	1.1	Cain Cr	Drayton Harbor	City	Culvert	UD					
996159	1.1	Cain Cr	Drayton Harbor	City	Culvert	UD					
996160	1.1	Cain Cr	Drayton Harbor	City	Culvert	UD					
996869	1.1	Unnamed	California 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		
996870	1.1	Unnamed	California Cr	Private	Culvert	RR	0	1	1	FS	5.41
996871		Unnamed	California Cr	Private	Dam	RR	0	0	2	FS	5.90

[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.

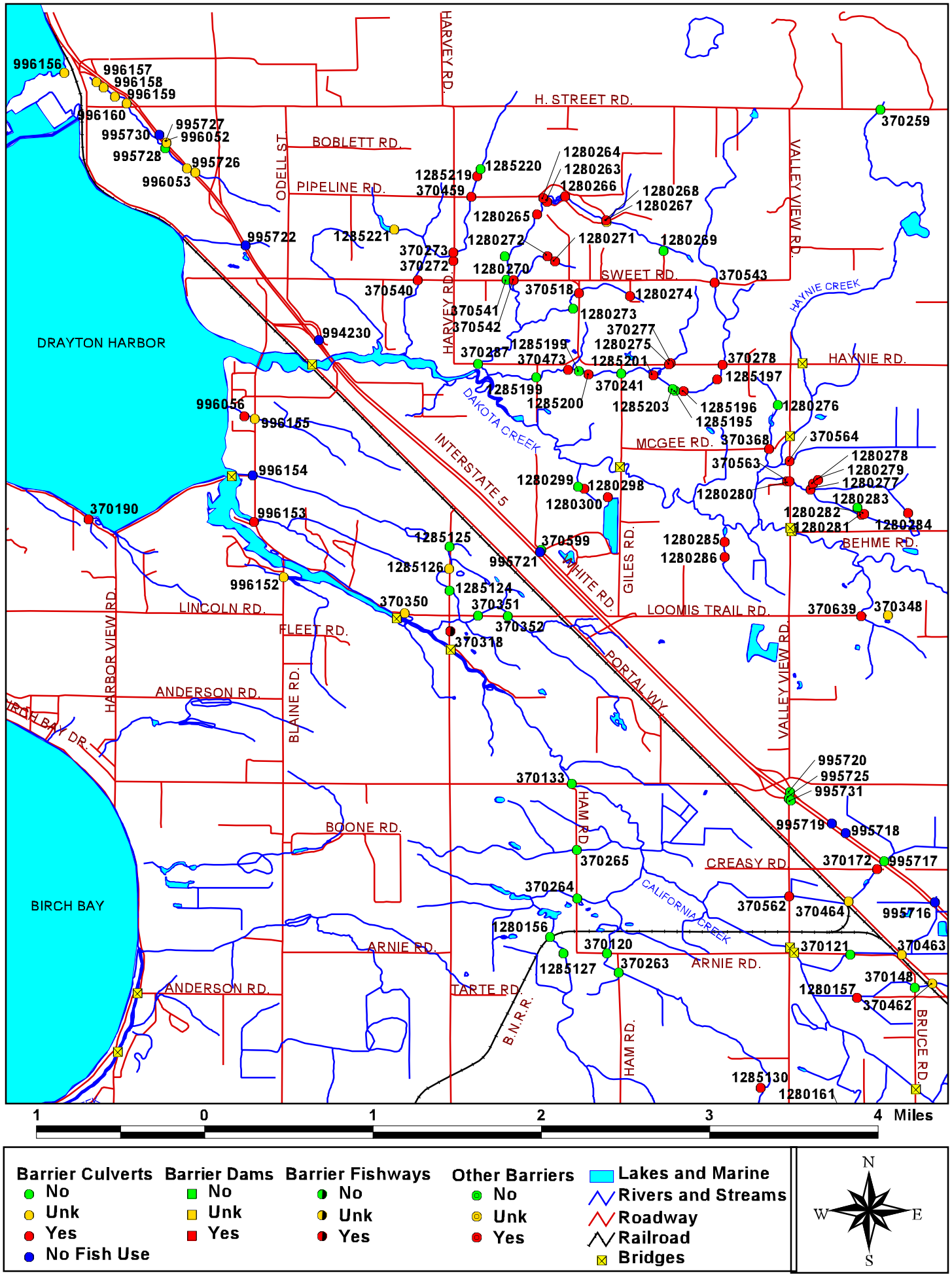
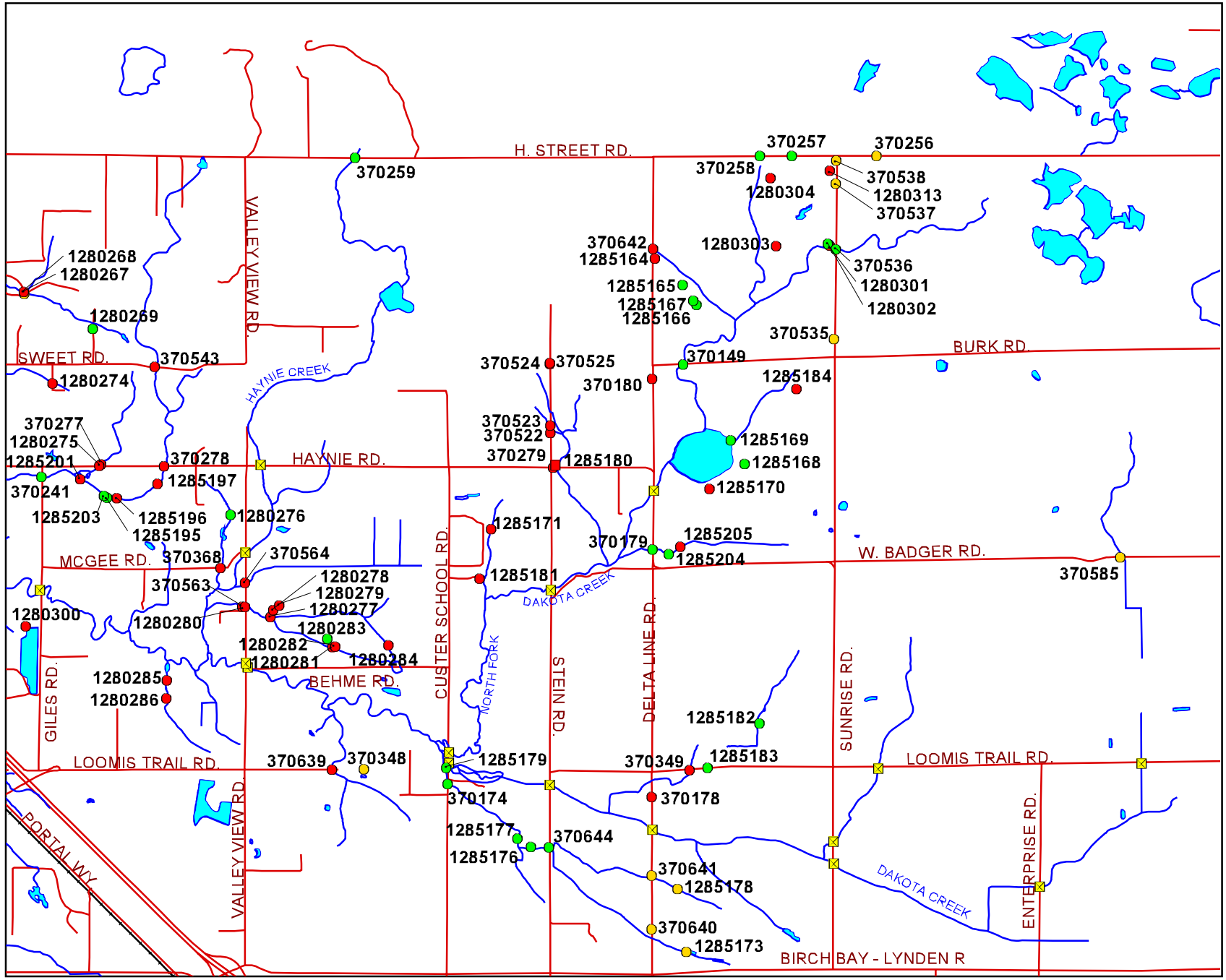


Figure 1. Lower Dakota and California Creek Features.



Map Features

- Waterways
- Roadway
- Railroad
- Bridges

Barrier Culverts
- No
- Unk
- Yes
- No Fish Use

Barrier Dams
- No
- Unk
- Yes

Barrier Fishways
- No
- Unk
- Yes

Other Barriers
- No
- Unk
- Yes

N W E S

1 0 1 2 Miles

Figure 2. Upper Dakota Creek Features

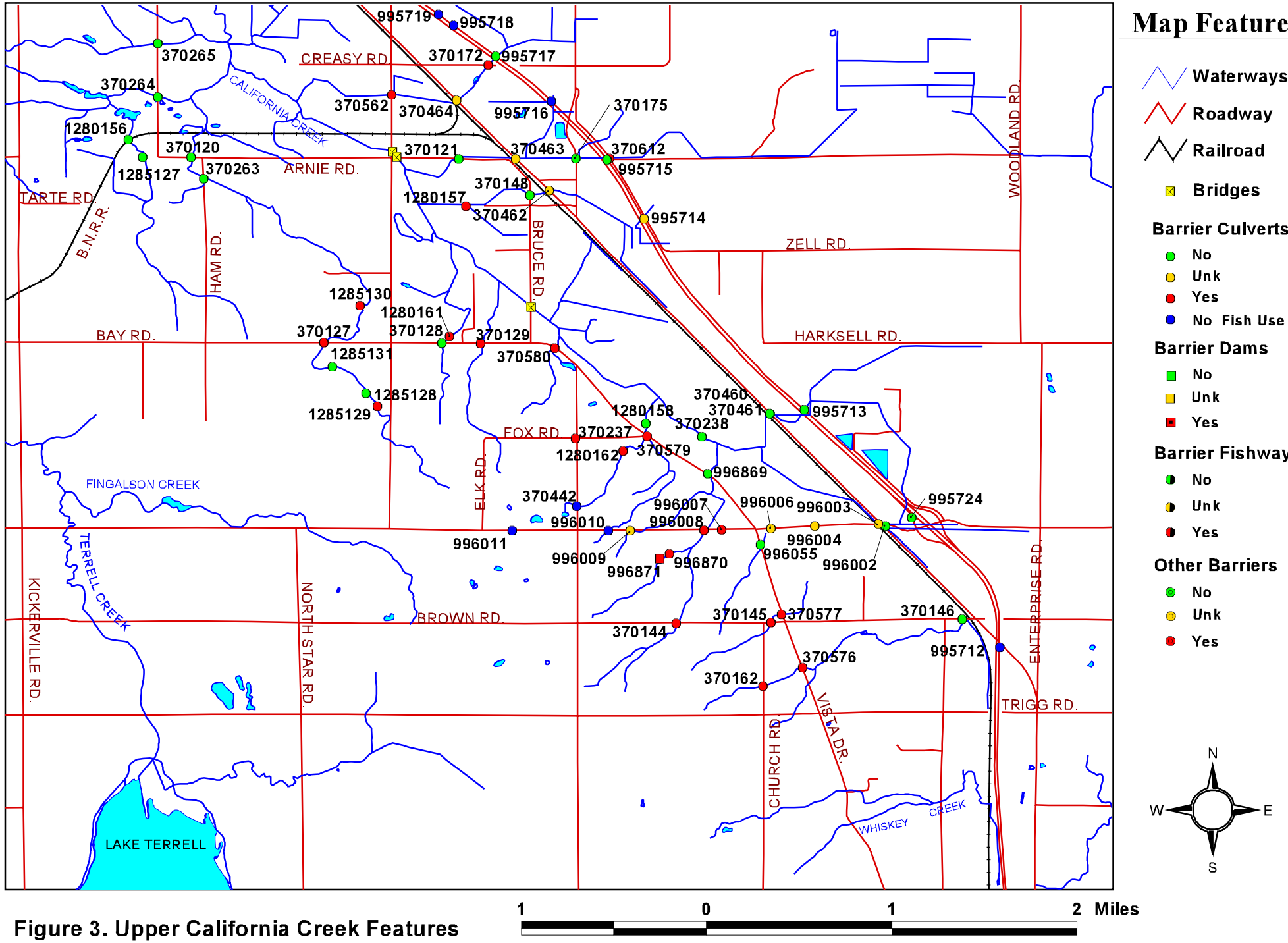


Figure 3. Upper California Creek Features

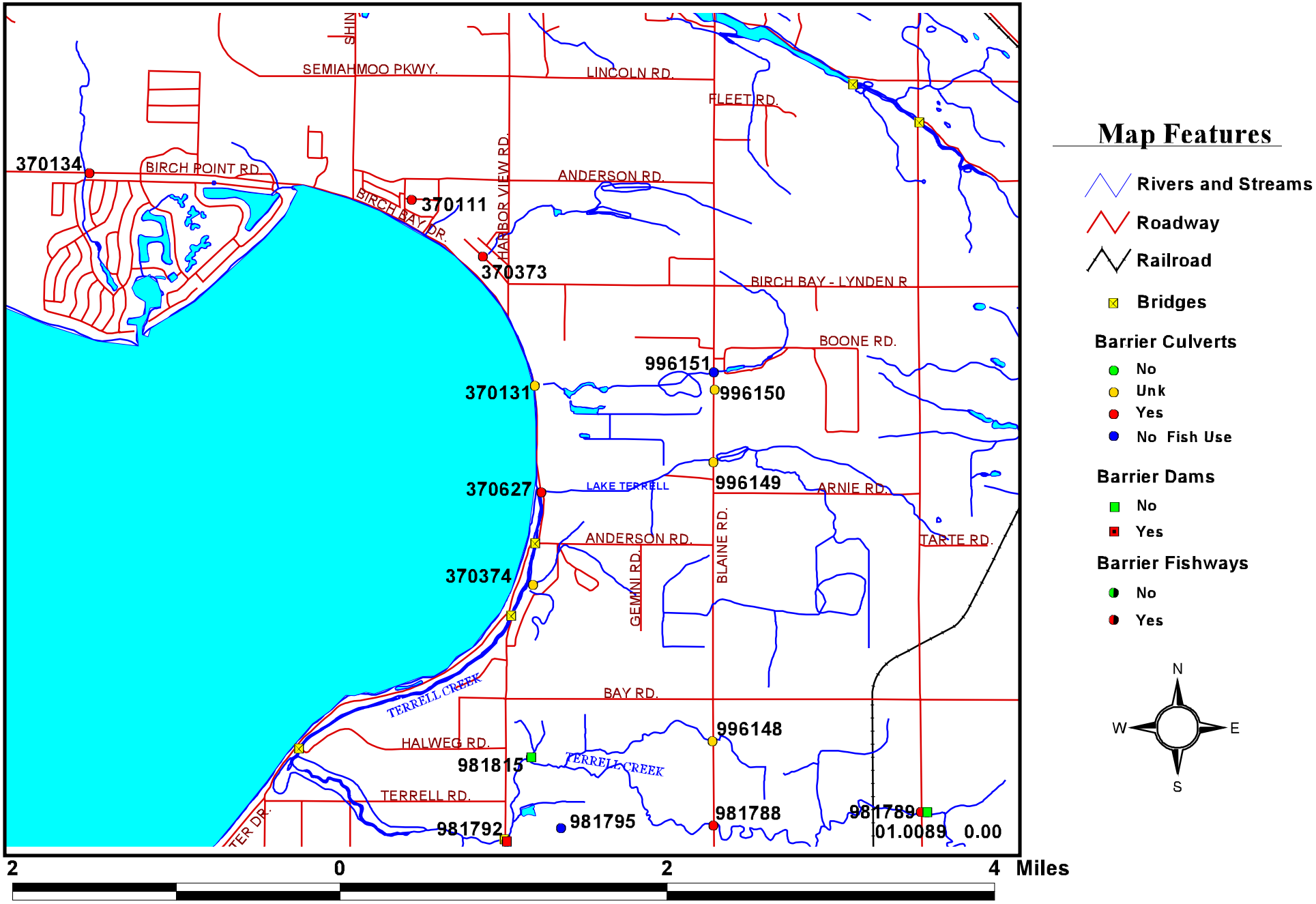


Figure 4. Birch Bay Features

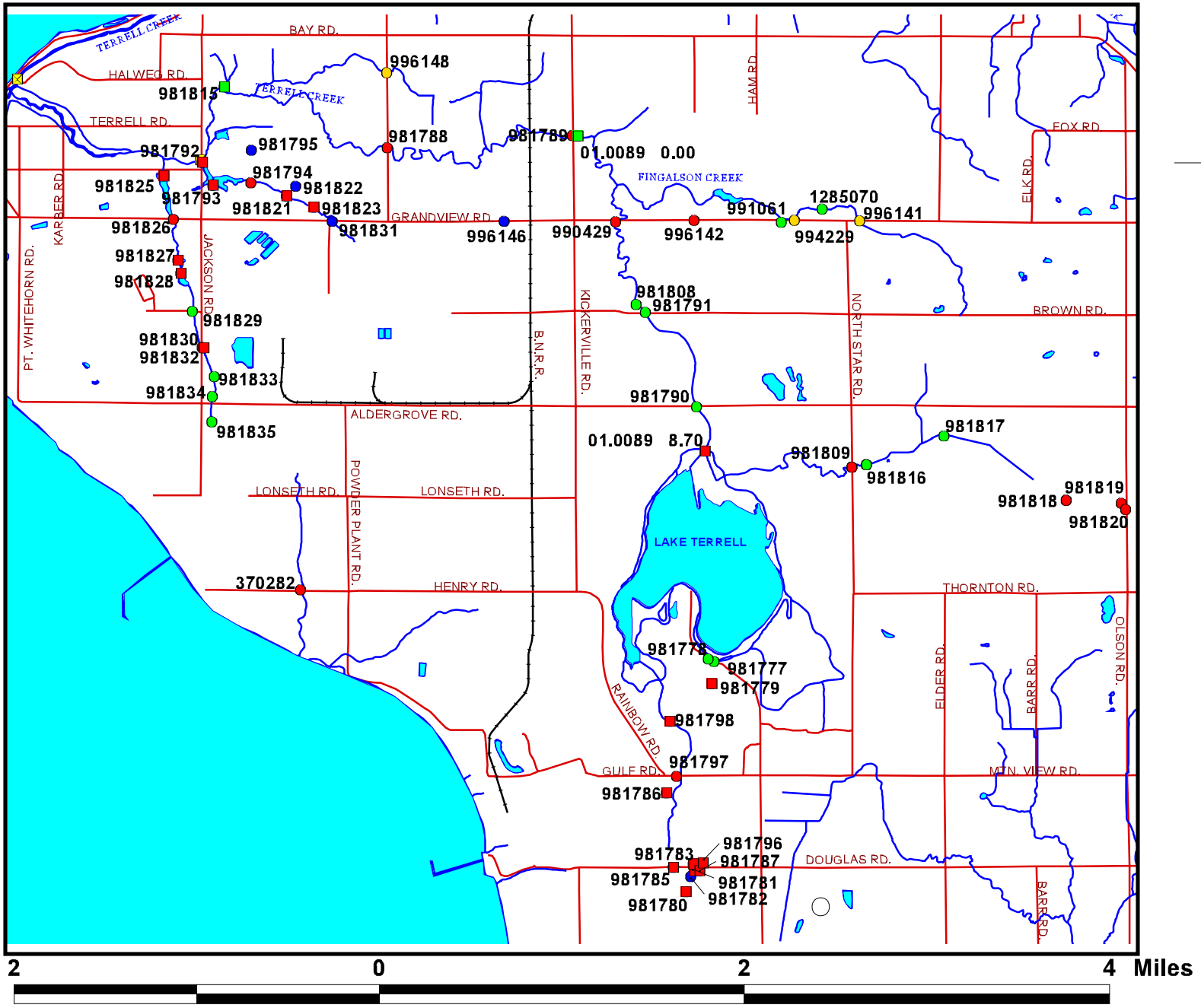


Figure 5. Terrell Creek Features

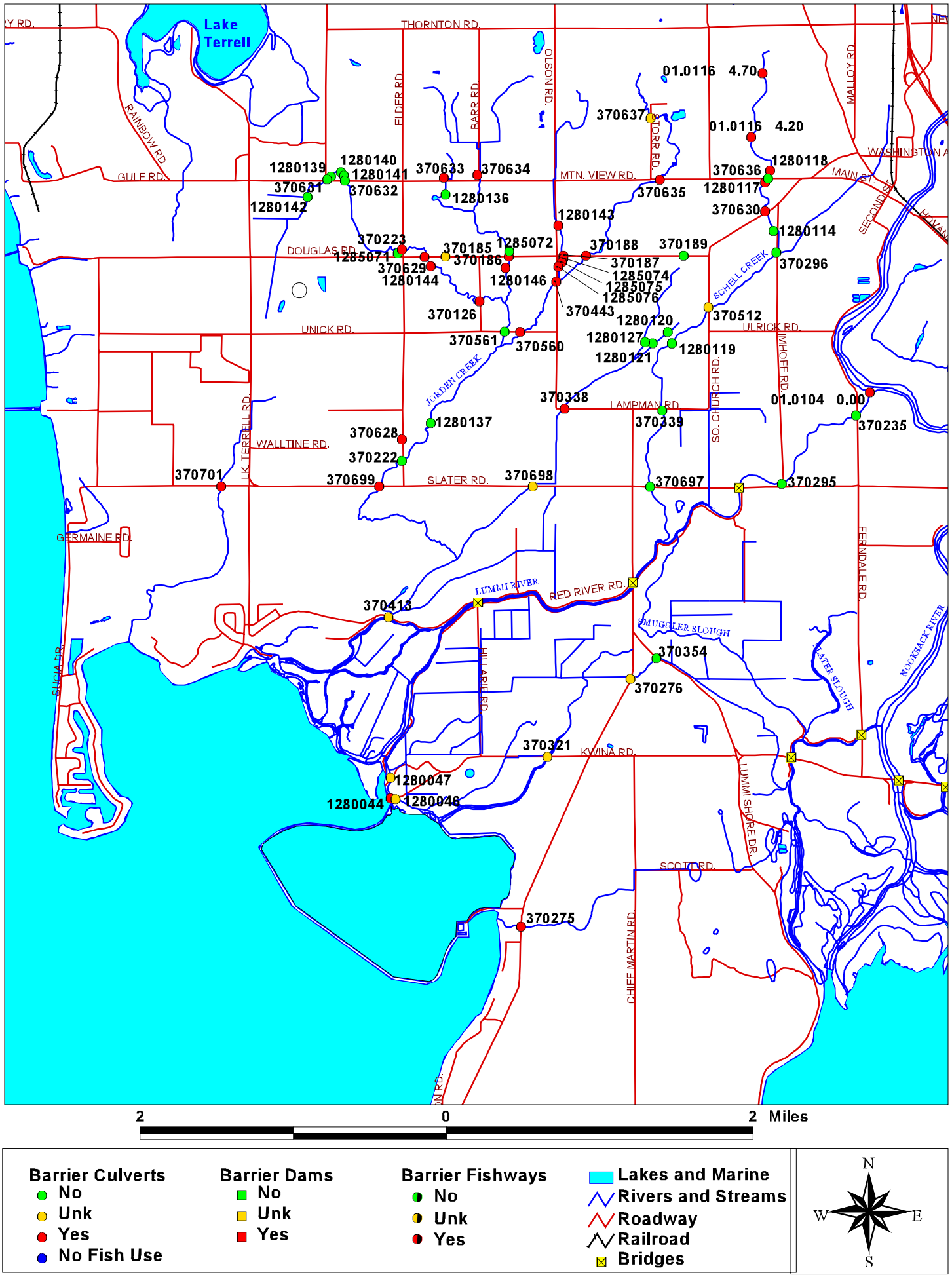


Figure 6. Jordon, Cr., Schell Cr., and Lummi River Features.

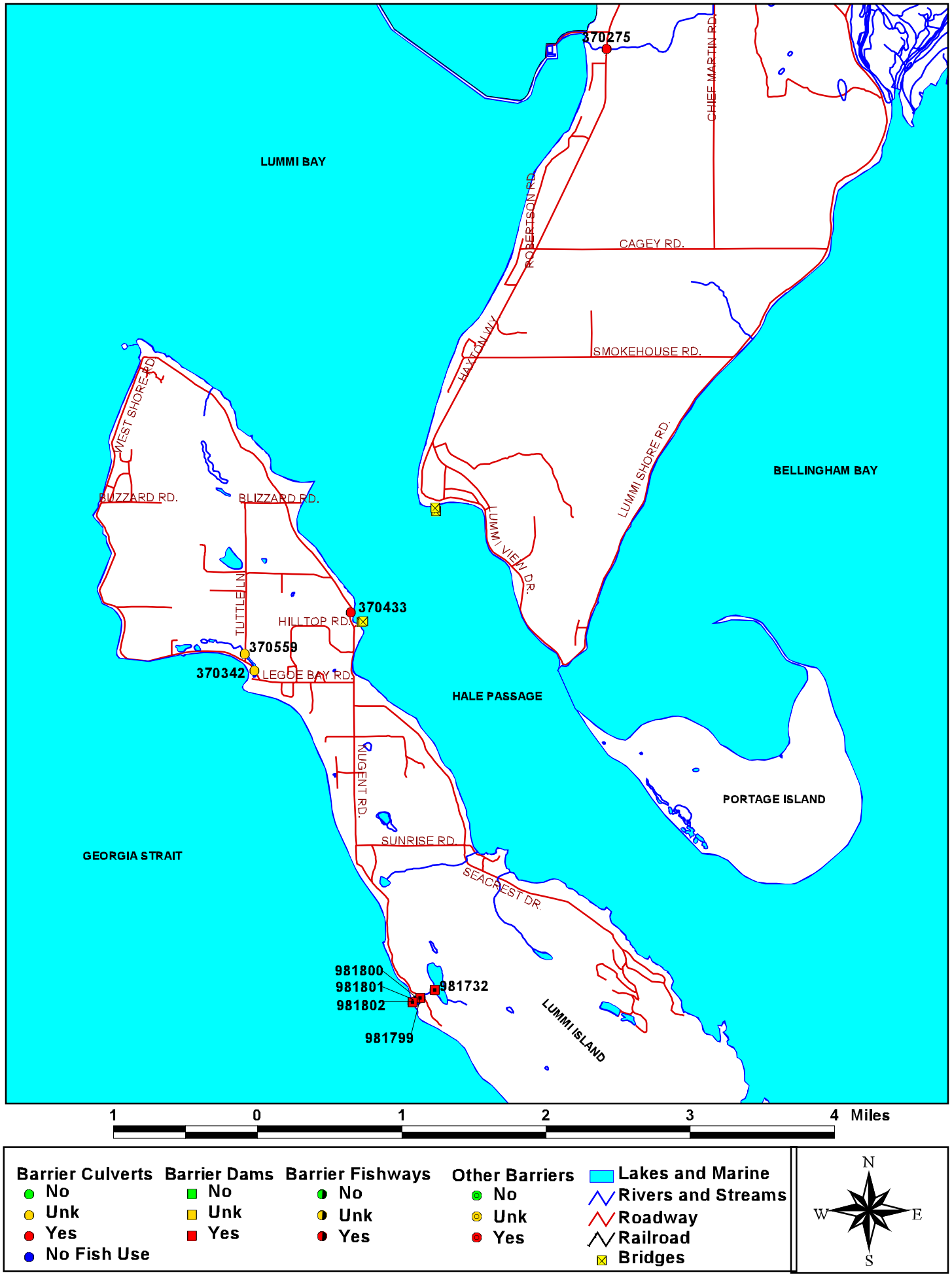


Figure 7. Lummi Island Features.

Coastal Culvert Barriers:

PI TOTAL: **46.82**

GENERAL INFORMATION

Site ID:	981788
Stream:	Terrell Cr
Trib To:	Birch Bay
Owner:	State

CULVERT ATTRIBUTES

Shape:	RND
Material:	SPS
Span (m):	3.81
Length (m):	35.20

BARRIER STATUS

Problem:	Outfall;Slope
Ds Barriers:	0
Us Barriers:	14

HABITAT GAIN

Lineal Gain (m):	18,167
Spawn Area (m2):	8,060
Rear Area (m2):	74,822

PI TOTAL: **38.09**

GENERAL INFORMATION

Site ID:	981789
Stream:	Terrell Cr
Trib To:	Birch Bay
Owner:	County

CULVERT ATTRIBUTES

Shape:	BOX
Material:	CPC
Span (m):	2.50
Length (m):	26.38

BARRIER STATUS

Problem:	Velocity/Depth
Ds Barriers:	1
Us Barriers:	13

HABITAT GAIN

Lineal Gain (m):	15,478
Spawn Area (m2):	4,453
Rear Area (m2):	65,837

PI TOTAL: **31.43**

GENERAL INFORMATION

Site ID:	990429
Stream:	Terrell Cr
Trib To:	Birch Bay
Owner:	State

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	1.83
Length (m):	40.78

BARRIER STATUS

Problem:	Slope;Outfall
Ds Barriers:	3
Us Barriers:	11

HABITAT GAIN

Lineal Gain (m):	11,313
Spawn Area (m2):	2,767
Rear Area (m2):	52,518

PI TOTAL: **26.82**

GENERAL INFORMATION

Site ID:	1280301
Stream:	NF Dakota Cr
Trib To:	Drayton Harbor
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	CAL
Span (m):	0.95
Length (m):	5.92

BARRIER STATUS

Problem:	Slope
Ds Barriers:	0
Us Barriers:	0

HABITAT GAIN

Lineal Gain (m):	3,160
Spawn Area (m2):	2,079
Rear Area (m2):	4,234

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

Coastal Culvert Barriers:

PI TOTAL: **23.19**

GENERAL INFORMATION

Site ID:	1280265
Stream:	Unnamed
Trib To:	Dakota Cr
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	SST
Span (m):	0.55
Length (m):	10.12

BARRIER STATUS

Problem:	Outfall Drop
Ds Barriers:	0
Us Barriers:	5

HABITAT GAIN

Lineal Gain (m):	1,271
Spawn Area (m2):	513
Rear Area (m2):	5,711

PI TOTAL: **22.67**

GENERAL INFORMATION

Site ID:	1280264
Stream:	Unnamed
Trib To:	Dakota Cr
Owner:	City

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	1.25
Length (m):	24.05

BARRIER STATUS

Problem:	Outfall drop
Ds Barriers:	1
Us Barriers:	4

HABITAT GAIN

Lineal Gain (m):	1,101
Spawn Area (m2):	390
Rear Area (m2):	5,648

PI TOTAL: **22.67**

GENERAL INFORMATION

Site ID:	1280263
Stream:	Unnamed
Trib To:	Dakota Cr
Owner:	City

CULVERT ATTRIBUTES

Shape:	BOX
Material:	CPC
Span (m):	1.75
Length (m):	9.90

BARRIER STATUS

Problem:	Outlfall
Ds Barriers:	2
Us Barriers:	3

HABITAT GAIN

Lineal Gain (m):	1,101
Spawn Area (m2):	390
Rear Area (m2):	5,648

PI TOTAL: **21.56**

GENERAL INFORMATION

Site ID:	370630
Stream:	Schell Cr
Trib To:	Lummi R
Owner:	City

CULVERT ATTRIBUTES

Shape:	RND
Material:	CAL
Span (m):	0.95
Length (m):	24.16

BARRIER STATUS

Problem:	slope
Ds Barriers:	0
Us Barriers:	4

HABITAT GAIN

Lineal Gain (m):	2,124
Spawn Area (m2):	1,483
Rear Area (m2):	1,614

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

Coastal Culvert Barriers:

PI TOTAL: **21.03**

GENERAL INFORMATION

Site ID:	981826
Stream:	Unnamed
Trib To:	Terrell Cr
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.91
Length (m):	18.17

BARRIER STATUS

Problem:	Slope
Ds Barriers:	1
Us Barriers:	4

HABITAT GAIN

Lineal Gain (m):	2,117
Spawn Area (m2):	355
Rear Area (m2):	10,969

PI TOTAL: **20.09**

GENERAL INFORMATION

Site ID:	1285196
Stream:	Unnamed
Trib To:	Dakota Cr
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	1.22
Length (m):	2.90

BARRIER STATUS

Problem:	Slope
Ds Barriers:	2
Us Barriers:	3

HABITAT GAIN

Lineal Gain (m):	2,506
Spawn Area (m2):	582
Rear Area (m2):	1,440

PI TOTAL: **19.58**

GENERAL INFORMATION

Site ID:	1280298
Stream:	Unnamed
Trib To:	Dakota Cr
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	0.45
Length (m):	11.40

BARRIER STATUS

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

HABITAT GAIN

Lineal Gain (m):	838
Spawn Area (m2):	0
Rear Area (m2):	12,589

PI TOTAL: **19.56**

GENERAL INFORMATION

Site ID:	1280117
Stream:	Schell Cr
Trib To:	Lummi R
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	1.20
Length (m):	32.31

BARRIER STATUS

Problem:	Outfall drop, Slope
Ds Barriers:	1
Us Barriers:	3

HABITAT GAIN

Lineal Gain (m):	1,663
Spawn Area (m2):	1,176
Rear Area (m2):	1,171

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

Coastal Culvert Barriers:

PI TOTAL: **19.46**

No Image Available

GENERAL INFORMATION

Site ID:	1285197
Stream:	Unnamed
Trib To:	Dakota Cr
Owner:	Private

BARRIER STATUS

Problem:	Slope
Ds Barriers:	3
Us Barriers:	2

CULVERT ATTRIBUTES

Shape:	SQSH
Material:	SST
Span (m):	1.30
Length (m):	6.40

HABITAT GAIN

Lineal Gain (m):	2,135
Spawn Area (m2):	558
Rear Area (m2):	1,229

PI TOTAL: **19.39**

GENERAL INFORMATION

Site ID:	1280300
Stream:	Giles Pond
Trib To:	Dakota Cr
Owner:	Private

BARRIER STATUS

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

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	0.45
Length (m):	17.10

HABITAT GAIN

Lineal Gain (m):	548
Spawn Area (m2):	0
Rear Area (m2):	12,104

PI TOTAL: **19.29**

GENERAL INFORMATION

Site ID:	1280118
Stream:	Schell Cr
Trib To:	Lummi R
Owner:	Private

BARRIER STATUS

Problem:	Slope
Ds Barriers:	2
Us Barriers:	2

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.90
Length (m):	28.47

HABITAT GAIN

Lineal Gain (m):	1,546
Spawn Area (m2):	1,122
Rear Area (m2):	1,101

PI TOTAL: **19.18**

GENERAL INFORMATION

Site ID:	370560
Stream:	Unnamed
Trib To:	Jordan Cr
Owner:	County

BARRIER STATUS

Problem:	Outfall drop
Ds Barriers:	0
Us Barriers:	8

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.76
Length (m):	12.80

HABITAT GAIN

Lineal Gain (m):	3,455
Spawn Area (m2):	774
Rear Area (m2):	2,700

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

Coastal Culvert Barriers:

PI TOTAL: **19.18**

GENERAL INFORMATION

Site ID:	370560
Stream:	Unnamed
Trib To:	Jordan Cr
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.91
Length (m):	12.19

BARRIER STATUS

Problem:	Outfall drop
Ds Barriers:	0
Us Barriers:	8

HABITAT GAIN

Lineal Gain (m):	3,455
Spawn Area (m2):	774
Rear Area (m2):	2,700

PI TOTAL: **19.17**

GENERAL INFORMATION

Site ID:	370282
Stream:	Unnamed
Trib To:	Georgia St
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	1.52
Length (m):	35.05

BARRIER STATUS

Problem:	Slope
Ds Barriers:	0
Us Barriers:	0

HABITAT GAIN

Lineal Gain (m):	813
Spawn Area (m2):	2,320
Rear Area (m2):	1,174

PI TOTAL: **19.00**

GENERAL INFORMATION

Site ID:	1285130
Stream:	Campbell Cr
Trib To:	California Cr
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	1.20
Length (m):	12.40

BARRIER STATUS

Problem:	Velocity
Ds Barriers:	0
Us Barriers:	2

HABITAT GAIN

Lineal Gain (m):	2,719
Spawn Area (m2):	4,390
Rear Area (m2):	2,380

PI TOTAL: **18.73**

GENERAL INFORMATION

Site ID:	370278
Stream:	Unnamed
Trib To:	Dakota Cr
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	1.52
Length (m):	32.00

BARRIER STATUS

Problem:	Slope
Ds Barriers:	4
Us Barriers:	1

HABITAT GAIN

Lineal Gain (m):	1,944
Spawn Area (m2):	536
Rear Area (m2):	1,013

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

Coastal Culvert Barriers:

PI TOTAL: **18.47**

GENERAL INFORMATION

Site ID:	370540
Stream:	Spooner Cr
Trib To:	Dakota Cr
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	1.83
Length (m):	55.47

BARRIER STATUS

Problem:	Velocity
Ds Barriers:	0
Us Barriers:	3

HABITAT GAIN

Lineal Gain (m):	3,071
Spawn Area (m2):	512
Rear Area (m2):	1,435

PI TOTAL: **18.24**

GENERAL INFORMATION

Site ID:	1280303
Stream:	Unnamed
Trib To:	NF Dakota Cr
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	1.25
Length (m):	3.03

BARRIER STATUS

Problem:	Slope
Ds Barriers:	0
Us Barriers:	2

HABITAT GAIN

Lineal Gain (m):	1,970
Spawn Area (m2):	1,181
Rear Area (m2):	1,453

PI TOTAL: **17.81**

GENERAL INFORMATION

Site ID:	1285200
Stream:	Unnamed
Trib To:	Dakota Cr
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	SST
Span (m):	1.25
Length (m):	7.10

BARRIER STATUS

Problem:	velocity, depth
Ds Barriers:	0
Us Barriers:	5

HABITAT GAIN

Lineal Gain (m):	3,497
Spawn Area (m2):	631
Rear Area (m2):	1,905

PI TOTAL: **17.79**

GENERAL INFORMATION

Site ID:	370563
Stream:	Hunziker Ponds
Trib To:	Haynie Cr
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	1.07
Length (m):	22.86

BARRIER STATUS

Problem:	Outfall drop
Ds Barriers:	0
Us Barriers:	7

HABITAT GAIN

Lineal Gain (m):	2,006
Spawn Area (m2):	0
Rear Area (m2):	8,590

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

Coastal Culvert Barriers:

PI TOTAL: **17.73**

GENERAL INFORMATION

Site ID:	1285128
Stream:	Campbell Cr
Trib To:	California Cr
Owner:	Private

BARRIER STATUS

Problem:	Slope
Ds Barriers:	2
Us Barriers:	0

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	0.91
Length (m):	12.10

HABITAT GAIN

Lineal Gain (m):	1,133
Spawn Area (m2):	1,377
Rear Area (m2):	1,042

PI TOTAL: **17.53**

GENERAL INFORMATION

Site ID:	370129
Stream:	Unnamed
Trib To:	California Cr
Owner:	County

BARRIER STATUS

Problem:	gradient
Ds Barriers:	0
Us Barriers:	1

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.76
Length (m):	36.58

HABITAT GAIN

Lineal Gain (m):	1,369
Spawn Area (m2):	873
Rear Area (m2):	1,377

PI TOTAL: **17.29**

GENERAL INFORMATION

Site ID:	370273
Stream:	Spooner Cr
Trib To:	Dakota Cr
Owner:	County

BARRIER STATUS

Problem:	Outfall drop
Ds Barriers:	1
Us Barriers:	2

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	1.52
Length (m):	28.96

HABITAT GAIN

Lineal Gain (m):	1,965
Spawn Area (m2):	508
Rear Area (m2):	928

PI TOTAL: **17.21**

GENERAL INFORMATION

Site ID:	1285201
Stream:	Unnamed
Trib To:	Dakota Cr
Owner:	Private

BARRIER STATUS

Problem:	Velocity
Ds Barriers:	1
Us Barriers:	4

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	1.20
Length (m):	8.50

HABITAT GAIN

Lineal Gain (m):	2,835
Spawn Area (m2):	600
Rear Area (m2):	1,608

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

Coastal Culvert Barriers:

PI TOTAL: **17.09**

GENERAL INFORMATION

Site ID:	370127
Stream:	Campbell Cr
Trib To:	California Cr
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	1.22
Length (m):	22.25

BARRIER STATUS

Problem:	Depth
Ds Barriers:	1
Us Barriers:	1

HABITAT GAIN

Lineal Gain (m):	2,110
Spawn Area (m2):	2,553
Rear Area (m2):	1,740

PI TOTAL: **16.68**

GENERAL INFORMATION

Site ID:	981797
Stream:	Unnamed
Trib To:	Terrell Cr
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	
Length (m):	62.17

BARRIER STATUS

Problem:	Slope
Ds Barriers:	6
Us Barriers:	3

HABITAT GAIN

Lineal Gain (m):	1,349
Spawn Area (m2):	0
Rear Area (m2):	12,619

PI TOTAL: **16.10**

GENERAL INFORMATION

Site ID:	1280280
Stream:	Hunziker Ponds
Trib To:	Haynie Cr
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	0.45
Length (m):	7.20

BARRIER STATUS

Problem:	Slope
Ds Barriers:	1
Us Barriers:	6

HABITAT GAIN

Lineal Gain (m):	1,999
Spawn Area (m2):	0
Rear Area (m2):	8,590

PI TOTAL: **16.10**

GENERAL INFORMATION

Site ID:	1280280
Stream:	Hunziker Ponds
Trib To:	Haynie Cr
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	CAL
Span (m):	0.60
Length (m):	7.00

BARRIER STATUS

Problem:	Slope
Ds Barriers:	1
Us Barriers:	6

HABITAT GAIN

Lineal Gain (m):	1,999
Spawn Area (m2):	0
Rear Area (m2):	8,590

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

Coastal Culvert Barriers:

PI TOTAL: **15.77**

GENERAL INFORMATION

Site ID:	370279
Stream:	Unnamed
Trib To:	NF Dakota Cr
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	1.22
Length (m):	23.77

BARRIER STATUS

Problem:	Depth
Ds Barriers:	0
Us Barriers:	3

HABITAT GAIN

Lineal Gain (m):	1,236
Spawn Area (m2):	386
Rear Area (m2):	1,304

PI TOTAL: **15.72**

GENERAL INFORMATION

Site ID:	370186
Stream:	Unnamed
Trib To:	Jordan Cr
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.61
Length (m):	10.36

BARRIER STATUS

Problem:	Outfall drop
Ds Barriers:	1
Us Barriers:	2

HABITAT GAIN

Lineal Gain (m):	2,442
Spawn Area (m2):	51
Rear Area (m2):	1,629

PI TOTAL: **15.72**

GENERAL INFORMATION

Site ID:	370186
Stream:	Unnamed
Trib To:	Jordan Cr
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.61
Length (m):	10.36

BARRIER STATUS

Problem:	Outfall drop
Ds Barriers:	1
Us Barriers:	2

HABITAT GAIN

Lineal Gain (m):	2,442
Spawn Area (m2):	51
Rear Area (m2):	1,629

PI TOTAL: **15.30**

GENERAL INFORMATION

Site ID:	370126
Stream:	Unnamed
Trib To:	Jordan Cr
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	1.37
Length (m):	16.15

BARRIER STATUS

Problem:	Velocity
Ds Barriers:	0
Us Barriers:	3

HABITAT GAIN

Lineal Gain (m):	3,593
Spawn Area (m2):	348
Rear Area (m2):	3,062

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

Coastal Culvert Barriers:

PI TOTAL: **14.91**

GENERAL INFORMATION

Site ID:	1280146
Stream:	Jordan Cr
Trib To:	Lummi R
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	0.90
Length (m):	5.70

BARRIER STATUS

Problem:	Slope
Ds Barriers:	0
Us Barriers:	3

HABITAT GAIN

Lineal Gain (m):	2,545
Spawn Area (m2):	89
Rear Area (m2):	1,717

PI TOTAL: **14.91**

GENERAL INFORMATION

Site ID:	1280146
Stream:	Jordan Cr
Trib To:	Lummi R
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	0.90
Length (m):	5.70

BARRIER STATUS

Problem:	Slope
Ds Barriers:	0
Us Barriers:	3

HABITAT GAIN

Lineal Gain (m):	2,545
Spawn Area (m2):	89
Rear Area (m2):	1,717

PI TOTAL: **13.84**

GENERAL INFORMATION

Site ID:	1280266
Stream:	Unnamed
Trib To:	Dakota Cr
Owner:	City

CULVERT ATTRIBUTES

Shape:	RND
Material:	CPC
Span (m):	1.30
Length (m):	11.40

BARRIER STATUS

Problem:	Slope
Ds Barriers:	3
Us Barriers:	2

HABITAT GAIN

Lineal Gain (m):	891
Spawn Area (m2):	389
Rear Area (m2):	482

PI TOTAL: **13.77**

GENERAL INFORMATION

Site ID:	370443
Stream:	Unnamed
Trib To:	Jordan Cr
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	1.52
Length (m):	20.12

BARRIER STATUS

Problem:	Velocity
Ds Barriers:	1
Us Barriers:	7

HABITAT GAIN

Lineal Gain (m):	2,742
Spawn Area (m2):	520
Rear Area (m2):	1,271

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

Coastal Culvert Barriers:

PI TOTAL: **13.64**

GENERAL INFORMATION

Site ID:	01.0116 4.20
Stream:	Schell Cr
Trib To:	Lummi R
Owner:	City

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	0.90
Length (m):	29.30

BARRIER STATUS

Problem:	Slope
Ds Barriers:	3
Us Barriers:	1

HABITAT GAIN

Lineal Gain (m):	1,061
Spawn Area (m2):	834
Rear Area (m2):	765

PI TOTAL: **13.38**

GENERAL INFORMATION

Site ID:	1280161
Stream:	Unnamed
Trib To:	California Cr
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.48
Length (m):	18.20

BARRIER STATUS

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

HABITAT GAIN

Lineal Gain (m):	842
Spawn Area (m2):	174
Rear Area (m2):	344

PI TOTAL: **13.32**

GENERAL INFORMATION

Site ID:	370459
Stream:	Spooner Cr
Trib To:	Dakota Cr
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	CAL
Span (m):	1.37
Length (m):	22.25

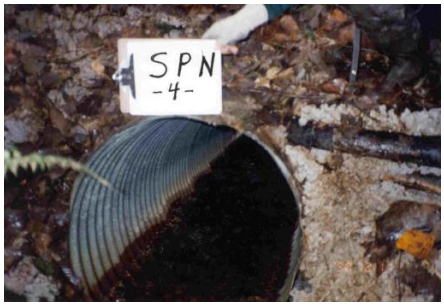
BARRIER STATUS

Problem:	Slope
Ds Barriers:	2
Us Barriers:	1

HABITAT GAIN

Lineal Gain (m):	1,162
Spawn Area (m2):	257
Rear Area (m2):	500

PI TOTAL: **13.29**



GENERAL INFORMATION

Site ID:	1285219
Stream:	Spooner Cr
Trib To:	Dakota Cr
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	0.76
Length (m):	9.14

BARRIER STATUS

Problem:	Outfall Drop
Ds Barriers:	3
Us Barriers:	1

HABITAT GAIN

Lineal Gain (m):	759
Spawn Area (m2):	103
Rear Area (m2):	311

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

Coastal Culvert Barriers:

PI TOTAL: **12.65**

GENERAL INFORMATION

Site ID:	1285076
Stream:	Unnamed
Trib To:	Jordan Cr
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.89
Length (m):	4.56

BARRIER STATUS

Problem:	outfall drop and slo
Ds Barriers:	2
Us Barriers:	5

HABITAT GAIN

Lineal Gain (m):	1,448
Spawn Area (m2):	35
Rear Area (m2):	569

PI TOTAL: **12.52**

GENERAL INFORMATION

Site ID:	1280304
Stream:	Unnamed
Trib To:	NF Dakota Cr
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.60
Length (m):	6.00

BARRIER STATUS

Problem:	Slope
Ds Barriers:	0
Us Barriers:	1

HABITAT GAIN

Lineal Gain (m):	407
Spawn Area (m2):	66
Rear Area (m2):	723

PI TOTAL: **12.32**

GENERAL INFORMATION

Site ID:	1285184
Stream:	Unnamed
Trib To:	NF Dakota Cr
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	0.53
Length (m):	6.10

BARRIER STATUS

Problem:	Slope
Ds Barriers:	0
Us Barriers:	0

HABITAT GAIN

Lineal Gain (m):	370
Spawn Area (m2):	569
Rear Area (m2):	707

PI TOTAL: **12.32**

GENERAL INFORMATION

Site ID:	1285184
Stream:	Unnamed
Trib To:	NF Dakota Cr
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	0.46
Length (m):	6.10

BARRIER STATUS

Problem:	Slope
Ds Barriers:	0
Us Barriers:	0

HABITAT GAIN

Lineal Gain (m):	370
Spawn Area (m2):	569
Rear Area (m2):	707

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

Coastal Culvert Barriers:

PI TOTAL: **11.98**

GENERAL INFORMATION

Site ID:	981830
Stream:	Unnamed
Trib To:	Terrell Cr
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.76
Length (m):	23.15

BARRIER STATUS

Problem:	slope
Ds Barriers:	4
Us Barriers:	1

HABITAT GAIN

Lineal Gain (m):	664
Spawn Area (m2):	0
Rear Area (m2):	3,370

PI TOTAL: **11.77**

GENERAL INFORMATION

Site ID:	1285170
Stream:	Unnamed
Trib To:	NF Dakota Cr
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.46
Length (m):	4.47

BARRIER STATUS

Problem:	Gradient.
Ds Barriers:	0
Us Barriers:	0

HABITAT GAIN

Lineal Gain (m):	419
Spawn Area (m2):	203
Rear Area (m2):	211

PI TOTAL: **11.39**

GENERAL INFORMATION

Site ID:	370543
Stream:	Unnamed
Trib To:	Dakota Cr
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.76
Length (m):	37.49

BARRIER STATUS

Problem:	Slope
Ds Barriers:	5
Us Barriers:	0

HABITAT GAIN

Lineal Gain (m):	330
Spawn Area (m2):	97
Rear Area (m2):	109

PI TOTAL: **11.23**

GENERAL INFORMATION

Site ID:	1285181
Stream:	Unnamed
Trib To:	NF Dakota Cr
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	0.92
Length (m):	18.40

BARRIER STATUS

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

HABITAT GAIN

Lineal Gain (m):	682
Spawn Area (m2):	0
Rear Area (m2):	1,370

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

Coastal Culvert Barriers:

PI TOTAL: **11.16**

GENERAL INFORMATION

Site ID:	1285074
Stream:	Unnamed
Trib To:	Jordan Cr
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	1.05
Length (m):	7.40

BARRIER STATUS

Problem:	slope
Ds Barriers:	4
Us Barriers:	3

HABITAT GAIN

Lineal Gain (m):	1,345
Spawn Area (m2):	28
Rear Area (m2):	539

PI TOTAL: **11.09**

GENERAL INFORMATION

Site ID:	370223
Stream:	Unnamed
Trib To:	Jordan Cr
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.91
Length (m):	11.28

BARRIER STATUS

Problem:	Slope
Ds Barriers:	3
Us Barriers:	0

HABITAT GAIN

Lineal Gain (m):	2,306
Spawn Area (m2):	0
Rear Area (m2):	1,941

PI TOTAL: **11.07**

GENERAL INFORMATION

Site ID:	370187
Stream:	Unnamed
Trib To:	Jordan Cr
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.76
Length (m):	10.97

BARRIER STATUS

Problem:	Slope
Ds Barriers:	5
Us Barriers:	2

HABITAT GAIN

Lineal Gain (m):	1,371
Spawn Area (m2):	26
Rear Area (m2):	531

PI TOTAL: **11.00**

GENERAL INFORMATION

Site ID:	1280157
Stream:	Unnamed
Trib To:	California Cr
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.34
Length (m):	7.79

BARRIER STATUS

Problem:	Slope
Ds Barriers:	0
Us Barriers:	0

HABITAT GAIN

Lineal Gain (m):	779
Spawn Area (m2):	0
Rear Area (m2):	1,878

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

Coastal Culvert Barriers:

PI TOTAL: **10.97**

GENERAL INFORMATION

Site ID:	1285075
Stream:	Unnamed
Trib To:	Jordan Cr
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	1.05
Length (m):	7.30

BARRIER STATUS

Problem:	slope
Ds Barriers:	3
Us Barriers:	4

HABITAT GAIN

Lineal Gain (m):	1,390
Spawn Area (m2):	31
Rear Area (m2):	552

PI TOTAL: **10.69**

GENERAL INFORMATION

Site ID:	370178
Stream:	Unnamed
Trib To:	SF Dakota Cr
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	CAL
Span (m):	1.07
Length (m):	21.64

BARRIER STATUS

Problem:	Slope
Ds Barriers:	0
Us Barriers:	1

HABITAT GAIN

Lineal Gain (m):	1,436
Spawn Area (m2):	0
Rear Area (m2):	1,678

PI TOTAL: **10.64**

GENERAL INFORMATION

Site ID:	996008
Stream:	Unnamed
Trib To:	California Cr
Owner:	State

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.61
Length (m):	26.09

BARRIER STATUS

Problem:	Slope
Ds Barriers:	0
Us Barriers:	2

HABITAT GAIN

Lineal Gain (m):	1,574
Spawn Area (m2):	345
Rear Area (m2):	471

PI TOTAL: **10.55**

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GENERAL INFORMATION

Site ID:	370256
Stream:	Unnamed
Trib To:	NF Dakota Cr
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.61
Length (m):	17.68

BARRIER STATUS

Problem:	Velocity
Ds Barriers:	1
Us Barriers:	0

HABITAT GAIN

Lineal Gain (m):	760
Spawn Area (m2):	93
Rear Area (m2):	208

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

Coastal Culvert Barriers:

PI TOTAL: **10.29**

GENERAL INFORMATION

Site ID:	370188
Stream:	Unnamed
Trib To:	Jordan Cr
Owner:	County

BARRIER STATUS

Problem:	Depth
Ds Barriers:	2
Us Barriers:	0

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	1.07
Length (m):	14.63

HABITAT GAIN

Lineal Gain (m):	725
Spawn Area (m2):	297
Rear Area (m2):	255

PI TOTAL: **10.22**

GENERAL INFORMATION

Site ID:	1280281
Stream:	Unnamed
Trib To:	Hunziker Ponds
Owner:	Private

BARRIER STATUS

Problem:	slope
Ds Barriers:	2
Us Barriers:	2

CULVERT ATTRIBUTES

Shape:	RND
Material:	PVC
Span (m):	0.45
Length (m):	6.10

HABITAT GAIN

Lineal Gain (m):	1,021
Spawn Area (m2):	0
Rear Area (m2):	1,396

PI TOTAL: **10.22**

GENERAL INFORMATION

Site ID:	1280282
Stream:	Unnamed
Trib To:	Hunziker Ponds
Owner:	Private

BARRIER STATUS

Problem:	Slope
Ds Barriers:	3
Us Barriers:	1

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	0.45
Length (m):	9.20

HABITAT GAIN

Lineal Gain (m):	1,001
Spawn Area (m2):	0
Rear Area (m2):	1,396

PI TOTAL: **10.22**

GENERAL INFORMATION

Site ID:	1280282
Stream:	Unnamed
Trib To:	Hunziker Ponds
Owner:	Private

BARRIER STATUS

Problem:	slope
Ds Barriers:	3
Us Barriers:	1

CULVERT ATTRIBUTES

Shape:	RND
Material:	PVC
Span (m):	0.30
Length (m):	7.90

HABITAT GAIN

Lineal Gain (m):	1,001
Spawn Area (m2):	0
Rear Area (m2):	1,396

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

Coastal Culvert Barriers:

PI TOTAL: **10.22**

GENERAL INFORMATION

Site ID:	1280281
Stream:	Unnamed
Trib To:	Hunziker Ponds
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	PVC
Span (m):	0.45
Length (m):	5.83

BARRIER STATUS

Problem:	Slope
Ds Barriers:	2
Us Barriers:	2

HABITAT GAIN

Lineal Gain (m):	1,021
Spawn Area (m2):	0
Rear Area (m2):	1,396

PI TOTAL: **10.19**

GENERAL INFORMATION

Site ID:	370368
Stream:	Unnamed
Trib To:	Haynie Cr
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	1.20
Length (m):	18.70

BARRIER STATUS

Problem:	Depth
Ds Barriers:	0
Us Barriers:	0

HABITAT GAIN

Lineal Gain (m):	762
Spawn Area (m2):	0
Rear Area (m2):	2,796

PI TOTAL: **10.16**

GENERAL INFORMATION

Site ID:	1280277
Stream:	Hunziker Ponds
Trib To:	Haynie Cr
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	0.60
Length (m):	5.90

BARRIER STATUS

Problem:	Outfall drop
Ds Barriers:	2
Us Barriers:	2

HABITAT GAIN

Lineal Gain (m):	218
Spawn Area (m2):	0
Rear Area (m2):	915

PI TOTAL: **10.05**

GENERAL INFORMATION

Site ID:	1280278
Stream:	Hunziker Ponds
Trib To:	Haynie Cr
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	0.50
Length (m):	11.00

BARRIER STATUS

Problem:	Water fall
Ds Barriers:	3
Us Barriers:	1

HABITAT GAIN

Lineal Gain (m):	165
Spawn Area (m2):	0
Rear Area (m2):	874

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

Coastal Culvert Barriers:

PI TOTAL: **9.93**

GENERAL INFORMATION

Site ID:	1280284
Stream:	Unnamed
Trib To:	Hunziker Ponds
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	PVC
Span (m):	0.29
Length (m):	6.10

BARRIER STATUS

Problem:	Slope
Ds Barriers:	4
Us Barriers:	0

HABITAT GAIN

Lineal Gain (m):	536
Spawn Area (m2):	0
Rear Area (m2):	1,243

PI TOTAL: **9.75**

GENERAL INFORMATION

Site ID:	370542
Stream:	Unnamed
Trib To:	Dakota Cr
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.91
Length (m):	51.82

BARRIER STATUS

Problem:	structural failure
Ds Barriers:	0
Us Barriers:	2

HABITAT GAIN

Lineal Gain (m):	599
Spawn Area (m2):	6
Rear Area (m2):	434

PI TOTAL: **9.69**

GENERAL INFORMATION

Site ID:	1280144
Stream:	Unnamed
Trib To:	Jordan Cr
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	0.90
Length (m):	11.81

BARRIER STATUS

Problem:	Velocity
Ds Barriers:	1
Us Barriers:	2

HABITAT GAIN

Lineal Gain (m):	2,768
Spawn Area (m2):	0
Rear Area (m2):	2,298

PI TOTAL: **9.66**

No Image Available

GENERAL INFORMATION

Site ID:	370629
Stream:	Unnamed
Trib To:	Jordan Cr
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	PVC
Span (m):	0.64
Length (m):	12.50

BARRIER STATUS

Problem:	Velocity and depth
Ds Barriers:	2
Us Barriers:	1

HABITAT GAIN

Lineal Gain (m):	2,758
Spawn Area (m2):	0
Rear Area (m2):	2,272

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

Coastal Culvert Barriers:

PI TOTAL: **9.66**

No Image Available

GENERAL INFORMATION

Site ID:	370629
Stream:	Unnamed
Trib To:	Jordan Cr
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	PVC
Span (m):	0.64
Length (m):	12.50

BARRIER STATUS

Problem:	Velocity
Ds Barriers:	2
Us Barriers:	1

HABITAT GAIN

Lineal Gain (m):	2,758
Spawn Area (m2):	0
Rear Area (m2):	2,272

PI TOTAL: **9.52**

GENERAL INFORMATION

Site ID:	1280143
Stream:	Unnamed
Trib To:	Jordan Cr
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.64
Length (m):	7.30

BARRIER STATUS

Problem:	Slope
Ds Barriers:	6
Us Barriers:	1

HABITAT GAIN

Lineal Gain (m):	981
Spawn Area (m2):	4
Rear Area (m2):	430

PI TOTAL: **9.52**

GENERAL INFORMATION

Site ID:	1280143
Stream:	Unnamed
Trib To:	Jordan Cr
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	0.45
Length (m):	7.30

BARRIER STATUS

Problem:	Slope
Ds Barriers:	6
Us Barriers:	1

HABITAT GAIN

Lineal Gain (m):	981
Spawn Area (m2):	4
Rear Area (m2):	430

PI TOTAL: **9.52**

GENERAL INFORMATION

Site ID:	1280143
Stream:	Unnamed
Trib To:	Jordan Cr
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.47
Length (m):	7.30

BARRIER STATUS

Problem:	Slope
Ds Barriers:	6
Us Barriers:	1

HABITAT GAIN

Lineal Gain (m):	981
Spawn Area (m2):	4
Rear Area (m2):	430

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

Coastal Culvert Barriers:

PI TOTAL: **9.21**

GENERAL INFORMATION

Site ID:	1285164
Stream:	Unnamed
Trib To:	NF Dakota Cr
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.91
Length (m):	6.50

BARRIER STATUS

Problem:	Outfall drop and slo
Ds Barriers:	0
Us Barriers:	0

HABITAT GAIN

Lineal Gain (m):	112
Spawn Area (m2):	30
Rear Area (m2):	91

PI TOTAL: **9.20**

GENERAL INFORMATION

Site ID:	1285171
Stream:	Unnamed
Trib To:	NF Dakota Cr
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	0.61
Length (m):	6.10

BARRIER STATUS

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

HABITAT GAIN

Lineal Gain (m):	233
Spawn Area (m2):	0
Rear Area (m2):	616

PI TOTAL: **9.13**

GENERAL INFORMATION

Site ID:	370338
Stream:	Unnamed
Trib To:	Lummi R
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.61
Length (m):	12.50

BARRIER STATUS

Problem:	slope
Ds Barriers:	0
Us Barriers:	0

HABITAT GAIN

Lineal Gain (m):	2,185
Spawn Area (m2):	0
Rear Area (m2):	991

PI TOTAL: **8.94**

GENERAL INFORMATION

Site ID:	370564
Stream:	Unnamed
Trib To:	Haynie Cr
Owner:	County

CULVERT ATTRIBUTES

Shape:	BOX
Material:	PCC
Span (m):	0.91
Length (m):	23.16

BARRIER STATUS

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

HABITAT GAIN

Lineal Gain (m):	284
Spawn Area (m2):	0
Rear Area (m2):	547

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

Coastal Culvert Barriers:

PI TOTAL: **8.89**

GENERAL INFORMATION

Site ID:	981820
Stream:	Terrell Cr
Trib To:	Birch Bay
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.91
Length (m):	11.15

BARRIER STATUS

Problem:	Slope/Velocity/Dept
Ds Barriers:	8
Us Barriers:	0

HABITAT GAIN

Lineal Gain (m):	365
Spawn Area (m2):	0
Rear Area (m2):	501

PI TOTAL: **8.84**

GENERAL INFORMATION

Site ID:	1285205
Stream:	Springg Cr
Trib To:	NF Dakota Cr
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.61
Length (m):	6.70

BARRIER STATUS

Problem:	Slope
Ds Barriers:	0
Us Barriers:	0

HABITAT GAIN

Lineal Gain (m):	789
Spawn Area (m2):	17
Rear Area (m2):	177

PI TOTAL: **8.84**

GENERAL INFORMATION

Site ID:	1285205
Stream:	Springg Cr
Trib To:	NF Dakota Cr
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.76
Length (m):	7.30

BARRIER STATUS

Problem:	Slope
Ds Barriers:	0
Us Barriers:	0

HABITAT GAIN

Lineal Gain (m):	789
Spawn Area (m2):	17
Rear Area (m2):	177

PI TOTAL: **8.77**

GENERAL INFORMATION

Site ID:	370348
Stream:	Unnamed
Trib To:	Dakota Cr
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.30
Length (m):	11.28

BARRIER STATUS

Problem:	
Ds Barriers:	1
Us Barriers:	0

HABITAT GAIN

Lineal Gain (m):	40
Spawn Area (m2):	0
Rear Area (m2):	756

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

Coastal Culvert Barriers:

PI TOTAL: **8.53**

No Image Available

GENERAL INFORMATION

Site ID:	370639
Stream:	Unnamed
Trib To:	Dakota Cr
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.45
Length (m):	12.80

BARRIER STATUS

Problem:	Slope
Ds Barriers:	0
Us Barriers:	0

HABITAT GAIN

Lineal Gain (m):	195
Spawn Area (m2):	16
Rear Area (m2):	147

PI TOTAL: **8.32**

GENERAL INFORMATION

Site ID:	370579
Stream:	Unnamed
Trib To:	California Cr
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	CAL
Span (m):	1.22
Length (m):	18.59

BARRIER STATUS

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

HABITAT GAIN

Lineal Gain (m):	2,107
Spawn Area (m2):	0
Rear Area (m2):	412

PI TOTAL: **8.30**

GENERAL INFORMATION

Site ID:	370349
Stream:	Unnamed
Trib To:	SF Dakota Cr
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	1.07
Length (m):	12.80

BARRIER STATUS

Problem:	Depth
Ds Barriers:	1
Us Barriers:	0

HABITAT GAIN

Lineal Gain (m):	1,052
Spawn Area (m2):	0
Rear Area (m2):	1,238

PI TOTAL: **8.24**

GENERAL INFORMATION

Site ID:	981818
Stream:	Terrell Cr
Trib To:	Birch Bay
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	0.91
Length (m):	5.13

BARRIER STATUS

Problem:	Slope
Ds Barriers:	6
Us Barriers:	2

HABITAT GAIN

Lineal Gain (m):	1,038
Spawn Area (m2):	0
Rear Area (m2):	501

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

Coastal Culvert Barriers:

PI TOTAL: **8.24**

GENERAL INFORMATION

Site ID:	981818
Stream:	Terrell Cr
Trib To:	Birch Bay
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	0.91
Length (m):	5.37

BARRIER STATUS

Problem:	Slope
Ds Barriers:	6
Us Barriers:	2

HABITAT GAIN

Lineal Gain (m):	1,038
Spawn Area (m2):	0
Rear Area (m2):	501

PI TOTAL: **8.24**

GENERAL INFORMATION

Site ID:	981819
Stream:	Terrell Cr
Trib To:	Birch Bay
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	1.07
Length (m):	6.43

BARRIER STATUS

Problem:	Slope
Ds Barriers:	7
Us Barriers:	1

HABITAT GAIN

Lineal Gain (m):	438
Spawn Area (m2):	0
Rear Area (m2):	501

PI TOTAL: **7.61**

GENERAL INFORMATION

Site ID:	370580
Stream:	Unnamed
Trib To:	California Cr
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	CAL
Span (m):	0.91
Length (m):	32.92

BARRIER STATUS

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

HABITAT GAIN

Lineal Gain (m):	778
Spawn Area (m2):	82
Rear Area (m2):	288

PI TOTAL: **7.58**

GENERAL INFORMATION

Site ID:	370518
Stream:	Unnamed
Trib To:	Dakota Cr
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.91
Length (m):	32.00

BARRIER STATUS

Problem:	90 deg bend
Ds Barriers:	0
Us Barriers:	1

HABITAT GAIN

Lineal Gain (m):	550
Spawn Area (m2):	0
Rear Area (m2):	422

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

Coastal Culvert Barriers:

PI TOTAL: **7.45**

GENERAL INFORMATION

Site ID:	981809
Stream:	Terrell Cr
Trib To:	Birch Bay
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	1.52
Length (m):	15.05

BARRIER STATUS

Problem:	Depth
Ds Barriers:	5
Us Barriers:	3

HABITAT GAIN

Lineal Gain (m):	3,239
Spawn Area (m2):	0
Rear Area (m2):	501

PI TOTAL: **7.45**

GENERAL INFORMATION

Site ID:	981809
Stream:	Terrell Cr
Trib To:	Birch Bay
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.61
Length (m):	16.44

BARRIER STATUS

Problem:	Velocity
Ds Barriers:	5
Us Barriers:	3

HABITAT GAIN

Lineal Gain (m):	3,239
Spawn Area (m2):	0
Rear Area (m2):	501

PI TOTAL: **7.04**

GENERAL INFORMATION

Site ID:	1280285
Stream:	Unnamed
Trib To:	Dakota Cr
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	0.65
Length (m):	14.20

BARRIER STATUS

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

HABITAT GAIN

Lineal Gain (m):	353
Spawn Area (m2):	0
Rear Area (m2):	315

PI TOTAL: **6.99**

GENERAL INFORMATION

Site ID:	370523
Stream:	Unnamed
Trib To:	NF Dakota Cr
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.46
Length (m):	11.58

BARRIER STATUS

Problem:	Depth
Ds Barriers:	2
Us Barriers:	0

HABITAT GAIN

Lineal Gain (m):	334
Spawn Area (m2):	0
Rear Area (m2):	411

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

Coastal Culvert Barriers:

PI TOTAL: **6.88**

GENERAL INFORMATION

Site ID:	1280313
Stream:	Unnamed
Trib To:	NF Dakota Cr
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	0.90
Length (m):	7.00

BARRIER STATUS

Problem:	Slope
Ds Barriers:	0
Us Barriers:	0

HABITAT GAIN

Lineal Gain (m):	250
Spawn Area (m2):	8
Rear Area (m2):	73

PI TOTAL: **6.85**

GENERAL INFORMATION

Site ID:	370522
Stream:	Unnamed
Trib To:	NF Dakota Cr
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.46
Length (m):	10.97

BARRIER STATUS

Problem:	Slope and depth
Ds Barriers:	2
Us Barriers:	0

HABITAT GAIN

Lineal Gain (m):	206
Spawn Area (m2):	0
Rear Area (m2):	189

PI TOTAL: **6.85**

GENERAL INFORMATION

Site ID:	981794
Stream:	Unnamed
Trib To:	Terrell Cr
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	0.46
Length (m):	5.76

BARRIER STATUS

Problem:	Slope/Depth
Ds Barriers:	2
Us Barriers:	0

HABITAT GAIN

Lineal Gain (m):	179
Spawn Area (m2):	0
Rear Area (m2):	176

PI TOTAL: **6.85**

GENERAL INFORMATION

Site ID:	981794
Stream:	Unnamed
Trib To:	Terrell Cr
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.61
Length (m):	7.31

BARRIER STATUS

Problem:	Slope/Depth
Ds Barriers:	2
Us Barriers:	0

HABITAT GAIN

Lineal Gain (m):	179
Spawn Area (m2):	0
Rear Area (m2):	176

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

Coastal Culvert Barriers:

PI TOTAL: **6.36**

GENERAL INFORMATION

Site ID:	1280272
Stream:	Unnamed
Trib To:	Dakota Cr
Owner:	Private

BARRIER STATUS

Problem:	Slope
Ds Barriers:	1
Us Barriers:	1

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.20
Length (m):	26.20

HABITAT GAIN

Lineal Gain (m):	148
Spawn Area (m2):	6
Rear Area (m2):	41

PI TOTAL: **6.30**

No Image Available

GENERAL INFORMATION

Site ID:	370634
Stream:	Unnamed
Trib To:	Jordan Cr
Owner:	County

BARRIER STATUS

Problem:	slope
Ds Barriers:	7
Us Barriers:	0

CULVERT ATTRIBUTES

Shape:	RND
Material:	PVC
Span (m):	0.90
Length (m):	18.10

HABITAT GAIN

Lineal Gain (m):	516
Spawn Area (m2):	0
Rear Area (m2):	203

PI TOTAL: **6.21**

GENERAL INFORMATION

Site ID:	1280268
Stream:	Unnamed
Trib To:	Dakota Cr
Owner:	City

BARRIER STATUS

Problem:	Slope
Ds Barriers:	4
Us Barriers:	0

CULVERT ATTRIBUTES

Shape:	RND
Material:	PVC
Span (m):	0.25
Length (m):	38.50

HABITAT GAIN

Lineal Gain (m):	50
Spawn Area (m2):	19
Rear Area (m2):	17

PI TOTAL: **6.14**

GENERAL INFORMATION

Site ID:	1280286
Stream:	Unnamed
Trib To:	Dakota Cr
Owner:	Private

BARRIER STATUS

Problem:	Slope
Ds Barriers:	1
Us Barriers:	0

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	0.90
Length (m):	10.60

HABITAT GAIN

Lineal Gain (m):	198
Spawn Area (m2):	0
Rear Area (m2):	182

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

Coastal Culvert Barriers:

PI TOTAL: **6.09**

GENERAL INFORMATION

Site ID:	1280279
Stream:	Hunziker Ponds
Trib To:	Haynie Cr
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	0.42
Length (m):	10.70

BARRIER STATUS

Problem:	Outfall drop
Ds Barriers:	4
Us Barriers:	0

HABITAT GAIN

Lineal Gain (m):	115
Spawn Area (m2):	0
Rear Area (m2):	118

PI TOTAL: **5.95**

GENERAL INFORMATION

Site ID:	1280162
Stream:	Unnamed
Trib To:	California Cr
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	OTH
Span (m):	0.85
Length (m):	23.50

BARRIER STATUS

Problem:	Slope
Ds Barriers:	1
Us Barriers:	0

HABITAT GAIN

Lineal Gain (m):	641
Spawn Area (m2):	0
Rear Area (m2):	162

PI TOTAL: **5.56**

No Image Available

GENERAL INFORMATION

Site ID:	1280275
Stream:	Unnamed
Trib To:	Dakota Cr
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	0.65
Length (m):	10.80

BARRIER STATUS

Problem:	Outfall drop
Ds Barriers:	3
Us Barriers:	0

HABITAT GAIN

Lineal Gain (m):	251
Spawn Area (m2):	0
Rear Area (m2):	81

PI TOTAL: **5.41**

GENERAL INFORMATION

Site ID:	996870
Stream:	Unnamed
Trib To:	California Cr
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	0.91
Length (m):	5.50

BARRIER STATUS

Problem:	Slope;Outfall
Ds Barriers:	1
Us Barriers:	1

HABITAT GAIN

Lineal Gain (m):	720
Spawn Area (m2):	258
Rear Area (m2):	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

Coastal Culvert Barriers:

PI TOTAL: **4.35**

GENERAL INFORMATION

Site ID:	370277
Stream:	Unnamed
Trib To:	Dakota Cr
Owner:	County

BARRIER STATUS

Problem:	Depth
Ds Barriers:	2
Us Barriers:	1

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.91
Length (m):	34.14

HABITAT GAIN

Lineal Gain (m):	276
Spawn Area (m2):	0
Rear Area (m2):	93

PI TOTAL: **3.84**

GENERAL INFORMATION

Site ID:	370237
Stream:	Unnamed
Trib To:	California Cr
Owner:	County

BARRIER STATUS

Problem:	Depth
Ds Barriers:	1
Us Barriers:	0

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.61
Length (m):	15.85

HABITAT GAIN

Lineal Gain (m):	356
Spawn Area (m2):	0
Rear Area (m2):	57

PI TOTAL: **3.69**

GENERAL INFORMATION

Site ID:	1280271
Stream:	Unnamed
Trib To:	Dakota Cr
Owner:	Private

BARRIER STATUS

Problem:	Slope
Ds Barriers:	2
Us Barriers:	0

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	0.50
Length (m):	24.50

HABITAT GAIN

Lineal Gain (m):	70
Spawn Area (m2):	0
Rear Area (m2):	24

PI TOTAL: **0.00**

No Image Available

GENERAL INFORMATION

Site ID:	1280274
Stream:	Unnamed
Trib To:	Dakota Cr
Owner:	Private

BARRIER STATUS

Problem:	Slope
Ds Barriers:	
Us Barriers:	

CULVERT ATTRIBUTES

Shape:	RND
Material:	PVC
Span (m):	0.40
Length (m):	17.80

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

Coastal Culvert Barriers:

PI TOTAL:

GENERAL INFORMATION

Site ID:	01.0116 4.70
Stream:	Schell Cr
Trib To:	Lummi R
Owner:	City

BARRIER STATUS

Problem:	Screen
Ds Barriers:	4
Us Barriers:	0

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	0.90
Length (m):	24.00

HABITAT GAIN

Lineal Gain (m):	283
Spawn Area (m2):	127
Rear Area (m2):	199

PI TOTAL:

No Image Available

GENERAL INFORMATION

Site ID:	1280044
Stream:	Unnamed
Trib To:	Lummi Bay
Owner:	Tribal

BARRIER STATUS

Problem:	Tide gate
Ds Barriers:	
Us Barriers:	

CULVERT ATTRIBUTES

Shape:	BOX
Material:	PCC
Span (m):	1.20
Length (m):	19.66

HABITAT GAIN

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

PI TOTAL:

No Image Available

GENERAL INFORMATION

Site ID:	1280044
Stream:	Unnamed
Trib To:	Lummi Bay
Owner:	Tribal

BARRIER STATUS

Problem:	Tide gate
Ds Barriers:	
Us Barriers:	

CULVERT ATTRIBUTES

Shape:	BOX
Material:	PCC
Span (m):	1.20
Length (m):	19.66

HABITAT GAIN

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

PI TOTAL:

No Image Available

GENERAL INFORMATION

Site ID:	1280044
Stream:	Unnamed
Trib To:	Lummi Bay
Owner:	Tribal

BARRIER STATUS

Problem:	Tide Gate
Ds Barriers:	
Us Barriers:	

CULVERT ATTRIBUTES

Shape:	BOX
Material:	PCC
Span (m):	1.20
Length (m):	19.66

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

Coastal Culvert Barriers:

PI TOTAL:

No Image Available

GENERAL INFORMATION

Site ID:	1280044
Stream:	Unnamed
Trib To:	Lummi Bay
Owner:	Tribal

CULVERT ATTRIBUTES

Shape:	BOX
Material:	PCC
Span (m):	1.20
Length (m):	19.66

BARRIER STATUS

Problem:	Tide gate
Ds Barriers:	
Us Barriers:	

HABITAT GAIN

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

PI TOTAL:

No Image Available

GENERAL INFORMATION

Site ID:	1280044
Stream:	Unnamed
Trib To:	Lummi Bay
Owner:	Tribal

CULVERT ATTRIBUTES

Shape:	BOX
Material:	PCC
Span (m):	1.20
Length (m):	19.69

BARRIER STATUS

Problem:	Tide Gate
Ds Barriers:	
Us Barriers:	

HABITAT GAIN

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

PI TOTAL:

No Image Available

GENERAL INFORMATION

Site ID:	370172
Stream:	Unnamed
Trib To:	California Cr
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	1.22
Length (m):	11.89

BARRIER STATUS

Problem:	Velocity
Ds Barriers:	
Us Barriers:	

HABITAT GAIN

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

PI TOTAL:

No Image Available

GENERAL INFORMATION

Site ID:	370180
Stream:	Unnamed
Trib To:	NF Dakota Cr
Owner:	County

CULVERT ATTRIBUTES

Shape:	BOX
Material:	PCC
Span (m):	0.91
Length (m):	12.50

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

Coastal Culvert Barriers:

PI TOTAL:

No Image Available

GENERAL INFORMATION

Site ID:	1280114
Stream:	Schell Cr
Trib To:	Lummi R
Owner:	City

CULVERT ATTRIBUTES

Shape:	SQSH
Material:	CST
Span (m):	2.20
Length (m):	9.44

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:	1280119
Stream:	Schell Cr
Trib To:	Lummi R
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	1.20
Length (m):	5.95

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:	1280119
Stream:	Schell Cr
Trib To:	Lummi R
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	1.20
Length (m):	5.95

BARRIER STATUS

Problem:	
Ds Barriers:	
Us Barriers:	

HABITAT GAIN

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

PI TOTAL:

GENERAL INFORMATION

Site ID:	1280137
Stream:	Jordan Cr
Trib To:	Lummi R
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	0.95
Length (m):	5.86

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

Coastal Culvert Barriers:

PI TOTAL:

No Image Available

GENERAL INFORMATION

Site ID:	370222
Stream:	Jordan Cr
Trib To:	Lummi R
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	3.05
Length (m):	30.78

BARRIER STATUS

Problem:	
Ds Barriers:	
Us Barriers:	

HABITAT GAIN

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

PI TOTAL:

GENERAL INFORMATION

Site ID:	370190
Stream:	Unnamed
Trib To:	Drayton Harbor
Owner:	County

CULVERT ATTRIBUTES

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

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:	981816
Stream:	Terrell Cr
Trib To:	Birch Bay
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	0.91
Length (m):	6.03

BARRIER STATUS

Problem:	
Ds Barriers:	
Us Barriers:	

HABITAT GAIN

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

PI TOTAL:

GENERAL INFORMATION

Site ID:	370145
Stream:	Unnamed
Trib To:	California Cr
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.76
Length (m):	

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

Coastal Culvert Barriers:

PI TOTAL:

No Image Available

GENERAL INFORMATION

Site ID:	370633
Stream:	Unnamed
Trib To:	Jordan Cr
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.80
Length (m):	12.80

BARRIER STATUS

Problem:	velocity, 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:	370635
Stream:	Unnamed
Trib To:	Jordan Cr
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	1.00
Length (m):	25.90

BARRIER STATUS

Problem:	Depth
Ds Barriers:	
Us Barriers:	

HABITAT GAIN

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

PI TOTAL:

No Image Available

GENERAL INFORMATION

Site ID:	370636
Stream:	Schell Cr
Trib To:	Lummi R
Owner:	City

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	1.10
Length (m):	17.71

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:	370636
Stream:	Schell Cr
Trib To:	Lummi R
Owner:	City

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.60
Length (m):	18.79

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

Coastal Culvert Barriers:

PI TOTAL:

No Image Available

GENERAL INFORMATION

Site ID:	370642
Stream:	Unnamed
Trib To:	NF Dakota Cr
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.91
Length (m):	12.60

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:	981790
Stream:	Terrell Cr
Trib To:	Birch Bay
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	1.52
Length (m):	25.11

BARRIER STATUS

Problem:	
Ds Barriers:	
Us Barriers:	

HABITAT GAIN

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

PI TOTAL:

GENERAL INFORMATION

Site ID:	981791
Stream:	Terrell Cr
Trib To:	Birch Bay
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	1.83
Length (m):	17.99

BARRIER STATUS

Problem:	None
Ds Barriers:	
Us Barriers:	

HABITAT GAIN

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

PI TOTAL:

No Image Available

GENERAL INFORMATION

Site ID:	981808
Stream:	Terrell Cr
Trib To:	Birch Bay
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	1.68
Length (m):	6.18

BARRIER STATUS

Problem:	None
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

Coastal Culvert Barriers:

PI TOTAL:

No Image Available

GENERAL INFORMATION

Site ID:	370627
Stream:	Unnamed
Trib To:	Terrell Cr
Owner:	County

BARRIER STATUS

Problem:	Tidegate
Ds Barriers:	
Us Barriers:	

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	1.50
Length (m):	81.40

HABITAT GAIN

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

PI TOTAL:

No Image Available

GENERAL INFORMATION

Site ID:	981816
Stream:	Terrell Cr
Trib To:	Birch Bay
Owner:	Private

BARRIER STATUS

Problem:	
Ds Barriers:	
Us Barriers:	

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	0.91
Length (m):	6.17

HABITAT GAIN

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

PI TOTAL:

No Image Available

GENERAL INFORMATION

Site ID:	370612
Stream:	Unnamed
Trib To:	California Cr
Owner:	County

BARRIER STATUS

Problem:	catch basin
Ds Barriers:	
Us Barriers:	

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	1.52
Length (m):	21.34

HABITAT GAIN

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

PI TOTAL:

GENERAL INFORMATION

Site ID:	981817
Stream:	Terrell Cr
Trib To:	Birch Bay
Owner:	Private

BARRIER STATUS

Problem:	None
Ds Barriers:	
Us Barriers:	

CULVERT ATTRIBUTES

Shape:	SQSH
Material:	CST
Span (m):	2.10
Length (m):	9.33

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

Coastal Culvert Barriers:

PI TOTAL:

No Image Available

GENERAL INFORMATION

Site ID:	995727
Stream:	Unnamed
Trib To:	Cain Cr
Owner:	State

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.76
Length (m):	46.23

BARRIER STATUS

Problem:	Slope
Ds Barriers:	
Us Barriers:	1

HABITAT GAIN

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

PI TOTAL:

GENERAL INFORMATION

Site ID:	996003
Stream:	California Cr
Trib To:	Drayton Harbor
Owner:	State

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.91
Length (m):	45.71

BARRIER STATUS

Problem:	
Ds Barriers:	0
Us Barriers:	0

HABITAT GAIN

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

PI TOTAL:

GENERAL INFORMATION

Site ID:	996007
Stream:	Unnamed
Trib To:	California Cr
Owner:	State

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.61
Length (m):	23.41

BARRIER STATUS

Problem:	Slope
Ds Barriers:	0
Us Barriers:	0

HABITAT GAIN

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

PI TOTAL:

GENERAL INFORMATION

Site ID:	996056
Stream:	Unnamed
Trib To:	Drayton Harbor
Owner:	Private

CULVERT ATTRIBUTES

Shape:	OTH
Material:	OTH
Span (m):	1.04
Length (m):	6.04

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

Coastal Culvert Barriers:

PI TOTAL:

GENERAL INFORMATION

Site ID:	996142
Stream:	Unnamed
Trib To:	Fingleson Cr
Owner:	State

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.61
Length (m):	22.24

BARRIER STATUS

Problem:	Outfall;Slope
Ds Barriers:	0
Us Barriers:	0

HABITAT GAIN

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

PI TOTAL:

GENERAL INFORMATION

Site ID:	996153
Stream:	Unnamed
Trib To:	California Cr
Owner:	State

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.61
Length (m):	17.73

BARRIER STATUS

Problem:	Slope
Ds Barriers:	0
Us Barriers:	0

HABITAT GAIN

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

PI TOTAL:

GENERAL INFORMATION

Site ID:	996153
Stream:	Unnamed
Trib To:	California Cr
Owner:	State

CULVERT ATTRIBUTES

Shape:	RND
Material:	SST
Span (m):	0.91
Length (m):	18.02

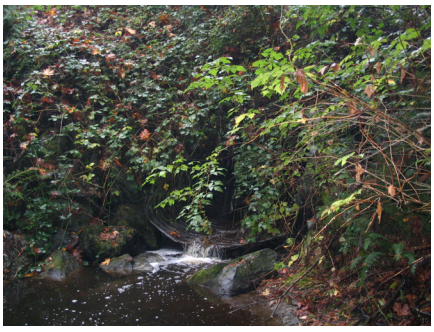
BARRIER STATUS

Problem:	Slope
Ds Barriers:	0
Us Barriers:	0

HABITAT GAIN

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

PI TOTAL:



GENERAL INFORMATION

Site ID:	370699
Stream:	Jordan Cr
Trib To:	Lummi R
Owner:	County

CULVERT ATTRIBUTES

Shape:	ARCH
Material:	CST
Span (m):	2.96
Length (m):	43.00

BARRIER STATUS

Problem:	Outfall drop and slo
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

Coastal Culvert Barriers:

PI TOTAL:

GENERAL INFORMATION

Site ID:	370701
Stream:	unnamed
Trib To:	Lummi Bay
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.70
Length (m):	11.10

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:	981816
Stream:	Terrell Cr
Trib To:	Birch Bay
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	0.91
Length (m):	5.57

BARRIER STATUS

Problem:	None
Ds Barriers:	
Us Barriers:	

HABITAT GAIN

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

PI TOTAL:

No Image Available

GENERAL INFORMATION

Site ID:	370339
Stream:	Schell Cr
Trib To:	Lummi R
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	1.52
Length (m):	17.37

BARRIER STATUS

Problem:	
Ds Barriers:	
Us Barriers:	

HABITAT GAIN

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

PI TOTAL:

GENERAL INFORMATION

Site ID:	1285198
Stream:	Unnamed
Trib To:	Dakota Cr
Owner:	Private

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	1.00
Length (m):	11.10

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

Coastal Culvert Barriers:

PI TOTAL:

GENERAL INFORMATION

Site ID:	370111
Stream:	Unnamed
Trib To:	Birch Bay
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.61
Length (m):	15.24

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:	370133
Stream:	California Cr
Trib To:	Drayton Harbor
Owner:	County

CULVERT ATTRIBUTES

Shape:	SQSH
Material:	CAL
Span (m):	3.96
Length (m):	30.78

BARRIER STATUS

Problem:	
Ds Barriers:	
Us Barriers:	

HABITAT GAIN

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

PI TOTAL:

GENERAL INFORMATION

Site ID:	370134
Stream:	Unnamed
Trib To:	Birch Bay
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.61
Length (m):	14.33

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:	370144
Stream:	Unnamed
Trib To:	California Cr
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	CAL
Span (m):	0.91
Length (m):	31.39

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

Coastal Culvert Barriers:

PI TOTAL:

No Image Available

GENERAL INFORMATION

Site ID:	01.0104 0.00
Stream:	Lummi R
Trib To:	Lummi Bay
Owner:	Other

CULVERT ATTRIBUTES

Shape:	RND
Material:	CMP
Span (m):	
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:	370162
Stream:	Unnamed
Trib To:	California Cr
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.76
Length (m):	14.33

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:	370697
Stream:	Schell Cr
Trib To:	Lummi R
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	2.40
Length (m):	24.40

BARRIER STATUS

Problem:	
Ds Barriers:	
Us Barriers:	

HABITAT GAIN

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

PI TOTAL:

GENERAL INFORMATION

Site ID:	370272
Stream:	Unnamed
Trib To:	Spooner Cr
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	PVC
Span (m):	0.76
Length (m):	34.14

BARRIER STATUS

Problem:	Outfall drop
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

Coastal Culvert Barriers:

PI TOTAL:

GENERAL INFORMATION

Site ID:	370628
Stream:	Unnamed
Trib To:	Jordan Cr
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	1.22
Length (m):	12.50

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:	370295
Stream:	Lummi R
Trib To:	Lummi Bay
Owner:	County

CULVERT ATTRIBUTES

Shape:	SQSH
Material:	CST
Span (m):	2.74
Length (m):	21.64

BARRIER STATUS

Problem:	
Ds Barriers:	
Us Barriers:	

HABITAT GAIN

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

PI TOTAL:

GENERAL INFORMATION

Site ID:	1285072
Stream:	Jordan Cr
Trib To:	Lummi R
Owner:	Private

CULVERT ATTRIBUTES

Shape:	ARCH
Material:	SST
Span (m):	1.55
Length (m):	4.07

BARRIER STATUS

Problem:	
Ds Barriers:	
Us Barriers:	

HABITAT GAIN

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

PI TOTAL:

GENERAL INFORMATION

Site ID:	370350
Stream:	Unnamed
Trib To:	California Cr
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.61
Length (m):	14.63

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

Coastal Culvert Barriers:

PI TOTAL:

GENERAL INFORMATION

Site ID:	370373
Stream:	Unnamed
Trib To:	Birch Bay
Owner:	County

BARRIER STATUS

Problem:	Slope
Ds Barriers:	
Us Barriers:	

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.91
Length (m):	20.73

HABITAT GAIN

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

PI TOTAL:

No Image Available

GENERAL INFORMATION

Site ID:	370413
Stream:	Jordan Cr
Trib To:	Lummi R
Owner:	County

BARRIER STATUS

Problem:	no downstream con
Ds Barriers:	
Us Barriers:	

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	2.74
Length (m):	11.58

HABITAT GAIN

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

PI TOTAL:

No Image Available

GENERAL INFORMATION

Site ID:	370512
Stream:	Schell Cr
Trib To:	Lummi R
Owner:	County

BARRIER STATUS

Problem:	
Ds Barriers:	
Us Barriers:	

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	1.52
Length (m):	19.20

HABITAT GAIN

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

PI TOTAL:

GENERAL INFORMATION

Site ID:	370524
Stream:	Unnamed
Trib To:	Dakota Cr
Owner:	County

BARRIER STATUS

Problem:	catch basin
Ds Barriers:	
Us Barriers:	

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.61
Length (m):	14.63

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

Coastal Culvert Barriers:

PI TOTAL:

GENERAL INFORMATION

Site ID:	370525
Stream:	Unnamed
Trib To:	Dakota Cr
Owner:	County

BARRIER STATUS

Problem:	catch basin
Ds Barriers:	
Us Barriers:	

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.46
Length (m):	8.23

HABITAT GAIN

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

PI TOTAL:

GENERAL INFORMATION

Site ID:	370561
Stream:	Jordan Cr
Trib To:	Lummi R
Owner:	County

BARRIER STATUS

Problem:	
Ds Barriers:	
Us Barriers:	

CULVERT ATTRIBUTES

Shape:	BOX
Material:	PCC
Span (m):	1.83
Length (m):	12.50

HABITAT GAIN

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

PI TOTAL:

GENERAL INFORMATION

Site ID:	370562
Stream:	Unnamed
Trib To:	California Cr
Owner:	County

BARRIER STATUS

Problem:	Depth
Ds Barriers:	
Us Barriers:	

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	1.22
Length (m):	11.28

HABITAT GAIN

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

PI TOTAL:

GENERAL INFORMATION

Site ID:	370576
Stream:	Unnamed
Trib To:	California Cr
Owner:	County

BARRIER STATUS

Problem:	Slope
Ds Barriers:	
Us Barriers:	

CULVERT ATTRIBUTES

Shape:	RND
Material:	CST
Span (m):	0.76
Length (m):	21.34

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

Coastal Culvert Barriers:

PI TOTAL:

GENERAL INFORMATION

Site ID:	370577
Stream:	Unnamed
Trib To:	California Cr
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.91
Length (m):	22.86

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:	370275
Stream:	Unnamed
Trib To:	Lummi Bay
Owner:	County

CULVERT ATTRIBUTES

Shape:	RND
Material:	PCC
Span (m):	0.91
Length (m):	25.30

BARRIER STATUS

Problem:	Outfall drop
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

Coastal Barrier Dams:

PI TOTAL: **35.14**

GENERAL INFORMATION

Site ID:	01.0089 0.00
Stream:	Terrell Cr
Trib To:	Birch Bay
Owner:	Private

DAM ATTRIBUTES

Dam Name:	
Height (m):	2.3
Span:	Full

BARRIER STATUS

Fish passage (%):	100
Ds Barriers:	2
Us Barriers:	12

HABITAT GAIN

Lineal Gain (m):	15,440
Spawn Area (m2):	4,411
Rear Area (m2):	65,679

PI TOTAL: **30.61**

GENERAL INFORMATION

Site ID:	01.0089 8.70
Stream:	Terrell Cr
Trib To:	Birch Bay
Owner:	State

DAM ATTRIBUTES

Dam Name:	Lk Terrell
Height (m):	2.9
Span:	Full

BARRIER STATUS

Fish passage (%):	0
Ds Barriers:	4
Us Barriers:	10

HABITAT GAIN

Lineal Gain (m):	8,335
Spawn Area (m2):	2,101
Rear Area (m2):	47,244

PI TOTAL: **30.61**

GENERAL INFORMATION

Site ID:	981825
Stream:	Unnamed
Trib To:	Terrell Cr
Owner:	Private

DAM ATTRIBUTES

Dam Name:	
Height (m):	2.3
Span:	Full

BARRIER STATUS

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

HABITAT GAIN

Lineal Gain (m):	2,528
Spawn Area (m2):	355
Rear Area (m2):	18,203

PI TOTAL: **25.85**

GENERAL INFORMATION

Site ID:	981827
Stream:	Unnamed
Trib To:	Terrell Cr
Owner:	Private

DAM ATTRIBUTES

Dam Name:	
Height (m):	3.7
Span:	Full

BARRIER STATUS

Fish passage (%):	0
Ds Barriers:	2
Us Barriers:	3

HABITAT GAIN

Lineal Gain (m):	1,658
Spawn Area (m2):	132
Rear Area (m2):	10,031

Coastal Barrier Dams:

PI TOTAL: **25.16**

GENERAL INFORMATION

Site ID:	981828
Stream:	Unnamed
Trib To:	Terrell Cr
Owner:	Private

DAM ATTRIBUTES

Dam Name:	
Height (m):	2.2
Span:	Full

BARRIER STATUS

Fish passage (%):	0
Ds Barriers:	3
Us Barriers:	2

HABITAT GAIN

Lineal Gain (m):	1,527
Spawn Area (m2):	132
Rear Area (m2):	8,766

PI TOTAL: **23.65**

GENERAL INFORMATION

Site ID:	981798
Stream:	Unnamed
Trib To:	Terrell Cr
Owner:	State

DAM ATTRIBUTES

Dam Name:	
Height (m):	3.97
Span:	Full

BARRIER STATUS

Fish passage (%):	0
Ds Barriers:	5
Us Barriers:	4

HABITAT GAIN

Lineal Gain (m):	1,985
Spawn Area (m2):	0
Rear Area (m2):	16,841

PI TOTAL: **21.91**

GENERAL INFORMATION

Site ID:	981786
Stream:	Unnamed
Trib To:	Terrell Cr
Owner:	Private

DAM ATTRIBUTES

Dam Name:	
Height (m):	2.4
Span:	Full

BARRIER STATUS

Fish passage (%):	0
Ds Barriers:	7
Us Barriers:	2

HABITAT GAIN

Lineal Gain (m):	1,141
Spawn Area (m2):	0
Rear Area (m2):	12,396

PI TOTAL: **18.33**

GENERAL INFORMATION

Site ID:	981785
Stream:	Unnamed
Trib To:	Terrell Cr
Owner:	Private

DAM ATTRIBUTES

Dam Name:	
Height (m):	1.65
Span:	Full

BARRIER STATUS

Fish passage (%):	0
Ds Barriers:	8
Us Barriers:	1

HABITAT GAIN

Lineal Gain (m):	505
Spawn Area (m2):	0
Rear Area (m2):	6,081

Coastal Barrier Dams:

PI TOTAL: **16.60**

GENERAL INFORMATION

Site ID:	981792
Stream:	Unnamed
Trib To:	Terrell Cr
Owner:	Private

DAM ATTRIBUTES

Dam Name:	
Height (m):	1.3
Span:	Full

BARRIER STATUS

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

HABITAT GAIN

Lineal Gain (m):	767
Spawn Area (m2):	0
Rear Area (m2):	4,084

PI TOTAL: **15.82**

GENERAL INFORMATION

Site ID:	981832
Stream:	Unnamed
Trib To:	Terrell Cr
Owner:	Private

DAM ATTRIBUTES

Dam Name:	
Height (m):	1.82
Span:	Full

BARRIER STATUS

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

HABITAT GAIN

Lineal Gain (m):	664
Spawn Area (m2):	0
Rear Area (m2):	3,370

PI TOTAL: **15.82**

GENERAL INFORMATION

Site ID:	981779
Stream:	Unnamed
Trib To:	Terrell Cr
Owner:	State

DAM ATTRIBUTES

Dam Name:	
Height (m):	2.6
Span:	Full

BARRIER STATUS

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

HABITAT GAIN

Lineal Gain (m):	269
Spawn Area (m2):	0
Rear Area (m2):	3,364

PI TOTAL: **15.23**

GENERAL INFORMATION

Site ID:	981780
Stream:	Unnamed
Trib To:	Terrell Cr
Owner:	Private

DAM ATTRIBUTES

Dam Name:	
Height (m):	2.75
Span:	Full

BARRIER STATUS

Fish passage (%):	0
Ds Barriers:	9
Us Barriers:	0

HABITAT GAIN

Lineal Gain (m):	262
Spawn Area (m2):	0
Rear Area (m2):	2,893

Coastal Barrier Dams:

PI TOTAL: **14.85**

GENERAL INFORMATION

Site ID:	981793
Stream:	Unnamed
Trib To:	Terrell Cr
Owner:	Private

DAM ATTRIBUTES

Dam Name:	
Height (m):	2.4
Span:	Full

BARRIER STATUS

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

HABITAT GAIN

Lineal Gain (m):	574
Spawn Area (m2):	0
Rear Area (m2):	2,613

PI TOTAL: **10.03**

GENERAL INFORMATION

Site ID:	1285180
Stream:	Unnamed
Trib To:	NF Dakota Cr
Owner:	Private

DAM ATTRIBUTES

Dam Name:	None
Height (m):	4.4
Span:	Full

BARRIER STATUS

Fish passage (%):	33
Ds Barriers:	1
Us Barriers:	2

HABITAT GAIN

Lineal Gain (m):	1,186
Spawn Area (m2):	290
Rear Area (m2):	1,248

PI TOTAL: **5.90**

GENERAL INFORMATION

Site ID:	996871
Stream:	Unnamed
Trib To:	California Cr
Owner:	Private

DAM ATTRIBUTES

Dam Name:	Unnamed
Height (m):	5.41
Span:	Full

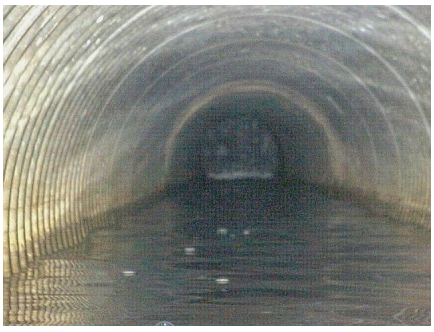
BARRIER STATUS

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

HABITAT GAIN

Lineal Gain (m):	609
Spawn Area (m2):	258
Rear Area (m2):	130

PI TOTAL: **4.56**



GENERAL INFORMATION

Site ID:	981821
Stream:	Unnamed
Trib To:	Terrell Cr
Owner:	Private

DAM ATTRIBUTES

Dam Name:	
Height (m):	2.5
Span:	Full

BARRIER STATUS

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

HABITAT GAIN

Lineal Gain (m):	104
Spawn Area (m2):	0
Rear Area (m2):	5,368

Coastal Barrier Dams:

PI TOTAL: **4.12**

GENERAL INFORMATION

Site ID:	981823
Stream:	Unnamed
Trib To:	Terrell Cr
Owner:	Private

DAM ATTRIBUTES

Dam Name:	
Height (m):	2.5
Span:	Full

BARRIER STATUS

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

HABITAT GAIN

Lineal Gain (m):	102
Spawn Area (m2):	0
Rear Area (m2):	2,392

PI TOTAL: **3.61**

GENERAL INFORMATION

Site ID:	981796
Stream:	Unnamed
Trib To:	Terrell Cr
Owner:	Private

DAM ATTRIBUTES

Dam Name:	
Height (m):	2.47
Span:	Full

BARRIER STATUS

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

HABITAT GAIN

Lineal Gain (m):	60
Spawn Area (m2):	0
Rear Area (m2):	1,407

PI TOTAL: **3.48**

GENERAL INFORMATION

Site ID:	981781
Stream:	Unnamed
Trib To:	Terrell Cr
Owner:	Private

DAM ATTRIBUTES

Dam Name:	
Height (m):	0.5
Span:	Full

BARRIER STATUS

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

HABITAT GAIN

Lineal Gain (m):	35
Spawn Area (m2):	0
Rear Area (m2):	1,219

PI TOTAL: **3.41**

GENERAL INFORMATION

Site ID:	981787
Stream:	Unnamed
Trib To:	Terrell Cr
Owner:	Private

DAM ATTRIBUTES

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

BARRIER STATUS

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

HABITAT GAIN

Lineal Gain (m):	41
Spawn Area (m2):	0
Rear Area (m2):	1,126

Coastal Barrier Dams:

PI TOTAL: **3.12**

GENERAL INFORMATION

Site ID:	981783
Stream:	Unnamed
Trib To:	Terrell Cr
Owner:	Private

DAM ATTRIBUTES

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

BARRIER STATUS

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

HABITAT GAIN

Lineal Gain (m):	42
Spawn Area (m2):	0
Rear Area (m2):	788

Coastal Barrier Fishways:

PI TOTAL:

No Image Available

GENERAL INFORMATION

Site ID:	370318
Stream:	Unnamed
Trib To:	California Cr
Owner:	County

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):	
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.