

Fish Passage & Diversion Screening Inventory Database Report Cover Sheet

The following report is extracted from the Washington Department of Fish and Wildlife's (WDFW) Fish Passage and Diversion Screening Inventory Database (FPDSI). WDFW makes every attempt to keep these reports in sync with FPDSI; however, the dynamic nature of the data and workflows associated with maintaining the database may result in short-term differences.

Users are encouraged to contact WDFW to discuss appropriate use of the data and how we can assist with fish passage barrier removal or inventory. Please visit the Fish Passage web site for contact information at: https://wdfw.wa.gov/species-habitats/habitat-recovery/fish-passage/about

Disclaimers:

- Data presented here represent a snapshot observation of conditions in a dynamic environment that is subject to change. Fish passage data are also collected from a variety of agencies and sources. Therefore, WDFW makes no guarantee concerning the data's content, accuracy, completeness, or the results obtained from use of the data. WDFW assumes no liability for the data represented here.
- These data are not an attempt to provide you with an official agency response as to the impacts of your project on fish and wildlife.
- Note that some fish passage features, habitats or species may occur in areas not currently
 known to the WDFW Fish Passage division, and may not be reflected in this database. A lack of
 data does not necessarily indicate that a feature, habitat, or species are not present.
- Unauthorized attempts to alter or modify these data are strictly prohibited.
- Bankfull width measurements included in these reports should not be used for fish passage crossing design. They are solely for assessment purposes.
- The barrier status reported in this document is based on the swimming abilities of adult salmonids. Passabilities are a qualitative value, and should not be interpreted as a quantitative calculation. Please see page 1-4 of the Fish Passage Inventory, Assessment and Prioritization Manual for further clarification: https://wdfw.wa.gov/publications/02061
- EXIF data presented with Image Reports may be erroneous due to camera battery failures and resetting of camera clock functions.

Abbreviations:

Most abbreviations in this report are defined in the Quick Reference Tables of the Fish Passage Inventory, Assessment, and Prioritization Manual. Additional commonly used abbreviations are defined as follows:

NFB = no potential salmonid use, BB = both banks, LB = left bank looking downstream, RB = right bank looking downstream, US or U/S = upstream, DS or D/S = downstream, WSDrop = water surface drop, BFW = bankfull width, OHW = ordinary high water, SLW = scour line width, CMP = corrugated metal pipe, Qfp = fish passage flow, V&D = Velocity and Depth, ROW = Right of Way

The FPDSI database often uses default values such as '-99.99' or '-999' to represent null values.

WDFW Fish Passage and Diversion Screening Inventory Database

Site Description Report

gated				
Davis Cr				
mmamish				
8.0144				
999.99				
Yes				
/lapped				
sh				
hroat				
Resident Trout				
rsion				
_				

11/21/2021

These data represent a snapshot of the Washington Department of Fish and Wildlife's current records. Due to the ongoing nature of assessment and inventory of these features, these data may not accurately represent conditions on the ground, and are subject to change.

WDFW Fish Passage and Diversion Screening Inventory Database

Level A Culvert Assessment Report

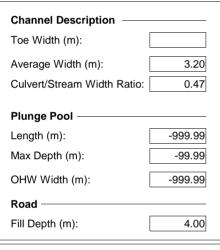
Site ID: 920111

Latitude: 47.615447652 Stream: George Davis Cr WRIA: 08.0144

Longitude: -122.067921291 Tributary To: Lake Sammamish Fish Use Potential: Yes

Data Source		Washington Department of Fish and Wildlife						
	Field Crew:	Paulus;Tuttle	Review Date: 4/23/2018					

Culvert Details						Level A Parameters							
<u>ID</u>	<u>Shape</u>	<u>Material</u>	<u>Span</u>	<u>Rise</u>	<u>Length</u>	<u>WDIC</u>	<u>Apron</u>	WSDrop	Location	Countersunk	Backwater	Slope (%)	<u>Sediment</u>
1.1	RND	CST	1.52	1.52	22.60	0.14	NO	0.45	Outlet	No	No	8.30	
All	All dimensions in meters												





Assessment Results		Tidal Influence:	Tidal Influence:		esent:	No	
Barrier:	Yes	Passability (%):	0	Method:		Level A	
Reason:	WS Drop	Fishway Present:	No	Recheck:			

Comments

Main culvert is attached to standpipe at US end which has a 0.46m RND CST pipe that outlets into SP w/ divider gate. Divider gate in SP has a WSD of 0.95m that then connects to inlet of measured culvert to outlet w/trashrack.

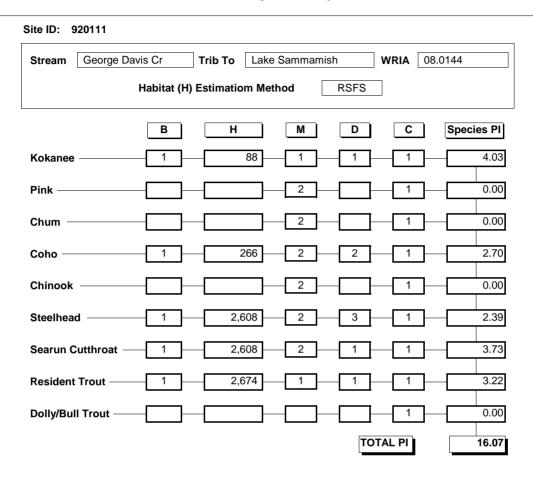
Potential Habitat Gain

i oteittai Habitat	Jaiii				
Survey Type:	RSFS	Spawning (sq m):	1,212	Length (m):	1,305
Significant Reach:	Yes	Rearing (sq m):	2,674	PI Total	16.07

WDFW Fish Passage and Diversion Screening Inventory Database Habitat Survey Summary Report

Site ID: 920111								
Latitude: 47.615447652 Longi	tude: -122.0679212	291 WRIA:	08.0144					
Stream: George Davis Cr Tribut	ary To: Lake Sammam	ish Pl Total:	16.07					
Survey Type RSFS								
Spreadsheet File(s):								
920111.xls, 920017 RHA.xlsx								
Downstream Survey Date: 12/13/2012 Crew: Ingram;S	itygar Lei	ngth (m): 30						
Downstream Comments: Downstream flows through an altered channel, reinforced along banks and substrate to reduce erosion. Stream flows through Site 920268 (under E. Lake Sammamish Trail) and Site 920017 (under a home) then empties directly into Lake Sammamish.								
Upstream Survey Date: 12/13/2012 Crew: Ingram;Stygar Length (m): 1,305 Upstream Comments: Stream flows through forested ravine with multiple seeps and stormwater flow additions. Evidence of several large woody debris restoration projects in stream channel. Available habitat ends downstream of 920113, large spring seep area								
Potential Habitat Gain Lineal (m): 1,305 Spawning Area (sq m): 1,212 Rearing Area (sq m): 2,674 Distribution Anadromous Resident Only Unknown								
Potential Species Benefit								
Sockeye / Kokanee	☐ Chinook	Searun Cutthroa	at					
☐ Pink	✓ Coho	Resident Trout						
☐ Chum	✓ Steelhead	☐ Bull Trout						

WDFW Fish Passage and Diversion Screening Inventory Database Barrier Priority Index Report



B = proportion of fish passage improvement (1, 0.67, 0.33).

H = potential habitat gain (square meters), spawning habitat for sockeye, pink and chum, rearing habitat for the rest.

M= mobility modifier (anadromous = 2, resident = 1).

D = stock condition modifier (critical = 3, depressed = 2, not 2 or 3 = 1).

C= repair cost modifier (<\$100K = 3, \$100K - \$500K = 2, >\$500K = 1).

WDFW Fish Passage and Diversion Screening Inventory Database Image Report - Active

Site ID:	920111				
Latitude:	47.615447652	Stream:	George Davis Cr	WRIA:	08.0144
Longitude:	-122.067921291	Tributary To: Lake Sammamish		Fish Use Potential:	Yes
Associate	ed Features				
✓ Culv	vert -Culvert Xing	☐ Dam	☐ Natural Barrier	Diversion	







