Washington Department of
Fish and Wildlife

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, $\mathbf{Q_{fp}}$ = 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

Site ID 920112 **Project** FBRB ☐ **Mitigated**

Geographic Coordinates

Latitude (WGS 84):	47.615155407
Longitude (WGS 84):	-122.065885735
East (NAD 83 HARN):	1,254,189.2
North (NAD 83 HARN)	835,998.9

Waterbody

Stream:	George Davis Cr
Tributary To:	Lake Sammamish
WRIA:	08.0144
River Mile:	-999.99
Fish Use Potential:	Yes
FUP Criteria:	Mapped

General Location

Road Name:	
Mile Post:	-999.99
County:	King
WDFW Region:	4

Owner

Type:	City
Name:	City of Sammamish

PI Species

☑ Sockeye	☐ Chinook	☑ Sea Run Cutthroat
☐ Pink	☑ Coho	☑ Resident Trout
☐ Chum	☑ Steelhead	☐ Bull Trout

Associated Features

☐ Culvert	☑ Dam	☐ Natural Barrier	☐ Diversion
☐ Non-Culvert Xing	☐ Other	☐ Fishway	

Location/Directions

Site Comments

11/21/2021

WDFW Fish Passage and Diversion Screening Inventory Database

Dam Assessment Report

Site ID:	**920112**				
Latitude:	**47.615155407**	Stream:	**George Davis Cr**	WRIA:	**08.0144**
Longitude:	**-122.065885735**	Trib To:	**Lake Sammamish**	Fish Use Potential:	**Yes**

Data Source

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

Description

Dam Name:		Type:	Concrete	Operated:	Year Round
Resevoir Name:		Span:	Full	Fishway Present:	No
Primary Purpose:	Flood Control	Outlet:	Standpipe		

Assessment Parameters

Length (m):	11.1
Height (m):	1.07
Water Surface Difference (m):	0.78
Plunge Pool Depth (m):	0.27

Results

Barrier:	Yes
Reason:	WS Drop
Passability (%):	33
Recheck:	

Description

Concrete dam spanning entire channel, equipped with a single spillway area that has notches to install riser boards, spillway span 1.22m. Completely filled in with debris on upstream side and an attempt to fix downstream channel with erosion mats

Comments

11/21/2021

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Dam Assessment Report

Site ID:	**920112**				
Latitude:	**47.615155407**	Stream:	**George Davis Cr**	WRIA:	**08.0144**
Longitude:	**-122.065885735**	Trib To:	**Lake Sammamish**	Fish Use Potential:	**Yes**

Potential Habitat Gain

Survey Type:	RSFS	Rearing (sq m):	2,374	Length (m):	1,140
Significant Reach:	Yes	Spawning (sq m):	1,125	**PI Total:**	10.82

11/21/2021

WDFW Fish Passage and Diversion Screening Inventory Database

Habitat Survey Summary Report

Site ID:	**920112**				
Latitude:	**47.615155407**	Longitude:	**-122.065885735**	WRIA:	**08.0144**
Stream:	**George Davis Cr**	Tributary To:	**Lake Sammamish**	PI Total:	**10.82**

Survey Type RSFS

Spreadsheet File(s):

920111.xls, 920017 RHA.xlsx

Downstream Survey

Date: 12/13/2012 Crew: Ingram;Stygar Length (m): 225

Downstream Comments:

Downstream flows through site 920111 under E. Lk Sammamish Parkway, 920268 under E. Lk Sammamish Trail and 920017 under a private home property

Upstream Survey

Date: 12/13/2012 Crew: Ingram;Stygar Length (m): 1,140

Upstream Comments:

Upstream flows through a forested ravine with several spring areas and surface water management flow additions. Evidence of large woody debris restoration projects. Available habitat ends downstream of 920113, large spring seep area.

Potential Habitat Gain

Lineal (m):	1,140
Spawning Area (sq m):	1,125
Rearing Area (sq m):	2,374

Distribution
- (•) Anadromous
- ( ) Resident Only
- ( ) Unknown

Gain Direction (Resident Only):

Potential Species Benefit

☑ Sockeye / Kokanee	☐ Chinook	☑ Searun Cutthroat
☐ Pink	☑ Coho	☑ Resident Trout
☐ Chum	☑ Steelhead	☐ Bull Trout

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WDFW Fish Passage and Diversion Screening Inventory Database

Barrier Priority Index Report

Site ID: 920112

Stream	George Davis Cr	Trib To	Lake Sammamish	WRIA	08.0144

Habitat (H) Estimatiom Method RSFS

	B	H	M	D	C	Species PI
Kokanee			1		3	0.00
Pink			2		3	0.00
Chum			2		3	0.00
Coho			2		3	0.00
Chinook			2		3	0.00
Steelhead	0.67	2,342	2	3	3	2.78
Searun Cutthroat	0.67	2,342	2	1	3	4.32
Resident Trout	0.67	2,373	1	1	3	3.72
Dolly/Bull Trout					3	0.00
				TOTAL PI		**10.82**

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).

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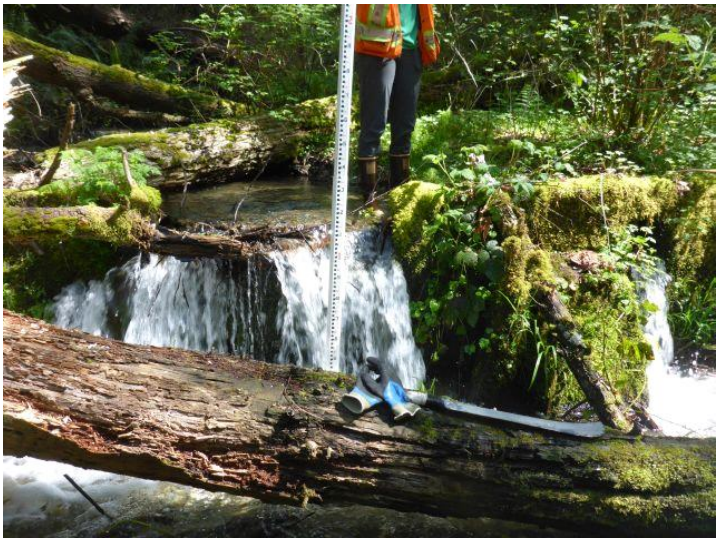
WDFW Fish Passage and Diversion Screening Inventory Database

Image Report - Active

Site ID:	**920112**				
Latitude:	**47.615155407**	Stream:	**George Davis Cr**	WRIA:	**08.0144**
Longitude:	**-122.065885735**	Tributary To:	**Lake Sammamish**	Fish Use Potential:	**Yes**

Associated Features

☐ Culvert	☑ Dam	☐ Natural Barrier	☐ Diversion
☐ Non-Culvert Xing	☐ Other	☐ Fishway	



11/21/2021