



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, **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

Project

☐ Mitigated

Geographic Coordinates

Latitude (WGS 84):
Longitude (WGS 84):
East (NAD 83 HARN):
North (NAD 83 HARN):

Waterbody

Stream:
Tributary To:
WRIA:
River Mile:
Fish Use Potential:
FUP Criteria:

General Location

Road Name:
Mile Post:
County:
WDFW Region:

Owner

Type:
Name:

PI Species

- | | | |
|---|---|---|
| <input checked="" type="checkbox"/> Sockeye | <input type="checkbox"/> Chinook | <input checked="" type="checkbox"/> Sea Run Cutthroat |
| <input type="checkbox"/> Pink | <input checked="" type="checkbox"/> Coho | <input checked="" type="checkbox"/> Resident Trout |
| <input type="checkbox"/> Chum | <input checked="" type="checkbox"/> Steelhead | <input type="checkbox"/> Bull Trout |

Associated Features

- | | | | |
|---|--------------------------------|--|------------------------------------|
| <input checked="" type="checkbox"/> Culvert | <input type="checkbox"/> Dam | <input type="checkbox"/> Natural Barrier | <input type="checkbox"/> Diversion |
| <input type="checkbox"/> Non-Culvert Xing | <input type="checkbox"/> Other | <input type="checkbox"/> Fishway | |

Location/Directions

Site Comments

Pipe travels under Lake Sammamish Shore Ln, private driveway and house, which outlets into ~12m of channel before it outlets into Lake Sammamish. Description of reach in "George Davis Creek Fish Passage Project" PHD (Northwest Hydraulic Consultants 2020)

4/25/2022

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WDFW Fish Passage and Diversion Screening Inventory Database

Level A Culvert Assessment Report

Site ID: 920017	Stream: George Davis Cr	WRIA: 08.0144
Latitude: 47.615285	Tributary To: Lk Sammamish	Fish Use Potential: Yes
Longitude: -122.0690574		

Data Source: <input type="text" value="Washington Department of Fish and Wildlife"/>
Field Crew: <input type="text" value="Paulus;Tuttle"/> Review Date: <input type="text" value="4/23/2018"/>

Culvert Details										Level A Parameters			
ID	Shape	Material	Span	Rise	Length	WDIC	Apron	WSDrop	Location	Countersunk	Backwater	Slope (%)	Sediment
1.1	RND	PCC	0.61	0.61	45.00	0.10	NO	0.00		No	No	7.00	

All dimensions in meters

Channel Description	
Toe Width (m):	<input type="text" value=""/>
Average Width (m):	<input type="text" value="3.20"/>
Culvert/Stream Width Ratio:	<input type="text" value="0.17"/>
Plunge Pool	
Length (m):	<input type="text" value="0.00"/>
Max Depth (m):	<input type="text" value="-99.99"/>
OHW Width (m):	<input type="text" value="-999.99"/>
Road	
Fill Depth (m):	<input type="text" value="3.00"/>



Assessment Results		Tidal Influence: <input type="text" value=""/>	Tidegate Present: <input type="text" value="No"/>
Barrier: <input type="text" value="Yes"/>	Passability (%): <input type="text" value="0"/>	Method: <input type="text" value="Level A"/>	
Reason: <input type="text" value="Slope"/>	Fishway Present: <input type="text" value="No"/>	Recheck: <input type="text" value=""/>	

Comments
Unable to collect all data needed to complete Level A analysis. Upstream end of pipe attached to standpipe structure. (Professional Judgement made by Zweifel 5/4/2018). Length and slope estimates by Northwest Hydraulic Consultants Inc (2020).

Potential Habitat Gain			
Survey Type: <input type="text" value="RHA"/>	Spawning (sq m): <input type="text" value="-999"/>	Length (m): <input type="text" value="1,324"/>	
Significant Reach: <input type="text" value="Yes"/>	Rearing (sq m): <input type="text" value="-999"/>	PI Total: <input type="text" value=""/>	

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WDFW Fish Passage and Diversion Screening Inventory Database

Habitat Survey Summary Report

Site ID: **920017**

Latitude: **47.615285** Longitude: **-122.0690574** WRIA: **08.0144**

Stream: **George Davis Cr** Tributary To: **Lk Sammamish** PI Total:

Survey Type

Spreadsheet File(s):

920017_RHA.xlsx, (RSFS) 920111.xls

Downstream Survey

Date: Crew: Length (m):

Downstream Comments:

920017 empties into Lake Samammish.

Upstream Survey

Date: Crew: Length (m):

Upstream Comments:

Mostly riffle habitat with clean cobbles, gravel and sand. Gradient: 6%. Good habitat complexity, low-mod pooling depth. Some pipes draining from residential hillsides, most likely stormwater diversions.

Potential Habitat Gain

Lineal (m):

Spawning Area (sq m):

Rearing Area (sq m):

Distribution

- ☒ Anadromous
☐ Resident Only
☐ Unknown

Gain Direction (Resident Only):

Potential Species Benefit

☒ Sockeye / Kokanee

☐ Pink

☐ Chum

☐ Chinook

☒ Coho

☒ Steelhead

☒ Searun Cutthroat

☒ Resident Trout

☐ Bull Trout

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WDFW Fish Passage and Diversion Screening Inventory Database

Image Report - Active

Site ID: 920017

Latitude: 47.615285

Longitude: -122.0690574

Stream: George Davis Cr

Tributary To: Lk Sammamish

WRIA: 08.0144

Fish Use Potential: Yes

Associated Features

☒ Culvert

☐ Dam

☐ Natural Barrier

☐ Diversion

☐ Non-Culvert Xing

☐ Other

☐ Fishway



4/25/2022

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