



# 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<sub>fp</sub>** = 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 type="checkbox"/> Sockeye | <input type="checkbox"/> Chinook   | <input type="checkbox"/> Sea Run Cutthroat |
| <input type="checkbox"/> Pink    | <input type="checkbox"/> Coho      | <input type="checkbox"/> Resident Trout    |
| <input type="checkbox"/> Chum    | <input type="checkbox"/> Steelhead | <input type="checkbox"/> Bull Trout        |

#### Associated Features

- |   |   |  |                                    |
|---|---|--|------------------------------------|
| <input type="checkbox"/> Culvert          | <input checked="" 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

Access to site needs to be granted from Seattle Public Utility and and escort need to be arranged. Call ahead. US of this site is Lake Youngs, which will never be turned into fish habitat, for it is a water resevoir for the city of Seattle.

11/20/2021

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

### Dam Assessment Report

Site ID:	983170		
Latitude:	47.402795304	Stream:	Little Soos Cr
Longitude:	-122.124552063	Trib To:	Big Soos Cr
		WRIA:	09.0092
		Fish Use Potential:	No

#### Data Source

Organization:	Washington Department of Fish and Wildlife		
Field Crew:	Erkel;Hoening	Review Date:	6/17/2009

#### Description

Dam Name:		Type:	Earth Fill	Operated:	Year Round
Reservoir Name:	Youngs Lake	Span:	Full	Fishway Present:	No
Primary Purpose:	Water Supply	Outlet:	Spillway		

#### Assessment Parameters

Length (m):	121.0
Height (m):	8.76
Water Surface Difference (m):	7.00
Plunge Pool Depth (m):	-99.99

#### Results

Barrier:	N/A
Reason:	N/A
Passability (%):	N/A
Recheck:	



#### Description

SPU isolated lake with dam at outlet of lake. Water flows over road via siphon. Two channels on LB and RB of lake also return water. Siphon pipe is a 0.15m SST with a screw gate.

#### Comments

Water from Cedar R added to Little Soos Cr through lake.

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**WDFW Fish Passage and Diversion Screening Inventory Database**  
**Dam Assessment Report**

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Latitude:	<b>47.402795304</b>	Stream:	<b>Little Soos Cr</b>	WRIA:	<b>09.0092</b>
Longitude:	<b>-122.124552063</b>	Trib To:	<b>Big Soos Cr</b>	Fish Use Potential:	<b>No</b>

**Potential Habitat Gain**

Survey Type:	<input type="text" value="RSFS"/>	Rearing (sq m):	<input type="text" value="-999"/>	Length (m):	<input type="text" value="-999"/>
Significant Reach:	<input type="text" value="N/A"/>	Spawning (sq m):	<input type="text" value="-999"/>	<b>PI Total:</b>	<input type="text"/>

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## WDFW Fish Passage and Diversion Screening Inventory Database

### Habitat Survey Summary Report

Site ID: **983170**

Latitude: **47.402795304** Longitude: **-122.124552063** WRIA: **09.0092**

Stream: **Little Soos Cr** Tributary To: **Big Soos Cr** PI Total:

Survey Type

Spreadsheet File(s):

#### Downstream Survey

Date:  Crew:  Length (m):

Downstream Comments:

Stream flows through green belts and back yards of residential areas. Several road and driveway crossings, but stream is relatively undisturbed and buffered.

#### Upstream Survey

Date:  Crew:  Length (m):

Upstream Comments:

Youngs lake upstream. Heavily managed lake for water supply. Multiple basins feed this lake.

#### 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

☐ Chinook

☐ Searun Cutthroat

☐ Pink

☐ Coho

☐ Resident Trout

☐ Chum

☐ Steelhead

☐ Bull Trout

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