



Fish Passage and Diversion Screening Inventory Database Report Cover Sheet

The Washington Department of Fish and Wildlife (WDFW) makes every attempt to keep these reports in sync with the fish passage data presented on the web map; however, the dynamic nature of the data and workflows associated with maintaining the Fish Passage 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: http://dfw.wa.gov/conservation/habitat/fish_passage/.

Disclaimer:

- WDFW makes no guarantee concerning the data's content, accuracy, completeness, or the results obtained from use of the data.
- 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.
- WDFW makes no warranty of fitness for a particular purpose, no representation as to the quality of any data, and assumes no liability for the data represented here.
- The fish and wildlife data may not represent exhaustive inventories, but are compilations of observations from field biologists that are updated periodically as knowledge improves.
- It is important to note that fish passage features, habitats, or species may occur on the ground in areas not currently known to WDFW biologists, or in areas for which comprehensive surveys have not been conducted.
- All data presented here represent a snapshot observation of conditions in a dynamic environment that are subject to change.
- Unauthorized attempts to alter or modify the contents of these reports are strictly prohibited.

Other Notes Regarding Fish Passage Data:

- The Fish Passage and Diversion Screening Inventory (FPDSI) database often uses default values such as '-99.99' or '-999' to represent null values.
- EXIF data presented with Image Reports may be erroneous due to camera battery failures and resetting of camera clock functions.
- When conducting projects or planning for fish and wildlife, please consider using additional information gathered from field investigations and consultations with WDFW or other professional biologists.
- Erroneous data may be reported directly to Fish Passage staff through the use of the Washington State Fish Passage web application at: <http://apps.wdfw.wa.gov/fishpassage/>.

Exhibit 3A
WDFW Fish Passage
Inventory - Brentwood
Culvert

WDFW Fish Passage and Diversion Screening Inventory Database

Site Description Report

Site ID

Project

Geographic Coordinates

Latitude (WGS 84):	<input type="text" value="47.5733433"/>
Longitude (WGS 84):	<input type="text" value="-122.683337"/>
East (HARN 83):	<input type="text" value="1,101,502.8"/>
North (HARN 83)	<input type="text" value="824,382.4"/>

Waterbody

Stream:	<input type="text" value="Ostrich Cr"/>
Tributary To:	<input type="text" value="Ostrich Bay"/>
WRIA:	<input type="text" value="15.0226"/>
River Mile:	<input type="text" value="-999.99"/>
Fish Use Potential:	<input type="text" value="Yes"/>
FUP Criteria:	<input type="text" value="Mapped"/>

General Location

Road Name:	<input type="text"/>
Mile Post:	<input type="text" value="-999.99"/>
County:	<input type="text" value="Kitsap"/>
WDFW Region:	<input type="text" value="6"/>

Owner

Type:	<input type="text" value="City"/>
Name:	<input type="text" value="City of Bremerton"/>

PI Species

<input 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 checked="" 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

From NB SR 3 exit (Kitsap Lk, MP 38) take right onto Kitsap Way; go about 0.07 mile and turn left onto Shorewood Dr.; go 0.26mi to and turn left onto Unnamed Road and go 0.03mi to crossing.

Site Comments

Lower portions of vertical stream banks that are hardpan clay w/ embedded gravel.

Print Date: 2/1/2016

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WDFW Fish Passage and Diversion Screening Inventory Database

Level A Culvert Assessment Report

Site ID: 996510	Stream: Ostrich Cr	WRIA: 15.0226	
Latitude: 47.5733433	Tributary To: Ostrich Bay	Fish Use Potential: Yes	
Longitude: -122.683337			

Data Source	WDFW
Field Crew:	Erkel;Romero
Review Date:	5/13/2009

Culvert Details						Level A Parameters						
ID	Shape	Material	Span	Rise	Length	WDIC	Apron	WSDrop	Location	Countersunk	Backwater	Slope (%)
1.1	RND	CST	1.52	1.52	24.50	0.04	NO	0.06		No		3.30

All dimensions in meters

Channel Description	
Toe Width (m):	<input type="text"/>
Average Width (m):	<input type="text" value="3.40"/>
Culvert/Stream Width Ratio:	<input type="text" value="0.45"/>
Plunge Pool	
Length (m):	<input type="text" value="4.50"/>
Max Depth (m):	<input type="text" value="0.53"/>
OHW Width (m):	<input type="text" value="4.00"/>
Road	
Fill Depth (m):	<input type="text" value="3.00"/>



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

Comments
inlet has 0.40m infall drop.

Potential Habitat Gain			
Survey Type:	<input type="text" value="RSFS"/>	Spawning (sq m):	<input type="text" value="-999"/>
Significant Reach:	<input type="text" value="Yes"/>	Rearing (sq m):	<input type="text" value="-999"/>
		Length (m):	<input type="text" value="3,240"/>
		PI Total	<input type="text"/>

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WDFW Fish Passage and Diversion Screening Inventory Database

Habitat Survey Summary Report

Site ID: 996510				
Latitude: 47.5733433	Longitude: -122.683337	WRIA: 15.0226		
Stream: Ostrich Cr	Tributary To: Ostrich Bay	PI Total:		

Survey Type

Spreadsheet File(s):

996508.xls; 996508a.xls; 996508a1.xls

Downstream Survey

Date: Crew: Length (m):

Downstream Comments:

Steep banks downstream in forest cover. Culvert site 930559 located under county road DS. Canopy opens up before confluence with Puget Sound and tidal influence.

Upstream Survey

Date: Crew: Length (m):

Upstream Comments:

Several barrier culverts upstream. Areas of open canopy and constricted channel through cemetery. Mostly forested canopy cover. Gradient 2-6%. Some clay substrate, good instream cover. Low gradient spring wetland habitat before end of fish use.

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

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

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WDFW Fish Passage and Diversion Screening Inventory Database
Barrier Repair Report

Site ID:

Repair Type:

Repair Year:

Compliance Check: Date: By: Barrier Fixed:

Comments:

Before

After

No Image Available



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