



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):	<input type="text" value="47.46603"/>
Longitude (WGS 84):	<input type="text" value="-120.49193"/>
East (NAD 83 HARN):	<input type="text" value="1,642,411.6"/>
North (NAD 83 HARN):	<input type="text" value="777,764.9"/>

Waterbody

Stream:	<input type="text" value="Mission Cr"/>
Tributary To:	<input type="text" value="Wenatchee R"/>
WRIA:	<input type="text" value="45.0089"/>
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="Chelan"/>
WDFW Region:	<input type="text" value="2"/>

Owner

Type:	<input type="text" value="Private"/>
Name:	<input type="text"/>

PI Species

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

Location/Directions

Site Comments

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: 603672		
Latitude: 47.46603	Stream: Mission Cr	WRIA: 45.0089
Longitude: -120.49193	Trib To: Wenatchee R	Fish Use Potential: Yes

Data Source

Organization:	Cascade Columbia Fisheries Enhancement Group		
Field Crew:	AP;HS	Review Date:	10/12/2017

Description

Dam Name:		Type:	Timber	Operated:	Year Round
Reservoir Name:		Span:	Full	Fishway Present:	No
Primary Purpose:	Irrigation	Outlet:	Spillway		

Assessment Parameters

Length (m):	5.3
Height (m):	0.73
Water Surface Difference (m):	0.35
Plunge Pool Depth (m):	0.50



Results

Barrier:	Yes
Reason:	WS Drop
Passability (%):	67
Recheck:	

Description

Three dams in a row for the irrigation diversion.

Comments

First rock dam has a hd of .28, height of .63, pool depth of .45, second timber dam has a hd of .30, height of .95 and pool depth 1.05, and third timber dam is noted above.

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WDFW Fish Passage and Diversion Screening Inventory Database
Dam Assessment Report

Site ID: 603672		
Latitude: 47.46603	Stream: Mission Cr	WRIA: 45.0089
Longitude: -120.49193	Trib To: Wenatchee R	Fish Use Potential: Yes

Potential Habitat Gain

Survey Type:	<input type="text"/>	Rearing (sq m):	<input type="text"/>	Length (m):	<input type="text"/>
Significant Reach:	<input type="text" value="Yes"/>	Spawning (sq m):	<input type="text"/>	PI Total:	<input type="text"/>

11/20/2021

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**WDFW Fish Passage and Diversion Screening Inventory Database
Surface Water Diversion Assessment Report**

Site ID:	603672		
Latitude:	47.46603	Stream:	Mission Cr
Longitude:	-120.49193	Trib To:	Wenatchee R
		WRIA:	45.0089
		Fish Use Potential:	Yes

Data Source

Organization:	Cascade Columbia Fisheries Enhancement Group		
Field Crew:	AP;HS	Review Date:	10/25/2017

Diversion Description

Type:	Gravity	Point of Diversion:	LB	Diversion Dam:	Yes
Access By:	Foot	Location:	River Bank	Headgate:	No
Fish Bypass:		Fish Bypass Functioning:			
Fish Bypass Enclosure Status:					

Flow

Intake Pipe Outside Diameter (in):	-99.99 (Pump Only)	Water Right ID No:	
Diversion Channel Area (sq ft):	-99.9 (Gravity Only)	Power Meter No:	
Diversion Amount (gpm):	-999.99	SPI Total:	
Flow Derivation:			

Diversion Comments

End of screen has no end cover.

Is Diversion Screened? **Yes**

Screen Type:	Infiltration Gallery
Screen Material:	Perforated Plate
Mesh Size (in):	0.18
Diameter (ft):	4.00
Height (ft):	0.60
Length (ft):	-99.99
Area (sq ft):	-999.99
Condition:	MN
Compliant (WDFW Criteria):	
Under Operation:	
Active Cleaning:	



Screen Comments

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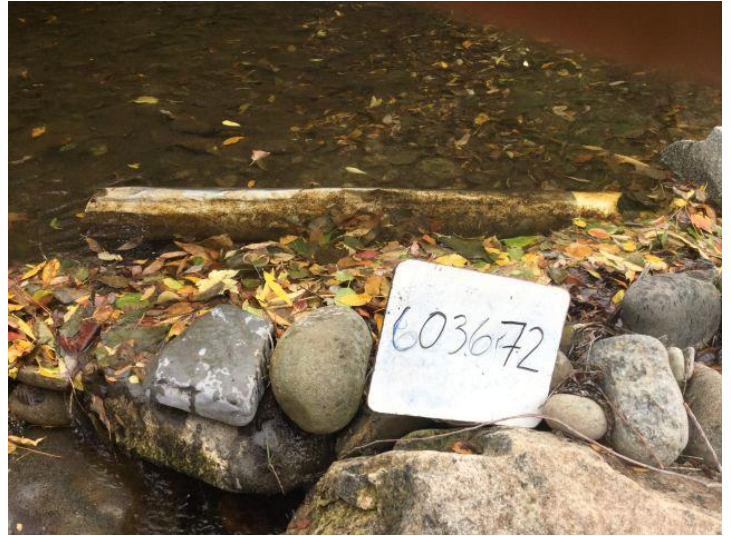
Recheck

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

Site ID: 603672	Stream: Mission Cr	WRIA: 45.0089
Latitude: 47.46603	Tributary To: Wenatchee R	Fish Use Potential: Yes
Longitude: -120.49193		

Associated Features

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



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