**Skagit RBK Side Channel (Site W)**

Seasonally Disconnected Floodplain Habitat Project: Year 1 (2021) Reconnaissance Report

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Site Map

* W1 – site outlet
* W2 – site outlet

Diagram

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Figure 1: Map of Site W with Relative Elevation Model (REM) showing elevation (ft) relative to the mainstem at base flows. REM developed by NSD from USGS 2016 LiDAR and provided by SRSC.

Temperature, Water Level, and Connectivity Trends

* No equipment installed at the site because too dynamic and most wetted areas during periods of disconnect within the site are too temporary to sustain fish
* As the Skagit mainstem flows recede the site likely quickly drains until only a few shallow temporary pools remain
* Given the low relative elevation of the site to the Skagit mainstem, water level is likely heavily influenced by mainstem discharge

5/13/2021

* Boat reconnaissance
* Site barely connected at W1 site outlet with 1-2 inches of flow (Figure 2)
* Site disconnected at W2 (Figure 3)

A person standing in a stream

Description automatically generated with low confidence

Figure 2. Looking upstream at W1 site outlet

A picture containing outdoor, ground, nature, dirt

Description automatically generated

Figure 3. Looking downstream at W2 site outlet

9/23/2021

* Boat reconnaissance
* Site disconnected at W1 and W2 site outlets (Figure 4)
* Site recently inundated from high Skagit mainstem flows so few shallow pools still in site (Figure 5)
* One adult pink salmon observed trapped in shallow pool

A person walking on a dirt road

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Figure 4. Looking upstream at W1 site outlet

A picture containing ground, outdoor, tree, nature

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Figure 5. Looking upstream at mostly dry site with few shallow pools