**West of Ross Island Slough (Site G)**

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

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Site Map

* G1 – site outlet

A picture containing chart

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Figure 1: Map of Site G 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 does not hold any water to sustain fish
* As the Skagit mainstem flows recede the likely site quickly drains until dry
* Given the low relative elevation of the site to the Skagit mainstem, water level is likely heavily influenced by mainstem discharge

6/10/2021

* Boat reconnaissance
* Site totally dry with outlet channel at G1 perched 2 ft above current Skagit water level (Figure 2)

A picture containing tree, outdoor, water, river

Description automatically generated

Figure 2. Looking at dry G1 outlet channel from mainstem Skagit

9/22/2021

* Boat reconnaissance
* Site totally dry with outlet channel at G1 perched 3 ft above current Skagit water level (Figure 3)
* Outlet channel dry all the way up into site and eventually fans out so that channel no longer apparent (Figure 4)

A picture containing outdoor, ground, tree, standing

Description automatically generated

Figure 3. Looking at dry G1 outlet channel from mainstem Skagit

A person walking in the woods

Description automatically generated with medium confidence

Figure 4. Further up dry outlet channel where fans out and channel no longer apparent