**Pressentin Ranch Slough (Site S)**

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

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Site Map

* S1 – site outlet

A picture containing map

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Figure 1: Map of Site S 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 because site does not hold substantial 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

5/12/2021

* Boat reconnaissance
* Site disconnected at S1 with dry outlet channel (Figure 2)
* Thick brush in outlet channel so not able to navigate further into the site
* S1 is in small wetted side channel that is connected to the mainstem Skagit (Figure 3)
* Several juvenile salmonids observed in the side channel

A picture containing tree, outdoor, ground, path

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Figure 2. Looking upstream from S1 site outlet at dry outlet channel

A picture containing outdoor, tree, water, ground

Description automatically generated

Figure 3. Looking downstream at small side channel from S1 site outlet

5/27/2021

* Land reconnaissance via Skagit Land Trust property
* Site disconnected at S1 with dry outlet channel
* Outlet channel more apparent closer to S1 (Figure 4) but further into site mostly just flat and vegetated (Figure 5)
* Site does not appear to hold any substantial water

A picture containing tree, outdoor, plant

Description automatically generated

Figure 4. Looking downstream at dry outlet channel closer to S1 site outlet

A picture containing outdoor, plant, tree

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Figure 5. Looking upstream at site outlet channel further into site where spreads out into flat vegetated ground