**East of Utopia Slough (Site H)**

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

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Site Map

* H1 – site outlet

Map

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Figure 1: Map of Site H 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

6/10/2021

* Boat reconnaissance
* Site disconnected at H1 with dry outlet channel 20 ft into site where channel becomes wetted (Figure 2)
* Site opens up into marshy field that is very shallow and likely unable to sustain fish

A picture containing grass, nature, outdoor, hill

Description automatically generated

Figure 2. Transition in outlet channel where turns from dry to wetted

9/22/2021

* Boat reconnaissance
* Very similar conditions to previous visit
* Site disconnected at H1 with dry outlet channel 20 ft into site where channel becomes wetted (Figure 3)
* No actual wetted pond that would be able to sustain fish, only a couple inches of water in marshy field (Figure 4)

A picture containing outdoor, grass, field, green

Description automatically generated

Figure 3. Looking upstream outlet channel where becomes wetted

A grassy area with trees in the background

Description automatically generated

Figure 4. Marshy field with only inches of water unable to sustain fish