**Bend in Skagit (Site Q)**

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

Maddie Hicks, Jonathan Armstrong (Oregon State University)

Catherine Austin (Skagit River System Cooperative)

Site Map

* Q1 – site outlet

A picture containing diagram

Description automatically generated

Figure 1: Map of Site Q 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 Q1 site outlet with 10 ft increase in Skagit water level to inundate site
* There is a dry channel further into site that appears to dead end (Figure 2)
* Site has relatively flat topography so no apparent locations to hold water

A picture containing outdoor, ground, grass, tree

Description automatically generated

Figure 2. Looking upstream at undefined channel that eventually dead ends further into site