**Illabot Chum Channel (Site AAF)**

Site Map (Figure 1)

* AAF1 – site outlet at culvert with beaver screen
* Level logger – placed in deepest downstream location of site 5/5/2021 – 10/7/2021
* Temperature logger – placed in deepest downstream location of site 5/5/2021 – 10/7/2021

Temperature, Water Level, and Connectivity Trends

Chart, line chart

Description automatically generated

Figure 2. Changes in water level (m) and temperature (°C) in Illabot Chum Channel relative to Skagit discharge (cfs)

* No timelapse camera installed at the site because unsure of potential disconnection point
* The site never disconnected from Illabot Slough during the field season (April – October 2021)
* 5/5/2021 – 10/7/2021
  + Minimum Temperature:
  + Maximum Temperature:
  + Average Temperature:

4/12/2021

* Snorkel survey and land reconnaissance
* Site connected to Illabot Slough through AAF1 site outlet culvert (Figure 3)
* Snorkeled from the upstream end of the channel to AAF1
* Visibility very good for snorkeling (3+ m)
* Adult spawner jaw and muskrat observed
* Coho, Chinook, O. mykiss, bull trout, whitefish, sucker, cutthroat, and stickleback observed
* Survey temperature logger died so no spatial temperature map for this survey

A picture containing outdoor, grass, tree, nature

Description automatically generated

Figure 3. Culvert with beaver screen at AAF1 site outlet to Illabot Slough

5/5/2021

* Land reconnaissance
* Site connected to Illabot Slough through AAF1 site outlet culvert
* <100 mm O. mykiss and coho seen from surface
* Visibility still very clear in channel (Figure 4)

A picture containing tree, plant

Description automatically generated

Figure 4. Looking upstream from culvert with clear visibility in Illabot Chum Channel

6/22/2021

* Land reconnaissance
* Site connected to Illabot Slough through AAF1 site outlet culvert
* Visibility still very clear in channel

8/15/2021

* Land reconnaissance
* Site connected to Illabot Slough through AAF1 site outlet culvert

10/7/2021

* Land reconnaissance
* Site connected to Illabot Slough through AAF1 site outlet culvert
* Visibility still very clear in channel
* 80-100 mm coho observed