**AAE – Utopia Slough**

5/14/2021

* Parked by the gate on Utopia Rd. and started survey at bridge
* Visibility poor (< 2 ft.) and channel deep (too deep for waders) and narrow
* Channel connected to furthest downstream area of Wiseman Creek on SLT property
* Very low but nonzero velocity
* One Chinook observed at bridge

Bridge over Wiseman Creek where Chinook observed

Description automatically generated

* Finished survey at upstream end on SLT property where significant cover in channel but no visible fish

Upstream extent of reach where significant overhang but no fish observed

Description automatically generated

* Solinst level logger 2136247 with t-post and PVC housing installed at 16:03 downstream from the bridge on LB reed canary grass cove easily in line of sight from bridge but hidden by grass, gage at 0.73, 48.51542, -122.13810.
* And temperature logger 21063852 in solar shield wired to same housing, same lat/long.
* Loggers in a LB pocket behind some grass.

A picture containing tree, outdoor, red

Description automatically generated



6/10/2021

* Boat reconnaissance
* Couldn’t get boat close enough to mouth to assess connectivity

A body of water with trees in the background

Description automatically generated with medium confidence

6/23/2021

* Loggers present, string length 1.44 m, gage height 0.66 m.

8/18/2021

* Attempted snorkel survey but visibility terrible
* Habitat data collected only, no snorkel survey
* Possibly good spot to e-fish in September
* Water column appears to be very stratified, took measurements at the top and bottom
* Bottom DO readings may not be accurate because of suspended silt
* WPT 253 – DO logger installed on RBK in low hanging cluster of branches about 40 ft upstream from bridge

9/20/2021

* Checked conditions of site from the bridge to see if could e-fish later in the week
* Water looked clearer than last time
* Temp: 13.5°C / DO: 1.61 mg/L

9/21/2021

* Retrieved DO logger to move to site Z

A picture containing tree, outdoor, nature, river

Description automatically generated

9/22/2021

* Boat reconnaissance
* Can’t access outlet – in sketchy side channel with lots of large wood

A picture containing outdoor, water, tree, nature

Description automatically generated

10/6/2021

* Logger retrieval
* Removed level logger 3:45 pm, housing submerged, gage height 0.61 m
* Removed temperature logger 3:45 pm, pendant submerged
* Water still very turbid, no fish observed
* Connectivity unknown because on private property closer to outlet