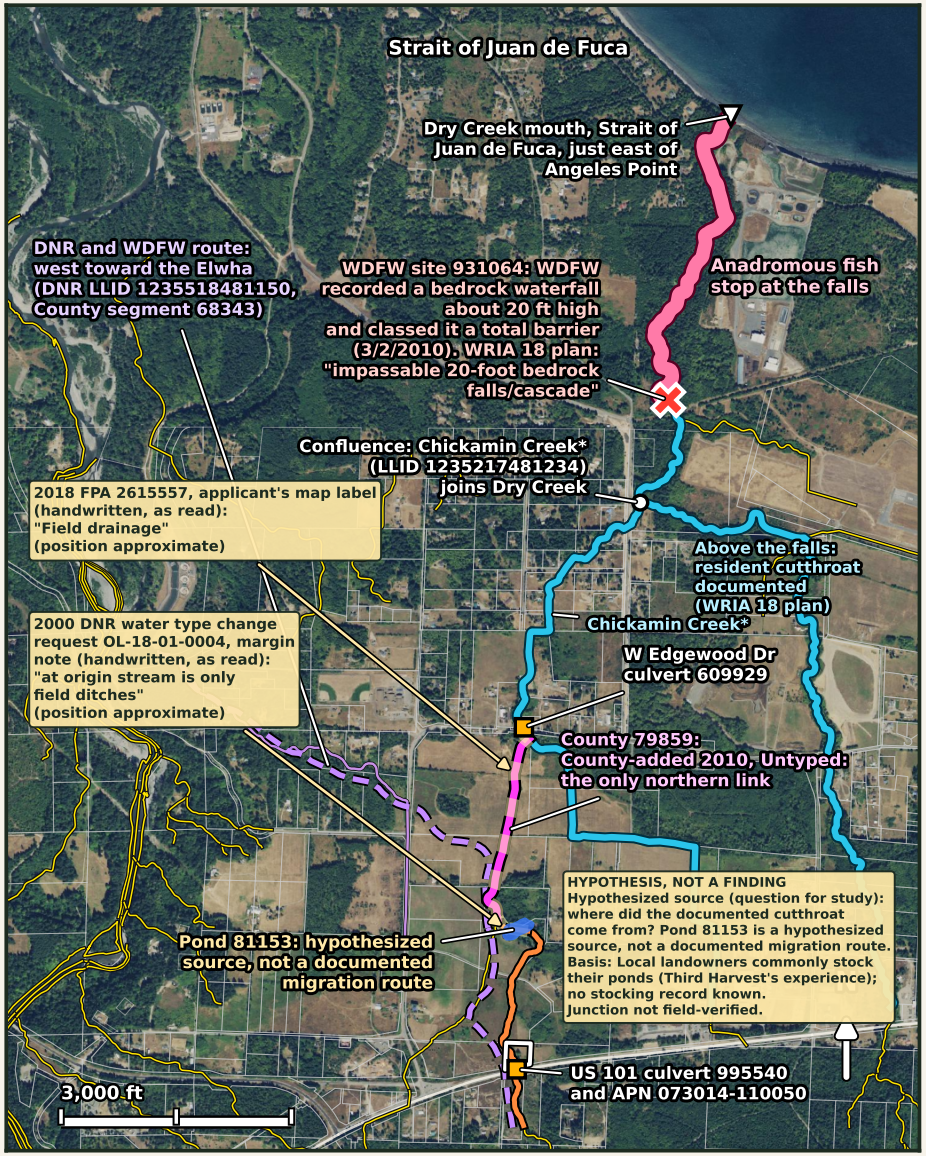
THIRD HARVEST

The Downstream Record: A Total Barrier Below the System

Clallam County Critical Areas | GIS briefing

US 101 culvert 995540 to the Strait: the branch's two recorded routes, Chickamin Creek (as named in WDFW record 609929), Dry Creek and WDFW barrier 931064



KEY

- Dry Creek below the falls: reach open to anadromous fish
- WDFW 931064: natural barrier, bedrock falls about 20 ft, Total (WDFW, 3/2/2010)
- SalmonScape coastal cutthroat line (Dry Creek above falls; Chickamin Creek*, LLID 1235217481234)
- County stream layer: branch north (79960, 83842, 83841)
- County 79859: added 2010, Untyped
- DNR hydrography: branch routed west (LLID 1235518481150); thin line is County segment 68343 on that route
- HYPOTHESIS, NOT A FINDING: hypothesized source, not a documented migration route (pond 81153)
- Pond, County layer (OBJECTID 81153)
- Culverts 995540 and 609929
- Confluence with Dry Creek
- Dry Creek mouth
- Field-drainage records (handwritten)
- Other County mapped stream lines
- Parcel 073014-110050

WHAT THE RECORDS SHOW

- At 931064, WDFW recorded a bedrock waterfall about 20 ft high and classed it a total barrier (3/2/2010). It sits about 1,800 ft below the confluence, between the Strait and the whole Edgewood system. The WRIA 18 plan calls it "impassable 20-foot bedrock falls/cascade."
- The plan also records "a resident population of cutthroat trout above the falls." SalmonScape lines for some anadromous runs extend above the falls, which conflicts with WDFW's barrier record.
- The records disagree on where the 995540 branch drains. DNR hydrography and the WDFW culvert record ("unnamed Elwha R trib") route it west. USGS NHD and the County layer carry it north; in the County layer the northern link is 79859, added by the County in 2010 and left untyped.
- Callout positions are approximate; both labels are handwritten and read as best as possible.

*Chickamin Creek: name as given in WDFW record 609929; USGS NHD and County layers leave this line unnamed.

Sources: WDFW FPDSI site reports 931064 (natural barrier, 3/2/2010), 995540, 609929; WDFW SWIFD (SalmonScape) layer 14, LLIDs 1235193481349 (Dry Creek) and 1235217481234. WRIA 18 Watershed Plan (ENTRIX), ch. 2.5, Clallam County. DNR Forest Practices Water Type layer; DNR WTMF OL-18-01-0004 (2000); DNR FPA 2615557 (2018). Clallam County Streams layer (79960, 83842, 83841, 79859, 68343; pond 81153). USGS NHDPlus HR. Parcels: Clallam County Parcels_Published. Imagery: USDA NAIP via USGS The National Map, public domain. EPSG:2926. Distances are GIS estimates along the SalmonScape Dry Creek line, not survey-grade.