

Survey Details

Project	Neil Creek 2.0 Phase 1
Survey Start Date	June 5, 2025
Survey Start Time	12:33
Weather	Clear
Antecedent Conditions	Dry
Discharge at Time of Survey	13.42 cfs (data from NCDO stream gage)
Discharge Characterization	Summer Flow-High
Restoration Actions Applied	LWM, Reveg, Fencing, OCW
Surveyors	Katelyn Detweiler, Taylor Owen, Sarah Elvington

Mainstem LW Performance Assessment

LW Performance Assessment

Overall, is the large wood providing habitat diversity and complexity for juvenile salmonids?	Always or Nearly Always-LW at current discharge is providing an abundance of cover, flow complexity, and depth at all or nearly all sites
Overall, is the mainstem large wood providing WUA for juvenile salmonids?	Always or Nearly Always-LW and discharge is providing zero to near zero velocity habitat greater than 18" at nearly all sites
Number of Pools Sampled	7
Average Residual Pool Depth (feet)	1.7
Average Pool Tailout Depth (feet)	0.8

Side Channel Performance Assessment

Did this site include side channel enhancement?	No
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Fish Passage/Crossing Performance Assessment

Did this site receive fish passage enhancement as a restoration action?	No
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General Notes

Notes	LW structures continue to function as intended. Some fresh beaver browse was observed and wildlife are active in the adjacent riparian area.
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Opportunistic Photo Points (1 Item)

Opportunistic Photo Points - 1. Naturally recruited LW with root fan attached is providing additional habitat complexity on downstream end of structure #132+45.

Representative Project Reach Photo



Photo Caption

Naturally recruited LW with root fan attached is providing additional habitat complexity on downstream end of structure #132+45.

Survey End Date

June 5, 2025

Survey End Time

13:30