CRWP Salmon Blitz Stream Survey

Names of Observers: Ron Anderson, Kara Johnson, Kate Morse — Date: 9/28/13

Stream Name/Place: Heney Creek — Time: 2:30pm

Mainstem Name: n/a — Site pictures #:

Weather conditions: clear, calm, sunny — Air Temp: 11.1 °C

Rain in the past 24 hours ☐ yes ☐ no — Rain in the past 48 hours ☒ yes ☐ no

Stream Stage High ☐ Medium ☒ Low ☐
Wetland (no defined channel) ☐
Beaver complex ☐

Stream Measurements	m1	m2	m3	Avg.
Stream width (OHW)	6.7m	7.95m	7.4m	m
Max depth	0.37m	0.34m	0.32m	m

Substrate Size-- Picture #: 117, 118
(% stream bottom that each size represents)

silt, clay, mud, organics	
sand < 2.5 mm	1
gravel 2.5 - 50 mm	33
cobble 5 -25 cm	33
boulder > 25 cm	33
solid bedrock	
Consolidation:	
Does the substrate move easily?	Yes ☒ No ☐

Water Quality--Picture #: 117, 118

Water temperature 7.0 °C

pH 6.5

Water color clear ☒ glacial ☐ muddy ☐
feric ☐ humic ☐

barrier 6.9°C, 6.6pH

Habitat Elements--Picture #: 119

Large woody debris (> 6 in)	abundant ☒	moderate ☐	sparse ☐	none ☐
Large boulders (trap 2, pic #103)	abundant ☒	moderate ☐	sparse ☐	none ☐
Undercut banks (trap # 8?)	abundant ☐	moderate ☐	sparse ☒	none ☐
Overhanging vegetation	abundant ☐	moderate ☒	sparse ☐	none ☐

Side channels present yes ☒ no ☐ Streamside wetlands present yes ☐ no ☒

A lot of erosive features (pic 4e bottom of pg)

Riparian Vegetation (check all that apply) Unvegetated ☐ Grassland or bog (<10% tree cover) ☐

Picture #: 120 Shrubby/Herbaceous ☐ Deciduous ☒ Conifer ☒

Alders Present abundant ☐ moderate ☒ sparse ☐ none ☐

BARRIER (2.3ft drop) N60.52371 W145.76642

Any land use or other stream impacts observed (please take pictures and GPS locations) pipe remnants (>12" diameter) gabion wire 5 gallon buckets electrical wire? wire, steel old machinery

Any other observations (wildlife) dead cat on way to HEN1 varied thrush shorebird - pics 151-154 habitat erosion pics 166 (last) - habitat erosion

Sat. noticed stream went subsurface. Sun. - even higher up a reach went sub-surface (trap 4) - on way out found 5 dead Dolly (?) fry on gravel where Tree had been water yesterday. collected.

Idea - extra data sheet, smaller ziplocks, frame pack

164? + 167

CRWP Salmon Blitz Fish Survey

Names of Observers: Ron Andersen, Kara Johnson, Kate Morse

Date & Time set: 9/28/13 2:30pm

Stream Name or Place Description: Heney Creek

Date & Time retreived: 9/29/13 11:13 AM

Gear Type MT, Seine, Dip net, Visual	Trap or Seine set #	Latitude (N) (ddd.ddddd°)	Longitude (W) (ddd.ddddd°)	Habitat Unit pool, riffle, run, pond, slough	Species	Life Stage (A or J)	Count	Fork Length (mm)	Comments
MT	1	60.52298	145.78365	pool	Ø		0		under bridge, rip rap
	2	60.52316	145.78256	pool	0	fish carcas present			pool below large woody debris
	3	60.52305	145.78177	pool	coho	J	2	50mm	125-129 pics, Kate has one pic 71-72
	4	60.52288	145.78033	side channel pool	coho	J	1	56mm	卌 卌 1 卌 卌
	4			"	"	J	1	37mm	pics 130-140
	4			"	"	J	1	45mm	
	4			"	"	J	1	57mm	
	4			"	"	J	1	34mm	
	4			"	"	J	16	—	
	5	60.52314	145.77760	side channel pool	coho	J	1	54mm	pics 141-147 erosive features observed
	5	"	"	"	dolly?	J	1	47mm	collected [illegible] carcas just downstream
	6	60.52306	145.77463	large woody debris pool	dolly?	J	1	37mm	collected specimen Rict 148, 149
	7	60.52275	145.77301	run	0		0		pic 150
	8	60.52315	145.77042	larg woody debris pool	dolly	J	2	89mm	pic 155-160, 157-160 fish 2
	9	60.52320	145.76767	pool	0		0		pic 161
	10	60.52320	145.76659	side pool	0		0		pic 162-163