State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Anadromous Waters Catalog

Region: Southcentral

USGS Quad(s): Cordova C-5

Anadromous Waters Catalog Number of Waterway: 221-10-10040

Name of Waterway: Heney Creek

☑ USGS Name ☐ Local Name

☑ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

Nomination #	13-624		
Revision Year:	2014	Fisheries Scientist	10/29/13 Date
Revision to: Atlas		Habitat Operations Manager	10/29/13 Date
Both	X	AWC Project Biologist	10/3/13 Date
Revision Code:	A-1, B-1, B-2	Cartographer	10/3/13 Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
pink salmon	08/07/2013	✓			✓
coho salmon	09/29/2013		✓		✓

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments: Extend stream add coho salmon present/rearing and pink salmon present/spawning

For the pink salmon survey, the stream was walked starting at the houses below the bridge to the beginning of the canyon by myself and 3 community volunteers. Below the bridge, water was subsurface with intermittent pools. Above bridge, connected surface flow was observed. 165 pink salmon were counted from a downstream pt (60.52262, -145.78316) to an upstream pt (60.52349, -145.77399). Active spawning was observed including digging of redds and territorial behavior.
For the juvenile coho salmon survey, 10 minnow traps were set above the bridge for approximately 20 hours. 24 juvenile coho salmon were caught from a downstream pt (60.52305, -145.78177) to an upstream pt (60.52314, -145.7776).
See attached files for more information. AWC: 221-10-10040

Name of Observer (please print): kirsti jurica

Signature: 146.63.61.200 (Web Nomination) Date: 09/30/2013

Agency:

Address: po box 754

cordova, AK 99574

This certifies that in my best professional judgment and belief the above information is evidence that this waterbody should be included in or deleted from the Anadromous Waters Catalog.

Signature of Area Biologist: _____ Date: _____ Revision 02/08

Name of Area Biologist (please print):

Date	Location	Stream name	AWC #	Observers	Gear Type	Trap or set Id	Lat	Long	Habitat Unit	Set Time (hrs)	Species	Life stage	Total	Fork length
9/29/2013	Cordova	Heney Creek	221-10-10040	SB volunteers	MT	T1	60.52298	-145.78365	pool	20.75	none		0	
9/29/2013	Cordova	Heney Creek	221-10-10040	SB volunteers	MT	T2	60.52316	-145.78256	pool	20.75	none		0	
9/29/2013	Cordova	Heney Creek	221-10-10040	SB volunteers	MT	T3	60.52305	-145.78177	pool	20.75	CO	j	1	50
9/29/2013	Cordova	Heney Creek	221-10-10040	SB volunteers	MT	T3	60.52305	-145.78177	pool	20.75	CO	j	1	
9/29/2013	Cordova	Heney Creek	221-10-10040	SB volunteers	MT	T4	60.52288	-145.78033	side chnl	20.75	CO	j	1	56
9/29/2013	Cordova	Heney Creek	221-10-10040	SB volunteers	MT	T4	60.52288	-145.78033	side chnl	20.75	CO	j	1	37
9/29/2013	Cordova	Heney Creek	221-10-10040	SB volunteers	MT	T4	60.52288	-145.78033	side chnl	20.75	CO	j	1	45
9/29/2013	Cordova	Heney Creek	221-10-10040	SB volunteers	MT	T4	60.52288	-145.78033	side chnl	20.75	CO	j	1	57
9/29/2013	Cordova	Heney Creek	221-10-10040	SB volunteers	MT	T4	60.52288	-145.78033	side chnl	20.75	CO	j	1	34
9/29/2013	Cordova	Heney Creek	221-10-10040	SB volunteers	MT	T4	60.52288	-145.78033	side chnl	20.75	CO	j	16	
9/29/2013	Cordova	Heney Creek	221-10-10040	SB volunteers	MT	T5	60.52314	-145.7776	side chnl	20.75	CO	j	1	54
9/29/2013	Cordova	Heney Creek	221-10-10040	SB volunteers	MT	T5	60.52314	-145.7776	side chnl	20.75	DV	j	1	47
9/29/2013	Cordova	Heney Creek	221-10-10040	SB volunteers	MT	T6	60.52306	-145.77463	LWD pool	20.75	DV	j	1	37
9/29/2013	Cordova	Heney Creek	221-10-10040	SB volunteers	MT	T7	60.52275	-145.77301	run	20.75	none		0	
9/29/2013	Cordova	Heney Creek	221-10-10040	SB volunteers	MT	T8	60.52315	-145.77042	LWD pool	20.75	DV	j	1	89
9/29/2013	Cordova	Heney Creek	221-10-10040	SB volunteers	MT	T8	60.52315	-145.77042	LWD pool	20.75	DV	j	1	
9/29/2013	Cordova	Heney Creek	221-10-10040	SB volunteers	MT	T9	60.5232	-145.76767	pool	20.75	none		0	
9/29/2013	Cordova	Heney Creek	221-10-10040	SB volunteers	MT	T10	60.5232	-145.76659	pool	20.75	none		0	

CRWP Salmon Blitz Stream Survey

Names of Observers: Ron Andersen, 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 ☐

beaver 6.9°C, 6.6pH

Habitat Elements--Picture #: 119

Large woody debris (> 6 in)	abundant ☒	moderate ☐	sparse ☐	none ☐
trap 2 pic #103 Large boulders	abundant ☒	moderate ☐	sparse ☐	none ☐
top # 97 Undercut banks	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 (p. 11 & e 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 ☐

BARR 192 (22+3ft drop) N60.52371 W145.76642

Any land use or other stream impacts observed (please take pictures and GPS locations) pipe remnants (>12" diameter) garbage bag, 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 116 (lot) - habitat erosion

116 (lot) - extra data sheet, smaller ziplocks, frame pack

Salt infected stream water, stick near sun, electrical wire, a teach, water silt, surface (trap 1), on way out found 5 dead fish (?) for reference. Know time and land water watershed. collected.

CRWP Salmon Blitz Fish Survey

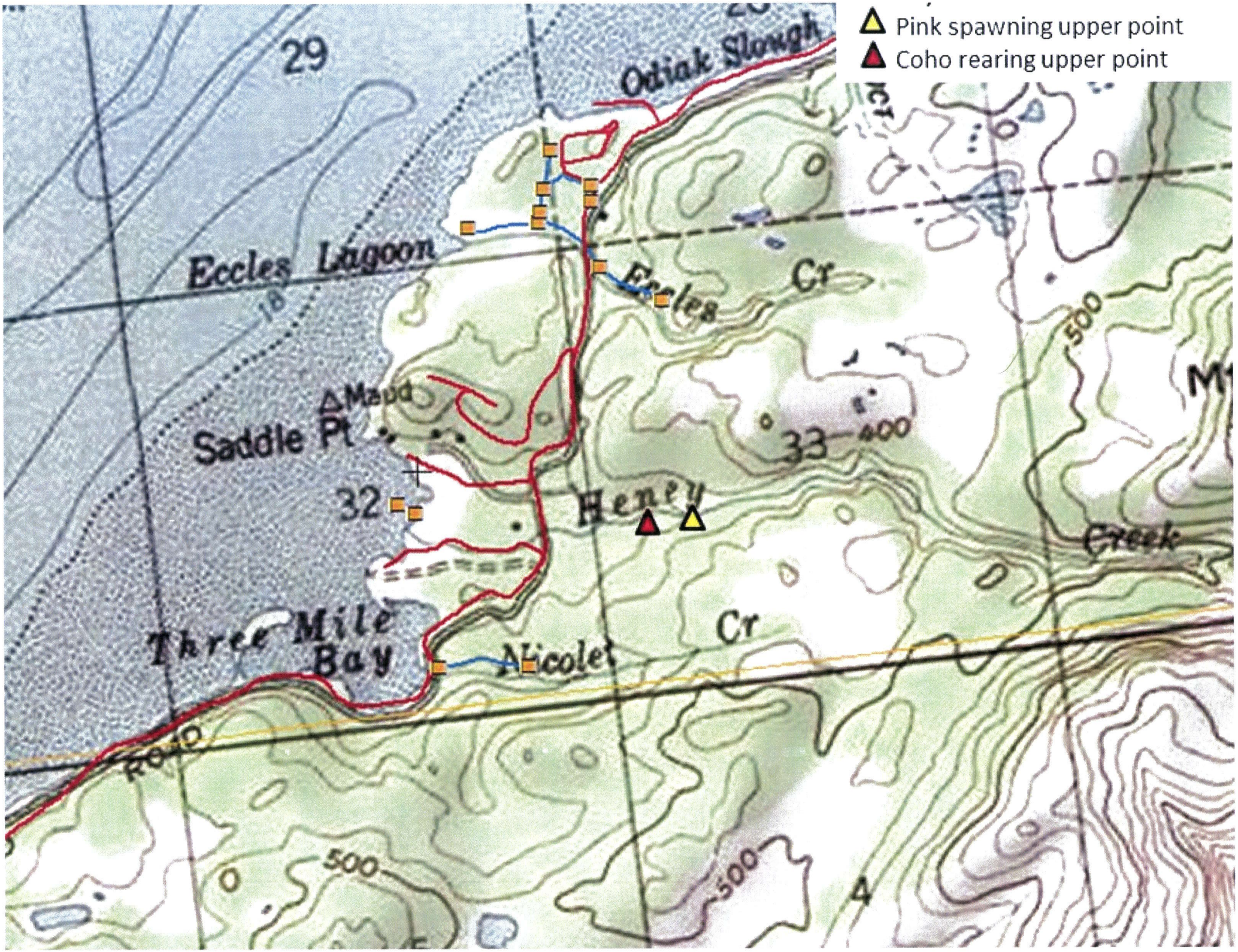
Names of Observers: Ron Andersen, Kara Johnson, Kate Morse

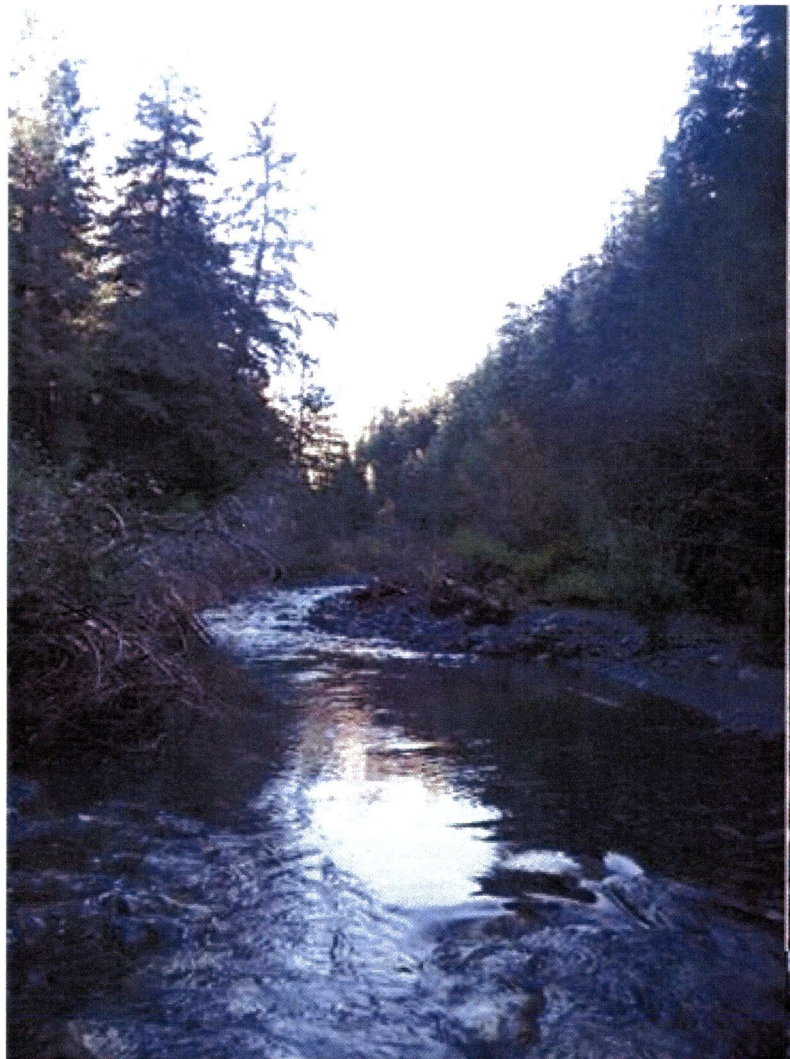
Date & Time set: 9/28/13 2:30pm

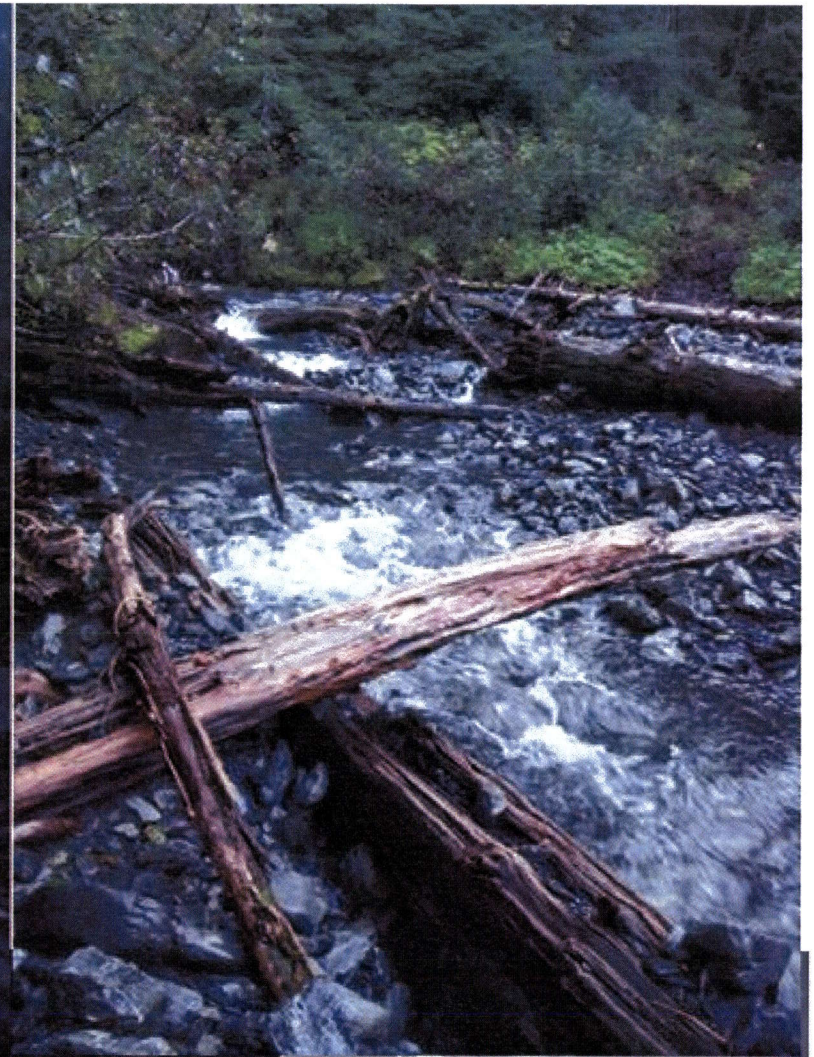
Stream Name or Place Description: Heney Creek

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

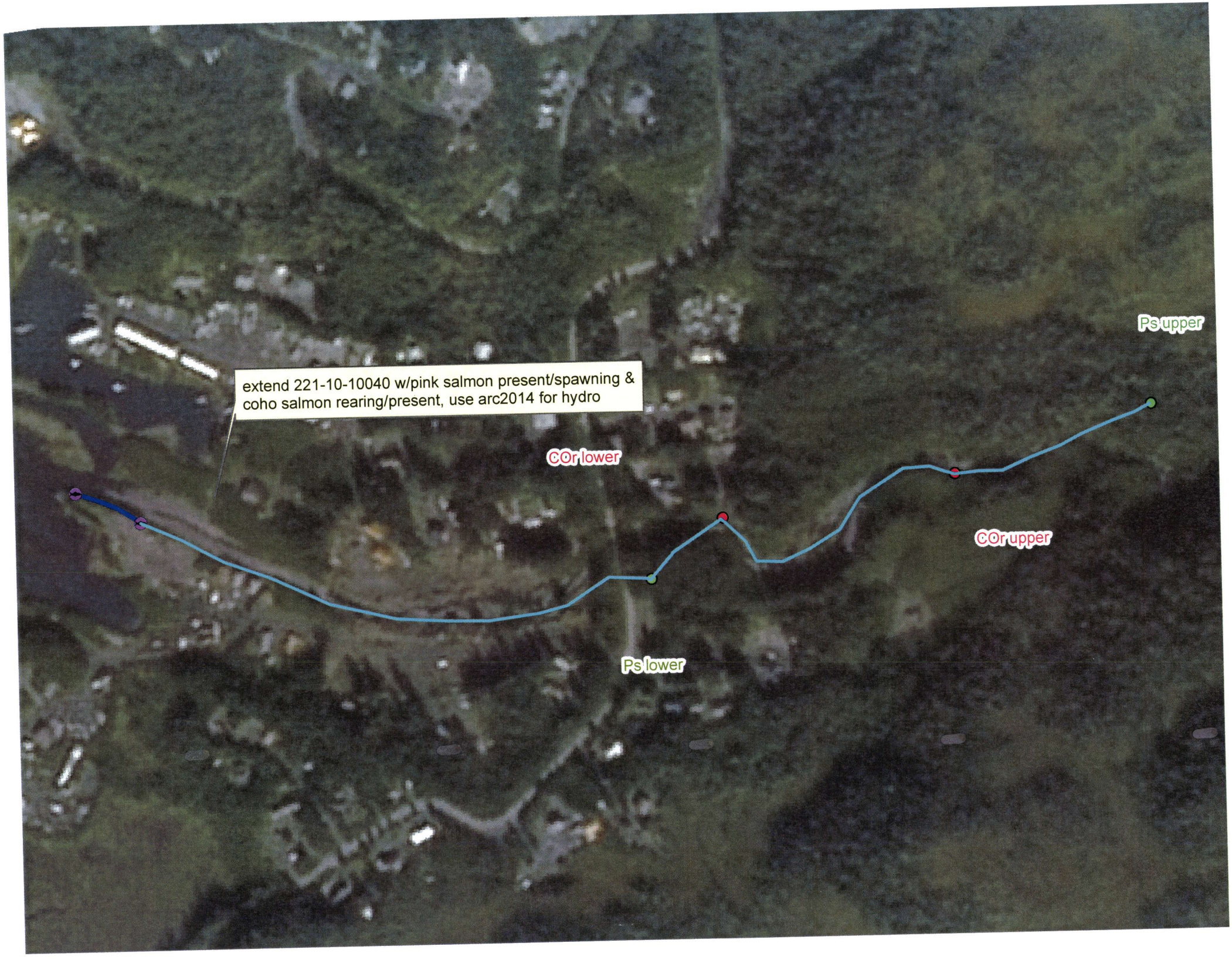
Gear Type MT, Seine, Dip net, Visual	Trap or Seine set #	Latitude (N) (ddd.ddddd°)	Longitude (W) (ddd.ddddd°)	Habitat Unit pool, riffle, run, pond, slough	Species	Life Stage (A or J)	Count	Fork Length (mm)	Comments
MT	1	60.52295	145.78365	pool	Ø		0		under bridge, riprap
	2	60.52316	145.78256	pool	0	fish 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	~~IIII~~ ~~IIII~~ I ~~IIII~~
	4			"	"	J	1	37mm	pics 130-140
	4			"	"	J	1	45mm	
	4			"	"	J	1	57mm	
	4			"	"	J	1	34mm	
	4			"	"	J	0	—	
	5	60.52314	145.77760	side channel pool	coho	J	1	54mm	pics 141-147 [illegible]
	5			"	dolly?	J	1	47mm	
	6	60.52306	145.77463	large woody debris pool	dolly?	J	1	37mm	collected specimen [illegible] 148 149
	7	60.52275	145.77301	run	0		0		pic 150
	8	60.52315	145.77042	large 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


Pink spawning upper point
Coho rearing upper point
29
Odiak Slough
Eccles Lagoon
Eccles Cr
Maud
Saddle Pt
32
33
Henell
Creek
Three Mile Bay
Nicolet Cr
500
400
4





Heney Creek
Cordova, AK
photos taken on 9/29/2013


extend 221-10-10040 w/pink salmon present/spawning &
coho salmon rearing/present, use arc2014 for hydro
COr lower
Ps upper
COr upper
Ps lower