State of Alaska
Department of Fish and Game
Division of Sport Fish

Nomination Form
Anadromous Waters Catalog

Region: Southeastern

USGS Quad(s): Petersburg A-1

AWC Number of Water Body: 107-30-10300 -2200

Name of Water body: Thomas Creek

☒ USGS Name ☐ Local Name

☒ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

Nomination #	150066	James J Hasbrouck, Fisheries Scientist	5/8/2015 Date
Revision Year:	2016	Habitat Operations Manager	5/8/15 Date
Revision to: Atlas ____ Catalog ____ Both ✓		AWC Project Biologist	28 Apr 15 Date
Revision Code:	A-2	GIS Analyst	5/13/15 Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho salmon	07/14/2014		✓	✓	☑
cutthroat trout	07/14/2014			✓	☐
coho salmon	08/28/2014		✓	✓	☑
					☐
					☐

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
Upper 500' of reach: 3 coho fry; 3 cutthroat juveniles; electroshocked 15 minutes
Lower 1000' above confluence: uncounted number of coho fry observed during casual foot survey
Habitat terminated at 2-foot perch of culvert 6299-5.147.
Add new stream w/ coho salmon rearing

Name of Observer (please print): Dennis H. Reed
Signature: Dennis H. Reed
Date: 01/08/2015
Agency: USFS, Tongass NF, Wrangell RD
Address: POB 51, 525 Bennett Street
Wrangell, AK 99929

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: _____
Name of Area Biologist (please print):

Revision 11/13

JAN 08 2015
ALASKA DEPT. OF FISH & GAME

1	Road Number	RTE_NO	6299	6299	6299
2	Milepost	MP	2.226 (0.000 mi.)	2.098 (0.000 mi.)	2.147 (0.000 mi.)
3	Road System	SYS	WRG	WRG	WRG
4	Sampling Crew	CREW	D Reed	D Reed	D Reed
5	Date	DATE	7 / 11 / 2014	7 / 11 / 2014	7 / 14 / 2014
6	Feature	FEAT	CP	CP	CP
7	Parameter	PRM	DR NS SC	DR NS SC	DR NS SC
8	Height	HGT	26 (inches)	2 (inches)	24 (inches)
9	Width	WID	36 (inches)	36 (inches)	36 (inches)
10	Length	LEN	33 (feet)	50 (feet)	75 (feet)
11	Inlet Miter Length	MITER_I	0 (feet)	(feet)	0 (feet)
12	Outlet Miter Length	MITER_O	0 (feet)	(feet)	0 (feet)
13	Material	MATERIAL	ST AL PL CC	ST AL PL CC	ST AL PL CC
14	Corrugation Size	CORRUG	2 2/3x1/2 3x1 5x1 6x2	2 2/3x1/2 3x1 5x1 6x2	2 2/3x1/2 3x1 5x1 6x2
15	Outlet Condition	OUTLET_C	SG CR FP FR OA O	SG CR FP FR OA O	SG CR FP FR OA O
16	Entrance Type	ENT	PRO STB MIT FLU FLA	PRO STB MIT FLU FLA	PRO STB MIT FLU FLA
17	% Block	BLK	0 %	0 %	0 %
18	% Structure Damage	SD	0 %	0 %	0 %
19	Skew Angle	SKEW	17 degrees	14 degrees	22 degrees
20	Diversion Potential	DIV	Y N	Y N	Y N
21	Failure 1	FAIL_1	N/A	N/A	N/A
22	Failure 2	FAIL_2	N/A	N/A	N/A
23	Bedwidth Upstream	B_US	2.7 (+/- 0.05')	4.6 (+/- 0.05')	8.6 (+/- 0.05')
24	Upstream Gradient	U_GD	21 %	4 %	15 %
25	Downstream Gradient	D_GD	21 %	10 %	12 %
26	Channel Type	CHT	US= HC DS= HC	US= HC DS= HC	US= HC DS= HC
27	Fish Habitat	HAB	U D B N	U D B N	U D B N
28	Sampling Method	SMP	E M V O N	E M V O N	E M V O N
29	Silver Salmon	SS	D U B N	D U B N	D U B N
30	Cutthroat	CT	D U B N	D U B N	D U B N
31	Dolly Varden	DV	D U B N	D U B N	D U B N
32	Steelhead	SH	D U B N	D U B N	D U B N
33	Chum Salmon	CS	D U B N	D U B N	D U B N
34	King Salmon	KS	D U B N	D U B N	D U B N
35	Pink Salmon	PS	D U B N	D U B N	D U B N
36	Red Salmon	RS	D U B N	D U B N	D U B N
37	Sculpin	SC	D U B N	D U B N	D U B N
38	Rainbow	RB	D U B N	D U B N	D U B N
39	Stickleback	SB	D U B N	D U B N	D U B N
40	Unidentified	UN	D U B N	D U B N	D U B N
41	Stream Class	AHMU	US= 4 DS= 2	US= 2 DS= 2	US= 1 DS= 1
42	Height of Instrument	HI	4.23 (+/-0.025')	4.77 (+/-0.025')	5.15 (+/-0.025')
43	Road surface Elev	RS_P1	1.62 (+/-0.025')	[illegible] (+/-0.025')	[illegible] (+/-0.025')
44	Top of Culvert @ Inlet	TC_I_P2	7.65 (+/-0.025')	9.64 (+/-0.025')	12.93 (+/-0.025')
45	Culvert Invert @inlet	CII_P3	9.50 (+/-0.025')	12.60 (+/-0.025')	17.95 (+/-0.025')
46	Culvert Opening @ Inlet	CO_I	2.80 (+/-0.05')	[illegible] (+/-0.05')	5.05 (+/-0.05')
47	Rust Line Height	RUST_L	1.1 (0.1')	1.03 (0.1')	2.05 (0.1')
48	Inlet Grade Elev 1	IGC_P4	9.6 (+/-0.025')	2 (+/-0.025')	16.40 (+/-0.025')
49	Inlet Grade Elev 1 dist	IGC_P4_d	3 (0.1')	3 (0.1')	8.7 (0.1')
50	Inlet Grade Elev 2 (optional)	IGC_P5	(+/-0.025')	— (+/-0.025')	— (+/-0.025')
51	Inlet Grade Elev 2 distance	IGC_P5_d	(0.1')	— (0.1')	— (0.1')
52	Top of Culvert @ Outlet	TC_O_P6	8.95 (+/-0.025')	11.63 (+/-0.025')	~21 (+/-0.025')
53	Culvert Outlet Invert	COI_P7	11.[illegible] (+/-0.025')	14.65 (+/-0.025')	~26.0 (+/-0.025')
54	Culvert Opening @ Outlet	CO_O	2 (+/-0.05')	3.0 (+/-0.05')	5 (+/-0.05')
55	Pool Depth 6" from Outlet	PD_P8	12.80 (+/-0.025')	16.[illegible] (+/-0.025')	~28.7 (+/-0.025')
56	Water Surface @ Outlet	TOW_CO_P9	13.27 (+/-0.025')	18.[illegible] (+/-0.025')	~30.3 (+/-0.025')
57	Water Surface @ Tailcrest	WSE_P10	(+/-0.025')	[illegible] (+/-0.025')	[illegible] (+/-0.025')
58	Tailcrest Elevation	TC_P11	(+/-0.025')	[illegible] (+/-0.025')	[illegible] (+/-0.025')
59	Ordinary High Water Elevation	OHW_O_P12	12.73 (+/-0.025')	15.80 (+/-0.025')	[illegible] (+/-0.025')
60	Downstrm Grade Elevation	DCS_P13	21.04 (+/-0.025')	18.90 (+/-0.025')	[illegible] (+/-0.025')
61	Downstrm Grade H2O Elev	DCS_P14_ws	20.74 (+/-0.025')	18.75 (+/-0.025')	[illegible] (+/-0.025')
62	Tailcrest distance	TC_P11_d	[illegible] (0.1')	[illegible] (0.1')	21.2 (0.1')
63	Downstrm Grade Elev distance	DCS_P13_d	12.6 (0.1')	16.3 (0.1')	[illegible] (0.1')
64	Bedwidth @ Tailcrest	B_TC	(+/-0.025')	N/A (+/-0.025')	10.4 (+/-0.025')
65	Ordinary High Water Width	OHW_W	5.0 (+/-0.025')	6.7 (+/-0.025')	[illegible] (+/-0.025')
66	Bedload Cover	BLD_C	0 %	0 %	0 %
67	Culvert Bedload Type 1	BLD_T_1	N AM OR SL SD GR CO BO B	N AM OR SL SD GR CO BO B	N AM OR SL SD GR CO BO B
68	Culvert Bedload Type 1	BLD_T_2	N AM OR SL SD GR CO BO B	N AM OR SL SD GR CO BO B	N AM OR SL SD GR CO BO B
69	Culvert Bedload Type 1	BLD_T_3	N AM OR SL SD GR CO BO B	N AM OR SL SD GR CO BO B	N AM OR SL SD GR CO BO B
70	Upstream Substrate 1	U_SB_1	N AM OR SL SD GR CO BO B	N AM OR SL SD GR CO BO B	N AM OR SL SD GR CO BO B
71	Upstream Substrate 2	U_SB_2	N AM OR SL SD GR CO BO B	N AM OR SL SD GR CO BO B	N AM OR SL SD GR CO BO B
72	Upstream Substrate 3	U_SB_3	N AM OR SL SD GR CO BO B	N AM OR SL SD GR CO BO B	N AM OR SL SD GR CO BO B
73	Photograph	PIC	photo record # = N	photo record # = N	photo record # = N

stop if fish habitat = N

stop if stream class US = 3,4,5

NOTES

vertical barrier

2205 ID

2810

2147

barrier US

photos

2110 ID

2111

2112

2114 US culvert

2115

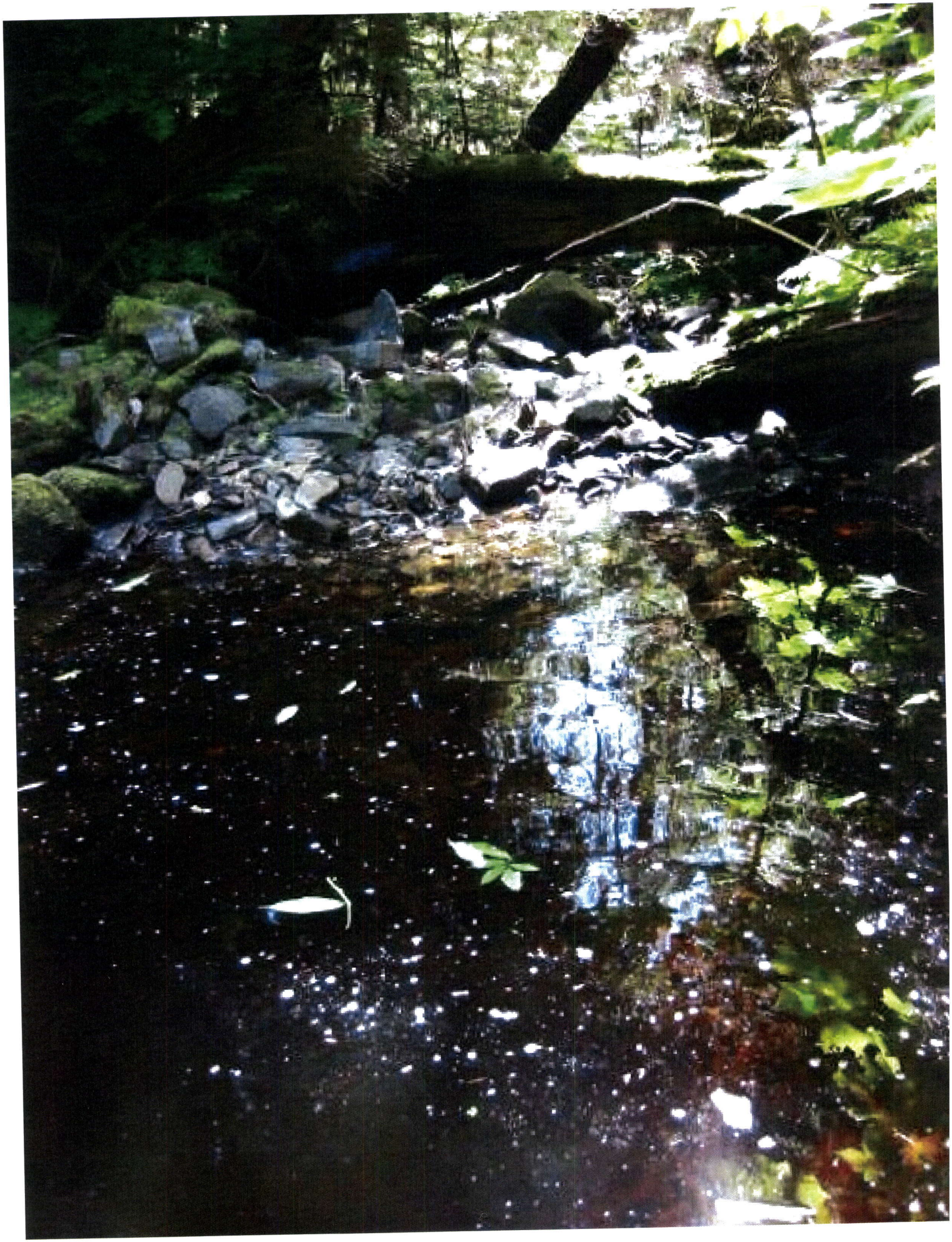
2116 w3? perch

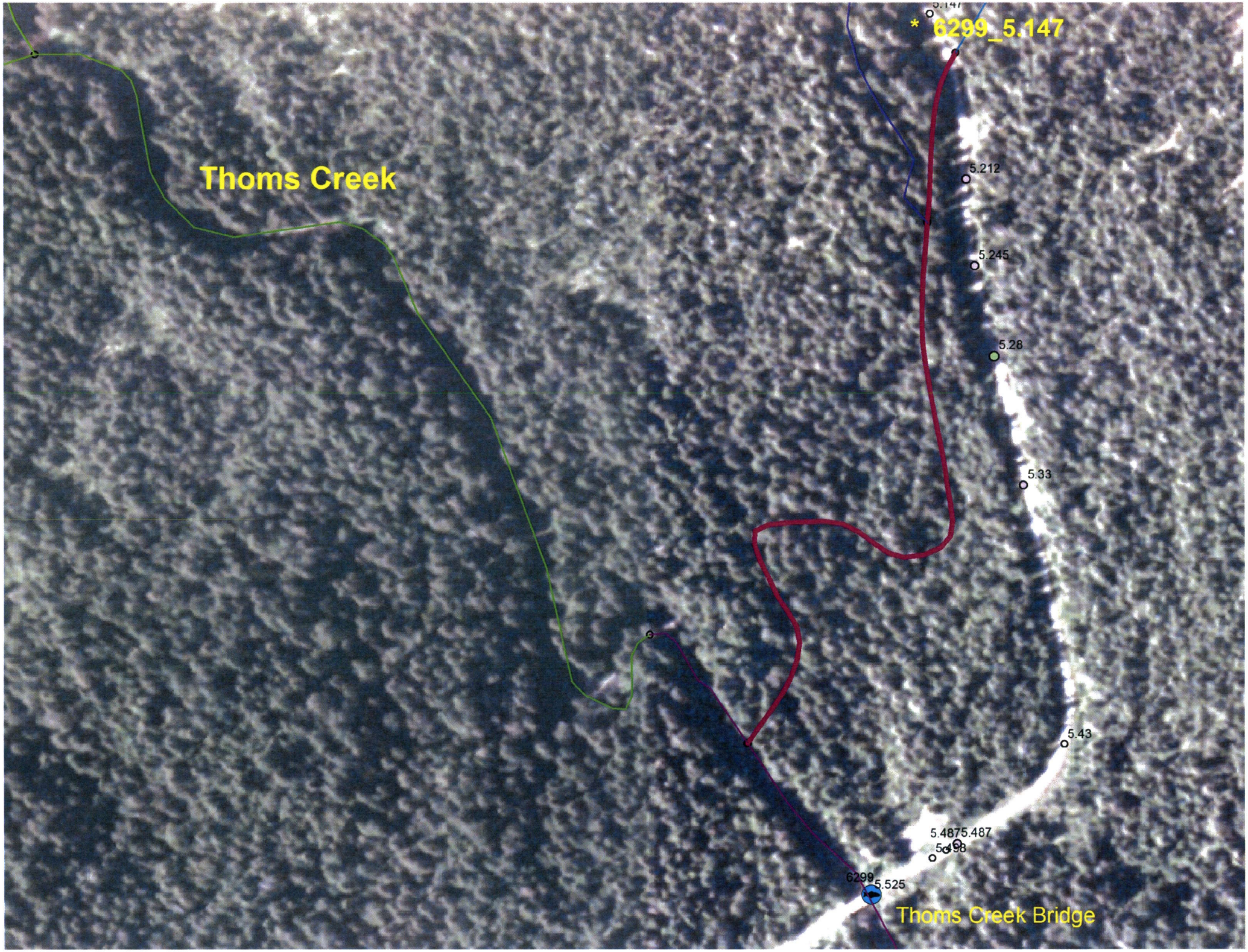
2117 HPC

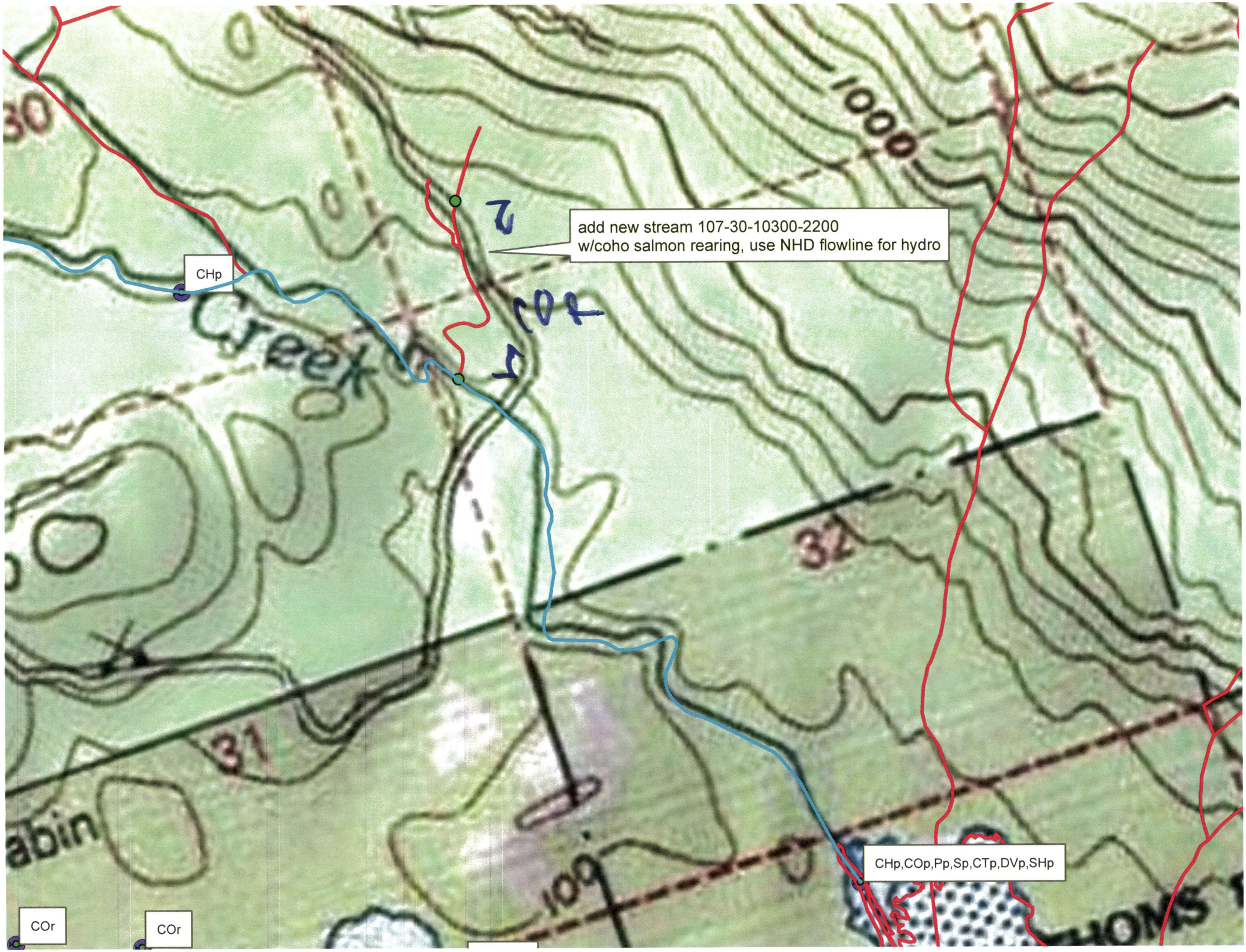
2118 view of pipe from above

3 coho yay

0.226




* 6299_5.147
Thoms Creek
5.212
5.245
5.28
5.33
5.43
5.487
5.525
6299
Thoms Creek Bridge


add new stream 107-30-10300-2200
w/coho salmon rearing, use NHD flowline for hydro
CHp
Creek
1000
32
31
100
CHp,COp,Pp,Sp,CTp,DVp,SHp
COr
COr