

CDFG
Eureka Files

File Prairie Creek

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Field note copies for cutthroat trout study in Prairie Creek

David McLeod,

Enclosed are my field notes for e-fish sampling performed August through October of 2000. Sampling within my lower study reaches on Prairie (LPC), Steelow (LSC) and Boyes (LBC) Creeks was coordinated with the coho salmon population estimate performed by the Fisheries Coop. All sampling periods are performed within the same study reaches as the first sampling, and using the same methodology. Most were sampled with a single pass, others were sampled with three passes to calibrate single pass units. I have enclosed a coarse map of the basin with sampling locations highlighted.

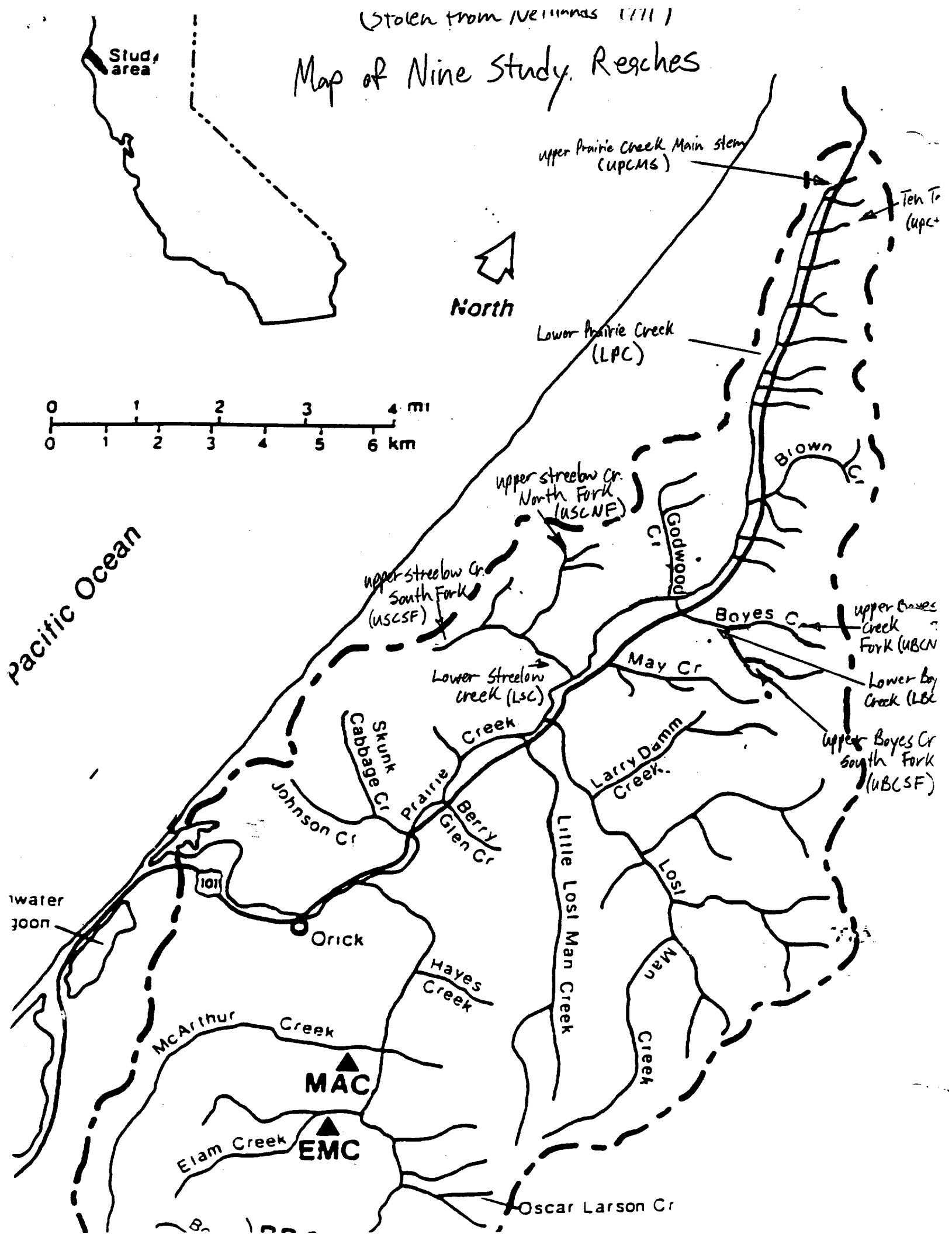
Regarding not using the CDF&G e-fishing form, I am still planning to forward to your department both a hard copy and an electronic copy of all (entire project) electrofishing information in a statistical spreadsheet (excel) as per my last correspondence in July 2000. This would allow statistical manipulation, greater organization, and you would also have a copy of the actual data sheets used in the field for reference, which often contain important observations. I should have all data and metadata updated and organized by March 2001. I will forward a CD of this data then. I am still planning to complete my thesis by August 2001 and I will also forward you a copy.

Steve Tussing

dt/la

Stolen from Wetlands (1971)

Map of Nine Study Reaches



E-Fishing Data Form

Cutthroat Trout Revisit, Fall 2000.

Date: 10-2-00 Surveyors: RA STEVE

Comments:

Location: LBC Water temp. @:

E-Fish setting: 7-5-200

4:00 PM Air Temp. @:

Sp. Codes: OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back
PGS = Pac. Giant Salam., Ammo = ammocete, BLamp = Brook lamprey, Plamp = Pacific Lamprey

Unit #	Unit Type	Run	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)			
1	TAI		4.78	72				
	OC		15.68	108				
	OC		26.30	129				
	OC		21.93	124				
	OC		28.20	142				
	OC		12.52	108				
	GA	n =			1/11			
	Frog	n = 1						
	TAT		5.87	71				
	TRT		2.72	64				
	TAT		5.44	75				
	TAT		7.92	84				
	OK		4.35	72				
	OC		15.85	114				
	TRT		4.98	77				
	TRT		3.26	63				
	OK		6.57	84				
	OC		5.34	82				
	TAT		3.65	66				
	TRT		2.94	64				
	TRT		5.97	79				
	TRT		3.91	71				

Unit #	Unit Type	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
	OK		4.50	72			
	OK		4.33	70			
	TRT		3.19	67			
	OK		3.28	67			
	TRT		3.46	70			
	TRT		4.81	76			
	TRT		7.57	87			
	TRT		2.12	59			
	OK		4.59	74			
	TRT		4.62	93			
	OK		3.87	69			
	OK		5.24	76			
	TRT		5.41	79			
	OK		2.68	60			
	OK		2.86	69			
	OC		17.44	107			
	TRT		3.19	66			
	OK		3.56	67			
	TRT		2.07	63			
	OK		7.48	82			
	TRT		6.64	82			
	OK		5.76	81			

E-Fishing Data Form

Cutthroat Trout Revisit, Fall 2000.

Date: 10-2-00 Surveyors: P. S. S. S.

Comments: Sunny.

Location: LBC Water temp. ©:

Air Temp. @: 15.5 C

E-Fish setting: T-5-200

Species Codes: OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back.

PGS = Pac. Grant Salam., Ammo = ammocete, BLamp = Brook lamprey, Ptamp = Pacific Lamprey

[illegible]

Unit #	Unit Type	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
1	OC		33.81	148			
1	OC		16.50	121	F-Fish I-5-300 for this unit		
1	OK		3.36	66			
1	trt		5.02	78			
1	trt		3.09	65			
1	OK		2.65	70			
1	trt		6.17	82			
1	trt		5.42	113			
1	OK		2.61	60			
1	trt		3.78	71			
1	trt		3.70	70			
1	trt		2.69	63			
1	OK		2.89	63			
1	trt		4.25	73			
1	OK	n = 2					
1	PGS	n = 2					
1	OK		4.52	72			
1	OK		8.62	92			
1	OK		3.82	69			
1	OK		4.09	71			
1	trt		2.31	60			
1	trt		5.42	75			

Cutthroat Trout Revisit, 'Fall 2000.

Comments.

Water temp. ©: 24

Air Temp. O: 14

E-Fish setting: I-S 200

PGS = Pac. Giant Salam., Ammo = ammocete, BLamp = Brook lamprey, Plarnp = Pacific Lamprey

[illegible]

Unit #	7	Unit Type	Pool	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	PGS	N=1							
1	TRT		14.62	100					
1	OK		2.85	64					
1	OK		3.70	74					
1	OK		3.12	71					
1	OK		3.61	64					
1	OK		3.28	60					
1	OK		2.51	60					
1	TRT		4.70	70					
1	TRT		4.48	62					
1	OK		2.98	64					
1	TRT		3.14	65					
1	OK		4.96	73					
1	TRT		7.12	75					
1	OK		3.05	75					
1	OK		4.93	74					
1	OK		12.18	103					
1	TRT		4.20	72					
1	TRT		3.22	67					
1	TRT		3.47	67					
1	OK		3.73	60					
1	TRT		4.45	70					
1	TRT		12.30	101					

E-Fishing Data Form

Cutthroat Trout Revisit, Fall 2000.

Date: 10/2/00 Surveyors: ST, PH Comments:

Location: LBC Water temp. ©:
S:20 Air Temp. ©: E-Fish setting: I-S-200

5. Codes: OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back

PGS = Pac. Giant Salam.. Ammo = ammocete. BLamp = Brook lamprey, Plamp = Pacific Lamprey

Init #	Unit Type	Pass	1 pass/Den	1p	Times:	P1	P2	P3	P4
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[illegible][illegible]

E-Fishing Data Form

Cutthroat Trout Revisit, Fall 2000.

Date: 10/2/00

Surveyors: KA STEVE

Comments: Survey

Location: LBC

Water temp. @ 15

Time:

Air Temp. @:

E-Fish setting: 7-5-700

s Codes: OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back
 PGS = Pac. Giant Salam., Ammo = ammocete, BLamp = Brook lamprey, Plamp = Pacific Lamprey

Unit #	2	Unit Type	Pool (River)	1 pass/Dep	Times:	P1 717	P2 729	P3 390	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	TRT		18.25	119					
1	OC		22.56	130					
✓	OC		25.25	132					
1	GA	n=							
	TRT		2.48	63					
	TRT		1.87	56					
	OK		3.14	84					
	TRT		1.99	57					
	TRT		3.85	71					
	TRT		2.72	61					
	OK		4.16	71					
	OK		4.89	73					
	OK		3.63	68					
	OK		4.88	76					
	OC		3.89	72					
	TRT		3.94	73					
	TRT		5.57	82					
	OK		4.89	77					
	OK		3.36	66					
	TRT		2.74	62	Mort (Probable)				
	TRT		4.96	78					
✓	TRT		3.79	70					

Continued Page 1

Unit #	2	Unit Type	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)			
1	TRT		9.99	97				
1	TRT		1.61	54				
	GA	n = 2			11			
	OK		6.76	93				
	PGS	n = 2			11			
	TRT		5.47	75				
	OC		3.56	71				
	OK		5.72	80				
	TRT		2.66	63				
	TRT		2.30	59				
	TRT		2.38	60				
	TRT		1.97	55				
	OK		5.33	79				
2	GA	n = 3			111			
1	Ammo	n = 5						
	TRT		5.24	79				
1	TRT		2.12	57				
	OK		3.94	71				
5	TRT		10.81	100				
	GA	n = 2						
	Ammo	n = 2						
	PGS	n = 1						

Cutthroat Trout Revisit, Fall 2000.

Comments:

E-Fish setting: J-5-200 . .

Air Temp. (C): 18

PGS = Pac. Giant Salam.. Ammo = ammocete, BLamp = Brook lamprey, Plamp = **Pacific Lamprey**

Unit #	Unit Type	Pass/Dep	Times: P1	P2	P3	P4
Pass#	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)	
1	OK		12.30	109		
1	OK		2.92	61		
1	OK		4.25	73		
1	OK		3.27	66		
1	OK		3.15	66		
1	OK		1.86	67		
1	Ammo	N=1				
1	PGS	N=1				
1	OK		2.94	66		
1	OK		2.32	60		
1	OK		4.13	72		
1	OK		3.28	66		
1	GA	N=1	4.72	72		
1	OK		3.42	67		
1	TRT		3.72	63		
1	TRT		12.36	105		
1	OK		11.55	103		
1	OK		3.22	66		
1	TRT		3.82	70		
1	OK		5.64	67		
1	OK		5.54	74		
1	TRT		6.41	85		

Cutthroat Trout Revisit, Fall 2000.

Comments:

Water temp.O:

AirTemp. © 

E-Fish setting: *T-S-300*

Species Codes: OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back

PGS = Pac. Giant Salam., Ammo = ammocete, BLamp = Brook lamprey, Piamp = Pacific Lamprey

[illegible]

E-Fishing Data Form

E-Fish setting: I-5-300

[illegible]

Pass#	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	TR	E-E r 40 22	51		
1	TR				
	TRT				
1	Ave. male	N=1			
1	OK		4.30	71	
1	OK		3.17	74	
1	TRT		5.45	75	
1	OK		13.67	106	
1	OK	E-H 15 r 40 22	21.70	150	Post-#17 roll #17
1	GA	N=2			
1	TRT		17.43	111	
1	OK		9.53	95	
1	OK		6.90	79	
1	PGS	N=1			
1	TRT		4.03	70	
1	TRT		5.00	68	
1	TRT		5.69	65	
1	M		14.60	107	
1	TRT		13.68	105	
1	TRT		4.69	76	

Date: 10/18/00	Surveyors: P. J. -	Comments:
Location: LBC	Water temp. @:	
Time:	Air Temp. @: 1-	E-Fish setting: 1- 1- 1- 1-

[illegible][illegible]

E-Fishing Data Form

Cutthroat Trout Revisit, Fall 2000.

Date: 10/2/00 Surveyors: SF

Comments.

Location: .*

Water temp. ©:

Time: Air Temp. ©:

E-Fish setting: I-5-300

Species Codes OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back
PGS = Pac. Giant Salam., Ammo = ammocete. BLamp = Brook lamprey, Plamp = Pacific Lamprey

Unit #	Unit Type	1pass/Dep	Times: P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)	
1	OK		16.42	148		
1	OK		2.11	55		
1	OK		3.87	62		
1	OK		2.33	59		
1	GA		2.42	72		
1	TRT		4.02	68		
1	OK		3.94	62		
1	TRT		2.46	62		
1	OK		2.88	64		
1	OK		2.68	59		
1	OK		1.96	54		
1	OK		3.61	62		
1	OK		3.04	63		
1	TRT		4.85	73		
1	OK		6.00	79		
1	OC		11.22	94		
1	OK		6.11	82		
1	GA		4.09	51		
1	OK		3.24	66		
1	OC		12.02	147		
1	TRT		5.64	74		
1	OK		2.44	54		

Unit #	Unit Type	1pass/Dep	Times: P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)	
1	OK		3.02	55		
1	GA		2.64	61		
1	TRT		2.26	55		
1	OK		2.62	51		
1	GA		1.52	56		
1	BLamp	1121	1.00	50		
2	OK		1.54	51		
2	OK		2.25	50		
2	OK	n=6			100%	
2	OK		13.40	107		
2	OK		1.67	53		
2	OK		3.54	62		
2	OK		1.52	51		
2	OK		4.10	72		
2	OK		3.15	62		
2	OK		2.12	58		
2	OK		1.98	56		
2	Ammo	n=2				
2	BLamp	n=1				
3	OK	n=6			100%	
3	BLamp	n=1				

Cutthroat Trout Revisit, Fall 2000.

Date: 10/16/90

Surveyors: 4

Comments:

Location:

Water temp.©:

Time:

Air Temp. ©:

E-Fish setting: I-5-300

Species Codes: OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle **back**
PGS = Pac. Giant Salam., Ammo = **ammocete**. BLamp = Brook lamprey, Plamp = Pacific Lamprey

Unit #	Unit Type	1 pass/Dep	Times: P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)	
	OK		2.15	50		
1	OK		2.04	54		
1	OK		1.85	50		
	OK		2.16	57		
1	OK		2.21	64		
1	OK		2.02	50		
1	TOT		2.05	54		
	PGS	W = 5				
	OK	W = 5				
1	OK		2.98	63		
1	OK		3.15	65		
1	OK		15.74	116		
1	TOT		2.38	60		
1	OK		3.23	63		
1	TOT		2.09	57		
1	TOT		2.74	60		
1	OK		15.71	115		
1	OK		4.05	70		
1	TOT		1.75	46		

[illegible]

Cutthroat Trout Revisit, Fall 2000.

Species Codes: OC = cutthroat, TRT = trout, **OK** = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back

[illegible]

E-Fishing Data Form

E-Fish setting: I-5-300

[illegible][illegible]

Date. 10/9/00 Surveyors: ST, JR

Location: LBC
Time: 4:40 PM

Water temp.©:

Air Temp. (°C):

Comments: *Good*

E-Fish setting: *2-5-300.*

Unit #	Unit Type	Pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
1	OK		2.37	65			
1	OC		3.16	62			
1	trt		3.04	65			
1	trt		3.28	68			
1	OC	5019754B07	14.12	112	Photo #10 Roll #18		
1	OC		2.67	70			
1	trt		3.20	63			
1	OC	50197F1047F	19.66	125	Photo #11 Roll #18		
1	GA	N=3					
1	Tgs	N=1					
1	OC		13.46	111			
1	OC		10.53	102			
1	OC	501956074	7.93	93	Photo #12 Roll #18		
1	trt		5.54	79			
1	OK		2.88	64			
1	OK		2.61	61			
1	trt		1.93	60			
1	OK		5.14	73			
1	OK		1.93	55			
1	trt		2.05	57			
1	OK		2.16	55			
1	trt		2.68	64			

[illegible]

Cutthroat Trout Revisit, Fall 2000.

Surveyors: ST, LR

Comments:

Water temp. @:

[illegible]

Cutthroat Trout Revisit, Fall 2000.

E-Fish setting: T-S-300

Unit #	Unit Type	1 pass/Dep	Times: P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)	
1	TRT		2.16	54		
1	BL		2.24	62		
1	TRT		2.16	55		
1	TRT		4.20	66		
1	TRT		4.70	76		
1	TRT		3.17	58		
1	OK		4.37	73		
1	OK		3.71	67		
1	PGS	2174				
1	TRT		4.57	75		
1	OK		4.49	70		
1	OK		4.63	73		
1	OK		11.94	104		
1	OK		4.53	72		
1	OK		3.24	64		
1	TRT		1.77	55		
1	TRT		2.16	63		
1	TRT		6.34	80		
1	TRT		6.34	81		
1	OK		3.63	69		
1	OK		3.17	61		
1	OK		2.83	61		

Cutthroat Trout Revisit, Fall 2000.

Comments:

E-Fish setting: I-S-300

nook, **CP** = sculpin (Prickly), **GA** = stickle back
Brook lamprey, **Plamp** = Pacific Lamprey

[illegible]

E-Fishing Data Form

Cutthroat Trout Revisit, Fall 2000.

Date: 10-7-00 Surveyors: ST, M, D, G, J, K Comments:
 Location: LBC Water temp. ©:
 Time: Air Temp. ©: E-Fish setting: 3-5-300

Species Codes. OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back
 PGS = Pac. Giant Salam., Ammo = ammocete, BLamp = Brook lamprey, Plamp = Pacific Lamprey

Unit #	Unit Type	Pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
1	OK		3.46	66			
1	OC		42.18	167			
1	GA	n = 6	4.19	69			
1	OK		2.92	65			
1	OC		20.77	129			
1	OC		12.97	108			
1	OC		10.74	108			
1	OK		3.26	66			
1	OC		2.89	95			
1	OK		9.25	95			
1	OK		7.61	68			
1	trt		1.87	56			
1	OK		1.24	46			
1	OK		2.96	65			
1	OK		3.40	69			
1	OK		3.47	70			
				6			

Unit #	Unit Type	Pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
1	OC	5010500875	15.18	118	Photo #22	Kell 17	Rahit 1000
1	OK		1.83	56			
1	trt		5.32	82			
1	OK		1.37	49			
1	OC		1.52	51			
1	OC		2.25	79			
1	OC		2.88	85			
1	trt		2.60	72			
1	OK		4.95	74			
1	OK		2.53	61			
1	OK		1.90	55			
1	OK		3.50	68			
1	OK		1.22	58			
1	OK		2.76	59			
1	trt		1.50	53			
1	OK		1.23	49			
1	GA	n = 1					
1	trt		2.19	55			
1	OK		2.61	60			

Cutthroat Trout Revisit, Fall 2000.

Comments:

E-Fish setting: T-5-300

Air Temp. ©:

Species Codes OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back
PGS = Pac. Giant Salam., Ammo = arnmocete, BLamp = Brook lamprey, Plamp = Pacific Lamprey

t				

[illegible]

Water temp.©:

[illegible]

Unit #	Unit Type	Pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
1	OC		10.27	102			
1	OK		2.53	51			
1	OK		5.22	75			
1	OK		9.46	13			
1	OK		2.58	62			
1	OK		2.75	56			
1	Lut		4.01	70			
1	OK		4.38	73			
1	OK		3.28	83			
1	GA	n=1	9.57	87			
1	~~OC~~ OC		8.94	113			
1	OC		32.34	144			
1	OK		2.36	59			
1	OC		6.54	85			
1	OC	501P560784	9.34	82	06-28-2014		
1	Lut		4.11	72			
1	Lut	1 red 22 mm shot					
1	GPS	n=1					

Comments:

[illegible]

E-Fishing Data Form

Cutthroat Trout Revisit, Fall 2000.

Date: 10/1/00	Surveyors: ST	Comments:
Location: LBC	Water temp. O:	
Time:	Air Temp. C:	E-Fish setting: I-5-300

Species Codes. OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back
 PGS = Pac Giant Salam., Ammo = ammocete, BLarp = Brook lamprey, Plamp = Pacific Lamprey

Unit #	Unit Type	1 pass/Dep	Times: P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)	
1	TRT		17.92	114		
1	OC		2.55	70		
1	TRT		1.68	53		
1	OC		2.58	39		
1	OK		4.51	74		
1	OK		4.16	72		
1	OK		3.85	70		
1	OC		7.44	88		
1	OC		12.03	106		
1	OK		5.18	76		
1	OK		2.36	58		
1	TRT		3.22	70		
1	OK		4.07	71		
1	TRT		4.69	76		
1	OK		1.65	54		
1	GA	n = 1				
1	OK		2.32	58		
1	TRT		2.59	64		
2	OK		2.72	62		
3		~~OK - FISH~~				

Unit #	Unit Type	1 pass/Dep	Times: P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)	
1	OK		2.18	56		
1	OK		3.96	66		
1	OK		2.28	60		
1	OC	50105B443B	15.47	115	PHOTO #20 ROLL 17 5/12/00 AT	
1	OC	501062507F	61.88	174	RT PCT PARASITE PHOTO #21 ROLL 17	
1	OK		2.65	62		
1	OC		16.61	123		
1	OC		11.23	105		
1	TRT		2.52	58		
1	OK		2.15	60		
1	OK		3.17	65		
1	OK		3.03	64		
1	OK		6.21	83		
1	OK		2.85	63		
1	TRT		16.09	123		
1	TRT		4.94	76		
1	OK		2.87	70		
1	OK		3.15	71		
1	OK		3.26	68		
1	OK		2.17	51		
1	OK		2.46	61		
1	GA	n = 6				

Location: 1-1-20
Time: 9:30 BC

Surveyors: ST, AG, BDM, GB

Water temp. °C:
Air Temp. °C:

Comments: Sunny

E-Fish setting: E-5-300

[illegible]

1P					
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	OC		3.21	59	
1	OC		16.13	117	
1	OK		2.30	59	
1	OK		3.32	67	
1	OK		2.49	60	
1	OK		2.32	58	
1	OK		3.01	63	
1	OK		3.45	67	
1	OK		2.57	62	
1	OK		2.84	58	
1	OK		4.11	70	
1	OC		2.10	58	
1	4pt		3.12	67	
1	OK		4.37	72	
1	OC	501D595422	14.68	152	Pitov #1 Roll 13
1	OK		4.26	74	
1	OK		3.98	69	
1	OC		21.67	129	
1	OK		2.12	57	
1	4pt		2.15	57	
1	OK		2.33	60	
1	OK		2.62	61	

E-Fish setting: 7 5 ~300 ..

Unit #	30	Unit Type	Run	1 pass/Dep	Times:	P1615	P2 761	P3 592	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	GA				XXX II				22
1	~~FR~~	TAT	9.16	73					
1	OK		6.57	84					
1	TAT		2.33	61					
1	OK		2.28	59					
1	OK		3.64	68					
1	OK		1.76	59					
1	OK		2.79	62					
1	OK		2.41	60					
1	CC	12.31	12.31	102					
1	OK		1.96	55					
1	OK		2.71	70					
1	OK		2.60	67					
1	OK		2.13	59					
1	OK		1.40	51					
1	OK		4.13	72					
1	CC		2.24	99					
1	TAT		4.11	54					
1	OK		1.69	54					
1	OK		2.90	69					
1	CC		2.54	91					
1	CC		7.23	88					

E-Fishing Data Form

Cutthroat Trout Revisit, Fall 2000.

Date: 10/6/00

Surveyors: S. J. & J. S.

Comments:

Location: LBC

Water temp. @:

Time:

Air Temp. @:

E-Fish setting: T-5-300

--ies Codes: OC = cutthroat, TRT = trout, OK = who, OT = chinook, CP = sculpin (Prickly), GA = stickle back
PGS = Pac. Giant Salam., Ammo = ammocete, BLamp = Brook lamprey, Plamp = Pacific Lamprey

Unit #	30	Unit Type	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)			
1	GA	111			THESE ARE STILL TALLER FROM 10/1 CATCHES			
1	OK		3.13	63				
1	OK		1.85	55				
1	OK		1.04	55				
1	OK		2.44	60				
1	OK		2.06	64				
1	OK		1.93	55				
1	TRT		10.89	100				
1	TRT		2.60	62				
1	OK		2.36	61				
1	TRT		3.64	92				
1	OK		1.98	56				
1	OK		1.80	54				
1	TRT		15.21	111				
1	TRT		3.14	63				
1	OK		2.84	63				
1	OK		17.82	125				
1	TRT		4.68	76				
1	OK	501 208 140	6.85	89	Rise 18 photo 4 Scale 21			
1	PGS	111			1 LARGE PTEROSTOMUS			
1	TRT		5.03	73				
1	TRT		3.49	69				

Unit #	30	Unit Type	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)			
1	TRT		4.12	72				
1	TRT		2.90	66				
1	TRT		3.36	68				
1	OK		1.47	50				
1	TRT		4.67	76				
1	OK		3.10	64				
1	OK		2.10	59				
1	TRT		3.92	63				
1	TRT		3.01	66				
2	PLG				11 large plus			
2	TRT		3.11	63				
2	OK		3.52	68				
2	OK		2.38	59				
2	OK		12.36	108				
2	EA				1			
2	OK		4.15	92				
2	TRT		1.90	56				
2	TRT		2.69	63				
2	GA	3 20 10 14						
2	Amph	1						
2	OK		2.05	53				

Cutthroat Trout Revisit, Fall 2000.

E-Fish setting: 15-300

[illegible][illegible]

Cover Types: **UB**-undercut bank, **SWD**-small wood debris(<12"dia), **LWD**-large wood debris(>12"dia), **RM**-root mass,

TV-terr. Veg., AV-aquatic veg., BC-bubble curtain, BO-boulder(>10"dia), BL-bedrock ledges.

Cover < .25m off water, dims. to 0.1 m, as rectangle or triangle, third dim. # is hyp. of rt. triangle, all others are redang.

te: 10/13/00

Reach: LBC

Crew: ST

[illegible]

Cover $< .25\text{m}$ off water, dims. to 0.1 m , as rectangle or triangle, third dim. # is hyp. of rt. triangle, all others are rectang.

Weather: Sunny

nit #	NSO #	Unit Type	Length (m)	Widths			Max. Dp.(m)	Tail Dp.(m)	Cover Type	Dimens. (m)	Comments
				W1	W2	W3					
1	22	Pool	Same	3.0	2.4	2.6	0.46	0.06		x x	MD = Lat Scour RM (alter)
2	24	Pool	10.6	2.4	3.3	2.1	0.42	0.07		x x	MD = " " " "
9		Run	12.2	3.2	3.4	4.2	0.35	N/A		x x	" " " "
3		Run	Same	2.8	2.8	1.9	0.29	N/A		x x	" " " "
4		Pool	"	3.2	4.8	2.0	0.92	0.07		x x	" " " "
5	33	Pool	"	2.2	3.1	2.5	0.60	0.09		x x	" " " "
6		"	"	3.4	3.5	3.2	0.62	0.06		x x	" " " "
	37	Run	"	1.8	1.6	1.5	0.19	N/A		x x	" " " "
8		Pool	"	3.4	3.2	2.7	0.59	0.07		x x	" " " "
7		Pool	"	1.7	3.4	2.2	~~0.07~~	0.07	MP 86	x x	" " " "
10		Pool	"	2.2	3.4	2.9	0.44	0.07		x x	" " " "
11		Run	"	1.3	2.2	1.8	0.30	N/A		x x	MD = Scour beneath LWD (alter)
12		Pool	"	1.9	3.9	~2.6	0.48	0.07		x x	" " " " + RM = LWD
13		"	"	3.3	3.1	3.2	0.56	0.07		x x	" Lat Scour RM (alter)
14		Run	"	3.1	2.9	2.2	0.29	N/A		x x	" " " "
15	46	Run	"	2.6	2.5	2.8	0.25	N/A		x x	" " " " + SWD
16		Run	"	2.6	3.3	3.0	0.40	N/A		x x	MD = Lat Scour LWD
17		Run	"	2.0	1.9	1.7	0.23	NA		x x	" " " " RM
18		Pool	"	2.0	1.8	2.2	0.61	0.09		x x	MD = Lat Scour BL (alter)
19		Pool	"	2.9	3.6	2.5	0.67	0.07		x x	MD = " " " " RM
20		Run	"	1.3	1.7	3.0	0.21	N/A		x x	" " " "
21		Pool	"	2.6	2.6	2.8	0.93	0.07		x x	MD = " " " " (alter)
										x x	+ SWD jam
22		Pool	"	2.4	1.8	1.6	0.35	0.06		x x	MD = Lat Scour RM
23		Pool	"	2.3	3.1	4.9	0.52	0.08		x x	MD = LWD Plunge (alter)
24	61.11	Pool	"	1.4	2.2	1.5	0.61	N/A	Don't pool	x x	MD = Lat Scour RM (alter)
* the route of the 61.11 series is now the only double x 1 x											
25		Pool	Same	1.9	2.1	1.2	0.47	0.06		x x	MD = Lat Scour Bank + RM
26		Pool	"	1.8	1.7	1.9	0.37	0.05		x x	MD = Lat Scour LWD (alter)
27		Pool								x x	Unit Dry
28		Pool	Same	3.9	3.1	3.0	0.70	0.06		x x	MD = Lat Scour UB / RM
29		Pool	"	3.3	2.8	2.3	0.56	0.07		x x	MD = Lat Scour RM (alter)
30	67	Run	19.4	3.4	3.0	1.6	0.38	N/A		x x	MD = " " " " RM (alter)
30		Run	Same	3.0	3.2	4.0	0.37	0.06		x x	MD = " " " " LWD
31		Pool	"	1.5	2.4	3.4	0.62	0.08		x x	MD = LWD Plunge + Lat Scour RM
32		Pool	"	4.2	3.4	1.8	0.45	0.06		x x	MD = Lat Scour Bank
* 69.11 + 67.12 can be left out of Pop est. - 1st station											
33	73	Pool	Same	3.7	2.8	1.4	0.54	0.06		x x	MD = Lat Scour Bank + RM
34		Pool	Same	3.0	2.5	1.9	0.37	0.11		x x	MD = " " " " RM (Don't LWD)
35		Pool	3.1	1.5	2.4	2.3	0.34	N/A	No flow	x x	MD = Plunge from RM + SWD
* unit #35 is not currently connected to main channel											
Main channel goes from top of pool #34 to a 12m run, then to x 3m, then to x											

Sunny

Pass#	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	OC	Shed	40.18	155	Photo 21 % 11 13 Right scale
1	OC		14.14	1	0
1	OC		1.51	64	
1	PGS	N=2			
2	PBS	N=1			
3	PBS	N=2			

Pod					
Pass#	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
	UC		49.3	161	
1	OC		2.14	58	
	PGS	= 2			

Unit #	Unit Type	Yr	1 pass/Dep	1P	Times:	P1	P2	P3	P4
#	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	OC		2.33	59					
1	OC		1.96	56					
1	OC	Missed		50	Saw but missed				
1	OC	N=1							

Unit #	Unit Type	1pass/Dep	Times:	P1	P2	P3	P4
22 A	P661	10					
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
1	6C		1.29	47			
1	PGS	N = 3					

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E-Fish setting:

Unit #	25	Unit Type	1	1 pass/Dep	Dep.	Times:	P1 97	P2 95	P3 92	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)					
1	OC	5019733423	26.01	133	Photo #24 role #13 right scale					
2	OC		2.02	58						
3	OC		10.42	99						
1	PGS	N= 1								
2	0	0								
3	0	0								

E-Fishing Data Form

Cutthroat Trout Revisit, Fall 2000.

Date: 9/10/00	Surveyors: ST, MM, Keith, Jasey	Comments:
Location: UBCNF	Water temp. @:	
Time:	Air Temp. @: 13	E-Fish setting: I-5-300

Species Codes: OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back
 PGS = Pac. Giant Salam., Ammo = ammocete, BLamp = Brook lamprey, Plamp = Pacific Lamprey

Pool					
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	OC		7.13	82	
1	OC		7.91	91	
1	OC		4.31	75	
1	OC		5.29	75	
1	Frog	1			Picture #25 Roll 13
2	PGS	-			
3	PGS	N=1			

Unit #	30	Unit Type	Pool	1 pass/Dep	1P	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)					
1	OC		6.56	88						
1	OC	50147E6548	37.01	151	Scales Rt. Photo 1 Roll 14					

Unit #	31	Unit Type	Pool	1 pass/Dep	1P	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)					
1	OC		27.58	135						
1	OC		6.46	88						
1	OC		7.84	89						

Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	OC		8.20	93	
1	OC		6.71	4	I Photo 2 Roll 11
1	OC		20.90	122	
1	OC		9.65	93	

Unit #	Unit Type	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		

E-Fishing Data Form

Cutthroat Trout Revisit, Fall 2000.

Date: 9/10/00	Surveyors: ST, MM, Keith, Casey	Comments:
Location: UBCNE	Water temp. @: 12.0	
Time: 2:15	Air Temp. @: 13	E-Fish setting: 25-300

Species Codes: OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back
 PGS = Pac. Giant Salam., Ammo = ammocete, BLamp = Brook lamprey, Plamp = Pacific Lamprey

1P					
Pass#	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	OC		8.53	81	
1	PGS	N=7			

1G					
Pass#	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	PGS	=			
		fish			

1P					
P #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	OC		5.76	78	
1	OC		3.47	65	
1	PGS	N=5			

Unit # 29A					
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	OC		5.47	80	

Unit # 29B Unit Type Pool 1 pass/Dep 1P Times: P1 P2 P3 P4					
Pass#	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	OC		8.87	89	
1	PGS	N=1			

Cutthroat Trout Revisit, Fall 2000.

Date: 9/9/00 Surveyors: JST

Comments: Sunny

Location: UBC NF Water temp. ©:
Time: 3:30 Air Temp. ©:

E-Fish setting: **I-5 - 200**

Species Codes: OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back
PGS = Pac. Giant Salam., Ammo = ammocete, BLamp = Brook lamprey, Plamp = Pacific Lamprey '

[illegible][illegible][illegible][illegible][illegible]

E-Fishing Data Form

Cutthroat Trout Revisit, Fall 2000.

Date: 9/10/00	Surveyors: ST, MM, Keith, Gey.	Comments: Shaky
Location: UBC NF	Water temp. @: 12	
Time: 11/1/00	AirTemp. @: 13	E-Fish setting: I-5---

Species Codes: OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back
 PGS = Pac. Giant Salam., Ammo = ammocete, BLamp = Brook lamprey, Piamp = Pacific Lamprey

Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	OC	5b1974bCID	40696	177	Photo 20 Roll 13 Scales Right

Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	OC		3.39	69	
1	PGS	N = 2			

P	#	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	1	OC		3.31	66	
1	1	Pb5	N = 1			

#	Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	1			4.18	74	
1	1	OC		1.18	55	
1	1	PGS	N = 2			

Unit #	Unit Type	1 pass/Dep	Times	P1	P2	P3	P4
6	Pax	1	5				
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
					Unit Completely Dry.		

.E-Fishing Data Form

Date: 2/16/00
Location:
re: 1:00

Surveyors: ST
Water temp. ©:
Air Temp. ©:

Comments:

E-Fish setting:

Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	OC	501E670766	19.34	123	Scales Rt. Photo # 11
1	P6S	=			
					Unit has no flow into net - out
					at stream is subsurface else
					where
					Photo # 9 of Unit

Unit #	Unit Type	Pool	1 pass/Dep	IP	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	OC		2.27	59					
	OC		2.48	61	Photo # 12 of all 3 fish				
1	OC								
		n = 2							
					Photo # 10 of unit where				
					Unit drains currently. Unit ~ 1/2 as long.				
					as was in April				

Unit #	Unit Type	Pool	1 pass/Dep	IP	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	OC		37.44	155					

Unit #	Unit Type	Pool	1 pass/Dep	IP	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	P6S	n = 1							
1	OC	Shed tag	67.21	88	Scales Rt. Photo # 13 w. 11 # 12				
1	OC	501E593800	22.47	129					
1	OC		8.20	91					
					Photo # 15 looking @ tail (best				
					of Unit				

Unit #	Unit Type	Pool	1 pass/Dep	IP	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	OC		10.27	99					
1	P6S	n = 1							
1	P6S	=							
2									

Date: 9/9/00

Location: UBC

Time: 11:45

[illegible]

Unit #	3	Unit Type	Prot	1pass/Dep	Dep	Times:	P1	131	P2	146	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)							
	PLoS	n = 7			Photos. 2.4 + 5 bill #13							
	PLoS	n = 1			of this Unit							
3		~~0~~			Animal tracks in Unit. appears to be racoon							

Unit #	Unit Type	1 pass/Dep	1P, Times:	P1	P2	P3	P4
#	Species	PIT Tag #	Wt (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
1	OC		2.70	60	Noto #6 of all fish		
1	OC		1.84	57			
1	+nt		6.14	81			
1	Res	n=2			Also saw one +nt ~ 45 mm but did not capture.		

Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
		Not Sampled			1 Mit Completely drv.
					Photo 17 Looking Over stream @ White
					#5 & #6

[illegible]

E-Fishing Data Form

Location: ABCNF Water temp. @: 12 @ 4:30
 Time: 4:00 pm Air Temp. @: 15 @ 4:30 pm

E-Fish setting: I-5-200

Unit #	33	Unit Type	Pool	1pass/Dep	1P	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)					
1	TRT		1.84	52						

Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)					
1	OC		1.89	54						

Unit #	32	Unit Type	Pool	1pass/Dep	Dep.	Times:	P1 130	P2 132	P3 135	P4
#	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)					
1	TRT		1.96	47						
1	TRT		1.95	57						
1	PGS	N=4			one was large					
2	PGS	N=2								
3	PGS	N=1								
3	Tailed Eiders tadpoles	N=3			one had legs					

Unit #	1	Unit Type	Pool	1pass/Dep	1P	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)					
1	OC		4.40	75						
1	PGS	N=1								

Unit #	N5014	Unit Type	Pool	1pass/Dep	1P	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)					
1	fish	fish			Only showed the top of that Unit					

E-Fishing Data Form

Date: 9-8-00 Surveyors: ST, Sam, Mel Comments:
 Location: UBCNF Water temp. @ 12 @ 4:30
 Time: 4:00pm Air Temp. @ 15 @ 4:30 E-Fish setting: I-5-200

Species Codes: OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back
 PGS = Pac. Giant Salam., Ammo = ammocete, BLamp = Brook lamprey, Plamp = Pacific Lamprey

Unit # 30	Unit Type Pool	1 pass/Dep	1 P	Times: P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
1	TRT		1.11	47			
1	OC		9.48	98			

Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
1	PGS	N=2	~~13.55~~	~~109~~			
1	OC		13.35	109			

Unit # 34	Unit Type Pool	1 pass/Dep	1 P	Times: P1	P2	P3	P4
#	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
1	PSS	N=2					
1	OC		46.44	159	Photo #1 role 13 vertical scars above the adipose possible a bite		

Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
1	OC	5019411105	10.36	SQ	Photo #2 Role 13 scales RT		

Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
33A	OC		16.77	11A			

Cover Types: UB-undercut bank, SWD-small wood debris(<12" dia), LWD-large wood debris(>12" dia), **RM**-root mass, **TV**-terr. Veg., AV-aquatic veg., **BC**-bubble curtain, **BO**-boulder(>10" dia), BL-bedrock ledges.

Date: 10/12/00 Reach: UBCNF Crew: ST Sunny.

[illegible]

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TV-terr. Veg., AV-aquatic veg., BC-bubble curtain, BO-boulder(>1 O'dia), BL-bedrock ledges.

Cover < .25m offwater, dims. to 0.1 m, as rectangle or triangle, third dim. # is hyp. of rt. triangle, all others are rectang.

Reach:

[illegible]

Fall 00 Habitat Data Form

Cover Types: UB-undercut bank, SWD-small wood debris(<12"dia), LWD-large wood debris(>12"dia), RM-root mass, TV-terr. Veg., AV-aquatic veg., BC-bubble curtain, BO-boulder(>10"dia), BL-bedrock ledges.

Cover 25m off water, dims. to 0.1 m, as rectangle or triangle, third dim. # is hyp. of rt. triangle, all others are rectang.

Site: 10/5/00 Reach: UBCNE Air Temp. 13°C @ 10:20 AM Water Temp 11°C @ 10:20 AM

Unit	NSO #	Unit Type	Length (m)	Widths			Max. Dp.(m)	Tail Dp.(m)	Cover Type	Dimens. (m)	Comments
				W1	W2	W3					
N/A	87	Pool	6.3m	1.6	2.2	1.6	0.40	0.04	Not enumerated.	x x	Sampled for 1st time Apr. 00 No fish in this unit in 11/99. Max D = LWD scour
#31	85	Pool	5.4m	0.8	3.0	2.9	0.58	0.05	TV LWD LWD UB SWD UB	.20 x .3 .5 x 2.1 1.0 x .8 .2 x 1.5 .2 x 1.1 .1 x 2.1	Max D = LWD plunge.
#30		Pool	3.3m	2.6	3.0	2.2	0.33	0.03	LWD SWD LWD SWD SWD SWD	.6 x 2.5 .1 x 1.2 .3 x .7 .1 x .7 .1 x 1.0 .2 x .5	Max D = LWD plunge.
#29		Pool	Same	2.3	0.50	2.7	0.28	0.04	RM SWD RM SWD BO BO LWD BO UB LWD	.2 x .4 .3 x .5 .1 x .9 .1 x .7 .1 x .2 .1 x .2 .5 x .7 .1 x 1.0 .1 x .9 .1 x .8	Max D = LWD Plunge.
#29B		Pool	Same	1.7	-	1.9	0.32	0.07	SWD SWD SWD BO BO BO	.1 x 1.0 1.2 x .1 .1 x .8 .1 x .4 .1 x .6 .3 x .7	Max D = BO plunge.
#29A		Pool	5.7	1.7	0.9	1.2	0.21	0.06	SWD BO UB UB UB	.1 x .6 .2 x .3 .2 x .6 .2 x 1.5 1.2 x .2	Max D = BO + SWD scour Lat + plunge
#28		Pool	Same	1.0	1.0	1.1	0.18	0.04	SWD RM LWD BO	.1 x .5 .4 x .5 .2 x 1.0 .1 x .5	Max D = BO Lat Scour
#21		Pool	Same	1.2	1.6	1.0	0.45	0.05	BO BO BO BO SWD	.3 x .5 .1 x 1.2 .3 x .8 .2 x 1.2 .9 x .1	Max D = Lat Scour BO

Fall 00 Habitat Data Form

Cover Types: UB-undercut bank, SWD-small wood debris(<12"dia), LWD-large wood debris(>12"dia), RM-root mass, TV-terr Veg., AV-aquatic veg., BC-bubble curtain, BO-boulder(>10'dia), BL-bedrock ledges.

Cover < .25m off water, dims. to 0.1 m, as rectangle or triangle, third dim. # is hyp. of rt. triangle, all others are rectang.

Date: 10/5/00

Reach:

Jnit	NSO #	Unit Type	Length (m)	Widths			Max. Dp.(m)	Tail Dp.(m)	Cover Type	Dimens. (m)	Comments
				W1	W2	W3					
26		Pool	Same	1.0	1.1	2.7	0.29	0.05	BO	.8x1.5x	MaxD = BO Plunge.
									SWD	.2x.8	
									BO	.3x.6	
									BO	.2x1.1	
									BO	.3x1.3	
									BO	.2x.4	
#25		Pool	5.6	1.6	2.4	1.6	0.45	0.06	LWD	.4x2.3	Max D = BO Plunge +
									LWD	1.0x1.7	LWD Scorer.
									LWD	.8x.3	
									BO	.2x1.2	
#24		Pool	Same	1.3	1.0	1.1	0.24	0.04	SWD	.8x.2	Max D = Scorer BO +
									RW	1.0x.4	RW - Beneath
									BO	.4x.5	
									UB	.2x.5	
									BO	.1x.4	
#23		Pool	Same	0.9	1.6	1.7	0.41	0.06	BO	.3x1.3	Max D = BO Plunge
									BO	.2x.6	
									BC	.6x.4	
									BO	.2x.3	
									BO	.3x.3	
									BO	.1x.8	
									LWD	.6x.2	
									BO	.1x.8	
									BO	.5x1.1	
									BO	.2x.3	
#22	63	Pool	Same	1.5	2.1	3.0	0.49	0.06	BO	0.1x1.7	Max D = BO Plunge
									BO	.5x.6	
									BO	.2x.5	
									SWD	.1x.9	
									BC	.1x.2	
N/A	62	Pool	Same	1.3	1.9	1.3	0.32		BC	.4x.3	MaxD = BO Plunge
									BO	.2x1.3	
									SWD	.1x1.4	
									BO	.2x.3	
									BO	.2x.3	
									SWD	.1x.6	
									LWD	.3x.9	
22A	60	Pool	Same	0.8	0.9	2.6	0.23	0.05	BO	.3x1.4	MaxD = BO Plunge
									BO	.3x.6	
									SWD	.2x.7	Add BC 0.2x0.5
									SWD	.1x1.6	
I		Pool	Same	1.2	1.1	1.6	0.16		SWD	1.1x.1	MaxD = LWD Plunge
									LWD	.7x.5	
									LWD	.2x.6	
									LWD	.3x.4	
									LWD	.2x.4	

Cutthroat Trout Revisit, Fall 2000.

Comments:

E-Fish setting: I-S-200

Time: Air Temp. ©:

PGS = Pac. Giant Salam., Ammo = ammocete, BLamp = Brook lamprey, Plamp = Pacific Lamprey

subcutaneous blood
spots near brand A

[illegible]

Cutthroat Trout Revisit,' Fall 2000.

Date: 9/16/00

Surveyors:

Comments:

Location: UBCSF

Water temp.©:

Time:

Air Temp. ©:

E-Fish setting: I-5-200

Species Codes: OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back
PGS = Pac. Giant Salam., Ammo = ammocete, BLamp = Brook lamprey, Plamp = Pacific Lamprey

Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
					Unit dry not sampled

Poo					
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	Ø	fish			no inflow or out flow into unit
1	PGS	n = 2			

#	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
	OC	502nu91910	42.83	157	Photo #10 role #15
1	P65	n=2			
2	Ø	fish			
3	Ø	fish			

Unit#	3A	UnitType	Pm	(1 pass)Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	PGS	n = 3							
1	TRT		1.90	58					
1	TRT		1.78	57					
1	TRT		1.63	54					
1	OC	501A000B6F	21.09	123	Photo # 11 roll # 15				

Unit #	3	Unit Type	Pool	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	OC		31.16	143					
1	OC	50197E6071	13.66	110	Photo #12 roll #15				

Date: 9-15-00	Surveyors: ST, MM, AO	Comments:
Location: WBCSF	Water temp. @: 14°C @ 4:30	
Time: 4:30pm	Air Temp. @: 17°C @ 4:30	E-Fish setting: I-S-200

Unit# 19	Unit Type	Pool	1 pass/Dep	1	Times: P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)			
1	OC	501941226F	35.23	148	Role #14 photo #22 right scale (very faint throat marks)			
1	OC		3.58	65				
1	OC		1.47	49				
1	OC		3.44	67				
1	OC	501947011D	49.10	162	Role #14 photo #23 right scale (very faint throat marks)			
1	OC		24.15	131				
1	OC		15.10	114				

Unit# 19 cont.	Unit Type	Pool	1 pass/Dep	1	Times: P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)			
1	OC		30.29	142				
1	OC	501953633E	11.23	103	Role #14 photo #24 right scale			
1	OC		5.60	82				

#	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	PGS				Very small almost dry.

Unit # 17	Unit Type	Pool	1 pass/Dep	Dep	Times: P1	161	P2	167	P3	153	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)						
1	OC		3.44	64							
1	OC		12.06	99	Also 1 pgs on Pass #1						
1	OC		5.56	81							
1	OC		5.53	83							
1	OC		2.93	65							
2	OC		1.89	55	Also 1 pgs on Pass #2						
2	trt		1.28	50	Also 2 pgs on Pass #3						
3	trt		0.67	43	Mort- found dead in net when pulled.						

Unit # 16	Unit Type	Run	1 pass/Dep	1P	Times: P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)			
1	OC		1.20	49				
1	OC		1.76	54				
1	OC	5019434D39	21.75	143	Role #14 photo #25 right scale			
1	TRT		1.14	49				
1	OC		4.57	76				
1	OC		2.80	63				
1	OC	5019711447	17.05	116	Role #14 photo #26 right scale			

E-Fishing Oata Form

Cutthroat Trout Revisit, Fall 2000.

Date: 9-15-00	Surveyors: ST, MM, AO	Comments:
Location: WBCSF	Water temp. ©:	
Time: 6:00	Air Temp. ©:	E-Fish setting: I-5-200

Species Codes: OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back
 PGS = Pac. Giant Salam., Ammo = ammocete, BLamp = Brook lamprey, Plamp = Pacific Lamprey

Unit #	Unit Type	1 pass/Dep	Times:	P1	P2	P3	P4
16	Rian						
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
1	OC		3.76	62			
1	OC		5.47	82			
1	OC		1.55	51			
1	PGS	N=5					

Unit #	Unit Type	1 pass/Dep	Times:	P1	P2	P3	P4
15	P001						
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
1	OC		23.36	127			
1	OC		11.32	102			
1	TRT		.62	40			
1	TRT		1.38	51			
1	OC		3.44	69			

Unit #	Unit Type	1 pass/Dep	Times:	P1	P2	P3	P4
14							
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		

Unit #	Unit Type	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		

Unit #	Unit Type	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		

E-Fishing Data Form

Date: 9-16-00	Surveyors:	Comments:
Location: UBCSF	Water temp. ©:	
Time:	Air Temp. ©:	E-Fish setting: I-S-200

1	PGS	N=4			
1	TRT		0.75	42 mm	
1	OC		2.34	61	
1	TRT		1.62	54	
1	TRT		1.06	48	
1	OC		12.90	109	
1	OC		4.95	78	
1	TRT		1.55	53	

Photo of all fish
#6 roll 15

Unit #	Q	Unit Type	Pool	1 pass/Dep	DP	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #		Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
2	OC			3.27	62	brand posterior to saddle fin				
1	PGS	n=1								
3	PGS	n=3								
1	TRT			1.44	51					
1	TRT			1.64	55					
1	OC			2.32	60					
1	OC			5.74	81					

t #	Q	Unit Type	Pool	1 pass/Dep	DP	Times:	P1	P2	P3	P4
El #	Species	PIT Tag #		Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	OC	5019752515		18.78	121	Photo #7 roll 15				
1	TRT			1.62	55					
1	OC			4.45	75					
1	OC	50197A6121		24.98	149	Photo #8 roll #15				
1	PGS	n=1								

Unit #	NSO below #	Unit Type	Pool	1 pass/Dep	DP	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #		Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	PGS	n=1								
1	OC	501E6C5037		60.14	174	Photo #9 roll #15 Max D from Lwd S down bath.				
						Max D = ~0.37 may be deeper				
						Dimensions: Length ~ 5m				
						w1 ~ 2.0 w2 ~ 2.0 w3 ~ .8				
						Barely accessible under Multiple Lwd				
						1.5 m Drop from Unit #7 to this NSO				

Unit #	7	Unit Type	Pool	1 pass/Dep	DP	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #		Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
						Unit dry not sampled				

Date: 9-16-00 Surveyors: ST, MM, JG
 Location: UBCSF Water temp. @ 13.5

Comments:

Unit #	12	Unit Type	Run	1 pass/Dep	1	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)					
1	TRT		1.44	50						
1	TRT		1.10	47						
1	TRT		1.40	52						
1	TRT		1.45	51						
1	TRT		1.43	51						
1	PGS	N=1								

Unit #	14	Unit Type	Pool	1 pass/Dep	1	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)					
1	PGS	N=4								
1	OC		1.11	49						
1	OC		5.23	74						
1	OC	501950605A	34.50	148	Photo #1 Role #15 right scale					
1	OC		1.15	49						
1	OC		19.94	122						
1		501A030E2S	18.44	122	Photo #2 Role #15 right scale					

Unit #	13	Unit Type	Pool	1 pass/Dep	Dep	Times:	P1 162	P2 179	P3 159	P4
#	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)					
All	PGS	N=3			one rather large					
1	TRT		1.08	47						
1	OC		1.90	58						
1	TRT		1.54	54						
1	OC		23.47	128						

Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)					
1	OC	5019790779	13.26	109	Photo #3 Role #15 right scale					
1	OC		3.17	68						
1	OC		4.34	74						

Unit #	11	Unit Type	Pool	1 pass/Dep	1	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)					
1	PGS	N=1								
1	OC	501A043C13	18.60	117	Photo #5 Role #15 right scale					
1	TRT		1.88	56	Photo #4 Role #15					
1	OC		2.91	100	group picture of cutty's					
1	OC		5.00	76						

6

Cover < .25m offwater, dims. to 0.1 m, as rectangle or triangle, third dim. # is hyp. of rt. triangle, all others are rectang.

Crew: ST

[illegible]

Fall 00 Habitat Data Form

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Cover Types: UB-undercut bank, SWD-small wood debris(<12" dia), LWD-large wood debris(>12" dia), RM-root mass, TV-terr. Veg., AV-aquatic veg., BC-bubble curtain, BO-boulder(>10" dia), BL-bedrock ledges.

Cover < .25m off water, dims. to 0.1 m, as rectangle or triangle, third dim. # is hyp. of rt. triangle, all others are rectang.

Date: 9/27/00

Reach: UBCSE

Crew: ST

Weather: Sunny but I smell smoke.

#	NSO #	Unit Type	Length (m)	Widths			Max. Dp. (m)	Tail Dp. (m)	Cover Type	Dims. (m)	Comments
				W1	W2	W3					
19	1	Pool	Same	2.9	6.0	2.1	0.87	0	LWD	1.0 x 1.0 x	No water flow out of unit
									LWD	3.0 x 1.7 x	Seeps subsurface through gravel / sand
									SWD	.3 x .7 x	plastic 22+23 roll (#16)
									UB	.2 x .8 x	
									UB	.3 x 3.0 x	Max D = Scour beneath LWD
18		Pool	0.7m	0.5	0.4	-	0.08	0	SWD	.4 x .4 x	Unit all but dry
										x x	Max D = LWD / Scour Beneath
17		Pool	7m	1.1	0.4	0.8	0.23	0.03	LWD	1.1 x .4 x	Max D = LWD Lat. Scour
									UB	.1 x 2.0 x	Stream undercut the hydraulic
									SWD	.2 x .4 x	control that made this unit much
									SWD	.2 x .3 x	deeper. Unit is now 2 small
									LWD	.3 x .8 x	pools, connected by Rf.
									LWD	.5 x 1.5 x	
16		Run	Same	0.7	1.3	1.4	0.23	-	LWD	.5 x 3.0 x	Max D = Lat Scour - LWD + SWD
									SWD	.3 x .4 x	
									SWD	.3 x 1.1 x	
									SWD	.2 x 1.7 x	
									LWD	.5 x 1.2 x	
									LWD	.3 x .4 x	
		Pool	Same	1.8	5.2	1.6	0.31	0.03	LWD	1.9 x .4 x	Max D = Scour beneath LWD
									RM	.6 x 1.0 x	
									LWD	.3 x 2.9 x	
									LWD	.4 x 1.1 x	
									LWD	.6 x 1.5 x	
									LWD	.4 x .6 x	
									SWD	.4 x .3 x	
									LWD	.6 x 2.7 x	
									SWD	.6 x .8 x	
14		Pool	Same	2.3	1.6	1.0	0.42	0.03	LWD	.5 x 2.4 x	Max D = Scour beneath LWD
									RM	1.3 x .5 x	
									SWD	1.1 x .2 x	
									SWD	.2 x .7 x	
									LWD	.3 x .9 x	
									SWD	.2 x 1.0 x	
									UB	.3 x 1.0 x	
									LWD	.2 x .8 x	
									LWD	.1 x 1.1 x	
									LWD	.2 x 1.1 x	
									SWD	.3 x 1.3 x	
									SWD	.3 x .3 x	
13		Pool	Same	1.5	2.0	2.1	0.55	0.03	LWD	.8 x 2.0 x	Max D = Scour beneath LWD
									LWD	.1 x 2.0 x	
									SWD	.2 x 1.3 x	
									LWD	.6 x .8 x	
									LWD	.2 x 1.9 x	

Fall 00 Habitat Data Form

Cover Types: UB-undercut bank, SWD-small wood debris(<12"dia), LWD-large wood debris(>12"dia), RM-root mass, TV-terr. Veg., AV-aquatic veg., BC-bubble curtain, BO-boulder(>10"dia), BL-bedrock ledges.

Cover < .25m off water, dims. to 0.1 m, as rectangle or triangle, third dim. # is hyp. of rt. triangle, all others are rectang.

Date: 9/27/00 Reach: 1B C S F Crew: ST

Unit	NSO #	Unit Type	Length (m)	Widths			Max Dp.(m)	Tail Dp.(m)	Cover Type	Dimens. (m)	Comments
				W1	W2	W3					
12		Rif	Same	.7	.8	.4	0.17	-	TV	.4 x .4 x	Max D = Bank Lat. scour
									UB	.1 x .9 x	
									LWD	.3 x 1.0 x	
									LWD	1.1 x 1 x	
11		Pool	Same	2.3	1.2	1.4	0.30	0.03	SWD	.2 x .8 x	Max D = LWD - scour beneath
									LWD	.3 x 2.0 x	
									UB	.5 x 2.5 x	
									LWD	.2 x 1.9 x	
									SWD	.2 x .7 x	
									LWD	.3 x .5 x	
10		Pool	Same	1.4	1.8	0.9	0.29	0.01	LWD	.4 x .7 x	Max D = Lat. scour LWD
									SWD	.2 x .5 x	
									LWD	.1 x .7 x	
9		Pool	Same	1.2	1.2	1.1	0.17	0.04	UB	.3 x .4 x	Max D = Plung LWD
									UB	.2 x .6 x	
									RM	.4 x .7 x	
									LWD	.2 x 2.3 x	
8		Pool	Same	1.1	2.7	2.0	0.45	0.02	UB	1.0 x 1.6 x	Max D = LWD plung
									UB	2.6 x 1.5 x	
									LWD	3.0 x 1.7 x	
									LWD	1.2 x .3 x	
									SWD	1.4 x 1 x	
									BO	.2 x .3 x	
									RM	.2 x .3 x	
7										x x	Totally Dry
6										x x	Totally Dry
5		Pool	0.9	-	0.9	-	0.10	-	LWD	.3 x .4 x	heavily / Dry
										x x	filled w/ orange algae
4		Pool	2.8	1.9	2.4	2.6	0.42	0.01	LWD	1.5 x .7 x	photo #24 roll 16 of unit #4
									LWD	1.3 x .3 x	Max D = LWD plung
										x x	very little flow out of unit
3A		Pool	Same	1.0	1.0	2.1	0.24	0.03	UB	0.2 x .9 x	Max D = scour beneath LWD
									LWD	1.0 x .7 x	
									UB	.4 x .7 x	
									SWD	.4 x .4 x	
									LWD	1.2 x .4 x	
									SWD	.2 x .7 x	
3		Pool	Same	1.8	2.7	2.6	0.49	0.03	UB	.2 x .4 x	Flow into unit is subsurface
									LWD	.3 x 1.7 x	Max D = LWD Plunge
									UB	.4 x 2.7 x	
									SWD	.1 x 1.1 x	
									SWD	.2 x .8 x	
									SWD	.1 x .7 x	
									SWD	.2 x .3 x	
									SWD	.2 x .3 x	
									SWD	.1 x .7	

Date: 9-30-00 Surveyors: ST, MM, JB, DS
 Location: UPCMS Water temp. @: 12

Comments:

Unit #	Unit Type	1 pass/Dep	Times: P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)	
1	PGS	N=2				
1	Tnt	1 GSH		40		

Unit #	Unit Type	1 pass/Dep	Times: P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)	

Unit #	Unit Type	1 pass/Dep	Times: P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)	
1	OC		3.18	67		

Unit #	Unit Type	1 pass/Dep	Times: P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)	
1	PGS	n=1				
1	Tnt		1.24	49		
1	OC	501D-1293B	15.82	115	Photo #10 red. 17	

Unit #	Unit Type	1 pass/Dep	Times: P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)	

E-Fishing Data Form

Cutthroat Trout Revisit, Fall 2000.

Date: 9-30-00	Surveyors: ST M... ..	Comments:
Location: UPCM5	Water temp. @: 10	
Time: 11:00	Air Temp. @: 13	E-Fish setting: I-5-300

Species Codes: OC = cutthroat, TRT = trout, OK = who. OT = chinook, CP = sculpin (Prickly), GA = stickle back
 PGS = Pac. Giant Salam., Ammo = ammocete, BLamp = Brook lamprey, Piamp = Pacific Lamprey

Pass#	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	OC	2\53		53	
1	OC	193		55	

Unit #	Unit Type	Pass/Dep	Times: P1	P2	P3	P4
41	Pool	1				
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)	
1	OC		423	74		
1	OC		452	75		
1	OC		239	63		
1	TRT		125	41		
1	OC		204	58		
1	TRT		173	43		

Unit #	Unit Type	Pass/Dep	Times: P1	P2	P3	P4
40	Pool	1				
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)	
1	OC		243	60		

Unit #	Unit Type	Pass/Dep	Times: P1	P2	P3	P4
39	Pool	1				
Pass#	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)	
1	OC		221	42		
1	TRT		110	22		
1	PGS	N=1				

Unit #	Unit Type	Pass/Dep	Times: P1	P2	P3	P4
38	Pool	1				
Pass#	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)	
1	OC		212	44		
1	PGS	N=1				

E-Fishing Data Form

Cutthroat Trout Revisit, Fall 2000.

Date: 9-30-00 Surveyors: ST ...

Comments:

Location: UPCM5 Water temp. @ 11 1/2

Time: 11:30 Air Temp. @ 12

E-Fish setting: 5-5-300

Species Codes: OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Pnckly), GA = stickle back
PGS = Pac. Giant Salam., Ammo = ammocete, BLamp = Brook lamprey, Plamp = Pacific Lamprey

Unit #	37	Unit Type	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)			
1	PGS	N=1						
1	OC		1.63	54				
1	TRT		1.60	37				
1	OC		7.39	88				

Unit #	36	Unit Type	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)			
1	Trt		1.14	47				
1	Trt		8.77	31				
1	~~PGS~~	n=1						

1	PGS	N=3						
1	OC		2.17	57				
1	TRT		1.30	47				
1	OC		2.99	65				

#	Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
	1	OC		0.25	121	

Unit #	33	Unit Type	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)			
1	PGS	N=1						
1	OC		2.109	63				
1	TRT		1.30	50				
1	OC		7.22	60				

E-Fishing Data Form

Date: 7/30/00	Surveyors: ST	Comments:
Location: UPCMS	Water temp. °C:	
E:	Air Temp. °C:	E-Fish setting: I-5-300

Unit #	Unit Type	Pass/Dep	Times: P1	P2	P3	P4
0	P001	1 pass/Dep				
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)	
1	OC	5020406E57	23.45	130	photo #11. Roll #17 scales R4.	

Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	OC		239	56	
1	trt		.92	46	

Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	terrapin	n=1 large			
1	OC		2.61	63	

Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	OC		.78	52	

Unit #	Unit Type	Pass/Dep	Times: P1	P2	P3	P4
14		1 pass/Dep				
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)	
1	OC	503120186C	19.77	123	photo #12 roll #17	

E-Fishing Data Form

Date: 9-30 ^{CMS}
 Location: WP ~~APA~~
 Time: 1:19

Surveyors: DS, JG, MM, S
 Water temp. @:
 Air Temp. @: 12°

Comments: Sunny
 E-Fish setting: I-S-300

Unit #	5	Unit Type	Pool	1	pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)					
1	trt		0.49	57						
1	trt		.71	43						
1	trt		1.82	53						
7	PGS	n=1								
1	PGS	n=7								

Unit #	6	Unit Type	Pool	1	pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)					
1	OL		3.23	64						
1	OL		1.40	53						

Unit #	7	Unit Type	Pool	1	pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)					
1	TRT		1.02	53						
1	OL		2.55	61						
1	TRT		1.58	54						

Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)					
A	OL		9.37	94						
1	trt		.80	43						

Unit #	9	Unit Type	Pool	1	pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)					
1	OL		2.22	57						
1	trt		3.27	71						
1	TRT		1.05	47						
1	PGS	n=3								

E-Fishing Data Form

Date: 9-30-00	Surveyors: D J & M	Comments:
Location: UDCMS	Water temp. @: 12	
Time: 243	Air Temp. @: 12	E-Fish setting: 75 70

Unit #	15	Unit Type	DGS1	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	OC		2.1	96					
1	ht		103	53					
1	OC		243	03					

Unit #	16	Unit Type	ht	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	ht								
2	ht	n=1							

Unit #	17	Unit Type	ht	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	ht	n=1							
1	OC		275	61					
1	ht		115	47					
2	ht	n=1							

Unit #	18	Unit Type	ht	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	ht		78	61					
1	OC		71	51					

Unit #	19	Unit Type	ht	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	OC		313	67					
1	OC		213	65					
1	OC		218	61					
1	OC		126	50					
1	ht		113	45					

E-Fishing Data Form

Cutthroat Trout Revisit, Fall 2000.

Date: 9/30/00	Surveyors: ST	Comments:
Location: UPCMS	Water temp. ©:	
Time:	Air Temp. ©:	E-Fish setting: J-5-300

Species Codes: OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back
 PGS = Pac. Giant Salam., Ammo = ammocete, BLamp = Brook lamprey, Plamp = Pacific Lamprey

Unit #	Unit Type	Pool	1 pass/Dep	Times: P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
1	PLS	503237064	17.85	122	Blatto #13 col #17		

Unit #	Unit Type	Pool	1 pass/Dep	Times: P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
1	MC		115	47			

#	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
1	OC		14.5	52			
	OT		8.27	92			
	RT	(110 mm) max					

Unit #	Unit Type	Pool	1 pass/Dep	Times: P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
1	OC		2.14	59			

Unit #	Unit Type	Pool	1 pass/Dep	Times: P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
1	TRT		1.14	115			
1	TRT		0.6	43			
1	OK		1.49	54			

E-Fish setting: I-5-300

[illegible]

E-Fishing Data Form

Cutthroat Trout Revisit, Fall 2000.

Date: 9-30-00	Surveyors: ST	Comments:
Location: WPCMS	Water temp. ©:	
Time: 4:03	Air Temp. ©:	E-Fish setting: I-5-300

Codes: OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back
 PGS = Pac. Giant Salam., Ammo = ammocete, BLamp = Brook lamprey, Plamp = Pacific Lamprey

Unit #	25	Unit Type	Pool	1 pass/Dep		
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)	
1	OC		3.20	107		
1	OC		1.14	43		
1	OC		1.93	58		

Unit #	26	Unit Type	Pool	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	TRT		1.07	48					
1	TRT		1.15	50					
1	OC		2.90	68					
1	OC		4.65	74					

Unit #	27	Unit Type	Pool	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	PGS	n = 2							
1	OC		1.82	57					
1	OC		2.44	62					
1	OC		2.60	65					
1	TRT		1.55	55					
1	OC		1.96	54					

Unit #	28	Unit Type	Pool	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
	OC		1.55	111					
1	TRT		1.78	58					
1			2.82	64					

Unit #	29	Unit Type	Pool	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	PGS	n = 2							
1	OC		2.94	67					
1	OC		3.47	68					

E-Fishing Data Form

Cutthroat Trout Revisit, Fall 2000.

Date: 9/24/00	Surveyors: ST, M, J, P	Comments: 1-egg
Location: OFCMS	Water temp. ©:	
Time: 5:00	Air Temp. ©:	E-Fish setting: I-5-300

Species Codes: OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back
PGS = Pac. Giant Salam., Ammo = ammocete, BLamp = Brook lamprey, Plamp = Pacific Lamprey

Unit #	UnitType	1 pass/Dep	Times: P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)	

Pass#	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)	

Unit #	Unit Type	1 pass/Dep	Times: P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)	
1	W. sculpin	50280 mm (trout)			unit complex	

Unit #	Unit Type	1 pass/Dep	Times: P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)	
1	OK		205	73		
1	OK		148	55		
1	OK		135	54		
1	OK		119	78		

Unit #	Unit Type	1 pass/Dep	Times: P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)	
1	OK		12.01	113	E-Fish - Grand Ditch, for 1000 ft. E-Fish	

E-Fishing Data Form

Cutthroat Trout Revisit, Fall 2000.

Date: 9/29/00	Surveyors: ST, PA, J, M, W	Comments: Sunny
Location: UPCM5	Water temp. ©:	
Time: 5:30	Air Temp. ©:	E-Fish setting: II - 5-30V

Species Codes: OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back
 PGS = Pac. Giant Salam., Ammo = ammocete, BLamp = Brook lamprey, Plamp = Pacific Lamprey

Unit # 56					
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	PGS	V=2			
1	OC		1.1	80	
1	OC		1.1	80	

Unit # 55		Unit Type	Pool	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	PGS	IV=2							
1	OC		7.24	88					
1	OC		1.15	57					

Unit # 54		Unit Type	Pool	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	OC		5.45	80					
1	OC		2.36	61					

Unit # 53		Unit Type	Pool	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	PGS	IV=2							
1	OC		1.05	68					

Unit # 52		Unit Type	Pool	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	OC		10.15	105					
1	OC		2.12	62					
1	PGS	IV=1							

Cutthroat Trout Revisit, Fall 2000.

Comments: *Subm*

E-Fish setting: L-5-300

Unit#	UnitType	Pass	1pass/Dep	1P	Times:	P1	P2	P3	P4
Pass#	Species	PIT Tag#	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	OC		1.44	92					
1	OC		1.32	92					
1	o	N=	1						

Unit#	Unit Type	1pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS 8 Ammo tally)		
1	PGS	NF4					
1	TRC		1.97	55			
1	DC	50709A4E5D	13.62	108	scales taken Right Tail 6 Roll 17		

64		Unit Type	1 pass/Dep	Times: P1 P2 P3 P4			
ra	#	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)	
1		GPS	N/S				
1		HT			~90	only seen but not captured - same call	
1		OL		2.93	61		

Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
	<i>P.</i>	-			
			s s f f		

[illegible]

E-Fishing Data Form

Cutthroat Trout Revisit, Fall 2000.

Date: 9/29/00	Surveyors: STADLER, MLL	Comments: Shallow
Location: UPGMS	Water temp. @:	
Time: 4:10	Air Temp. @:	E-Fish setting: T-S 300

Species Codes: OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back
 PGS = Pac. Giant Salam., Ammo = ammocete, BLamp = Brook lamprey, Plamp = Pacific Lamprey

Unit #	51	Unit Type	Pool	1 pass/Dep	3	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)					
1	OC		323	58						
1	OC		1.99	55						
1	OC	Wet tag	7.85	90	Wet tag					
1	PGS	N=4								
2	PGS	N=3								
3	PGS	N=2								

Unit #	30	Unit Type	Pool	1 pass/Dep		Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)					
1	OC		1.75	55	E-Fish mortality record					
1	PGS	N=1								
1	OC		11.31	104						
1	PGS	N=1			Very large.					

Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)

Unit #	50	Unit Type	Pool	1 pass/Dep		Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)					
1	OC	5020-5040	7.22	100	Small fish, 1st R. 2nd 10					

Unit #	20	Unit Type	Pool	1 pass/Dep		Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)					
1	OC	5032235100	6.15	114	First R. 1st R. 2nd R. 3rd					

E-Fishing Data Form

Cutthroat Trout Revisit, Fall 2000.

Date: 9/28/00	Surveyors: ST, KL	Comments: getting fagg/ again
Location: UPCMS	Water temp. @:	
Time: 1:30	Air Temp. @:	E-Fish setting: I-5-300

es Codes: OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back
 PGS = Pac. Giant Salam., Ammo = ammocete, BLamp = Brook lamprey, Plamp = Pacific Lamprey

Pass#	Species	PIT Tag#	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	PGS	n-3			
1	C		6.72	85	

Unit #	Unit Type	1 pass/Dep	Times:	P1	P2	P3	P4
66	Pool						
Pass #	Species	PIT Tag#	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
1	PGS	n=1					
1	OC		12.02	102			
1	Trt		1.52	54			

Unit #	Unit Type	1 pass/Dep	Times:	P1	P2	P3	P4
67	Pool						
Pass #	Species	PIT Tag#	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
1	OC		17.25	119			

Unit #	Unit Type	1 pass/Dep	Times:	P1	P2	P3	P4
Pass#	Species	PIT Tag#	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		

Unit #	Unit Type	1 pass/Dep	Times:	P1	P2	P3	P4
Pass#	Species	PIT Tag#	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		

E-Fishing Data Form

Cutthroat Trout Revisit, Fall 2000.

Date: 9/28/00	Surveyors: ST KC	Comments: Foggy
Location: UPLMS	Water temp. @ 11:50 11.5	
Time: 11:00 Am	Air Temp. @ 13° @ 11:30	E-Fish setting: I-5-300

ies Codes: OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back
PGS = Pac. Giant Salam., Ammo = ammocete, BLamp = Brook lamprey, Plamp = Pacific Lamprey

Unit #	78	Unit Type	Pool	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	OC		16.01	114					

Unit #	77B	Unit Type	Pool	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	OC		1.95	58					

Unit #	77	Unit Type	Pool	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	TRT		1.06	46	E-Fish mortality - holden in catch				
1	TRT		1.68	54					
1	OC		4.65	70	Photo 5 roll 17				

Unit #	76	Unit Type	Pool	1 pass/Dep	Times:	P1 85	P2 84	P3 86	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	OC		10.24	100					
1	OC		1.97	58					
1	PGS	N=4							
1	TRT			~40	seen but not captured				
2	PGS	N=1							

Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	OC		2.55	64					
1	OC		3.71	70					

Date: 9/29/00 Surveyors: ST KC.
 Location: UPLMS Water temp. ©

Comments: flag stand to a sunny spot.

Unit#	74	Unit Type	Pool	1 pass/Dep	1P	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)					
1	trt			~55						
1	trt			~45	Hut able to set lower block net					
					Both fish swept below LWD					
					+ out of unit - neither captured.					

Unit #	72	Unit Type	Pool	1 pass/Dep	1P	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)					
		fish								

Unit #	72	Unit Type	Pool	1 pass/Dep	1P	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)					
		fish								

Unit#	71	Unit Type	Pool	1 pass/Dep	1P	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)					
1	OC		2.11	58						
1	trt		0.76	41						
1	DGS	n=4								

Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)					
1	plGS	n=6								
	trt		1.35	54						
	trt		1.26	50						
1	OC		10.26	98						

Fall 00 Habitat Data Form

Cover Types: UB-undercut bank, SWD-small wood debris(<12" dia), LWD-large wood debris(>12" dia), RM-root mass,

TV-terr. Veg., AV-aquatic veg., BC-bubble curtain, BO-boulder(>10" dia), BL-bedrock ledges.

Cover < .25m off water, dims. to 0.1 m, as rectangle or triangle, third dim. # is hyp. of rt. triangle, all others are rectang.

10/11/00 Reach: UACMS Crew: ST /sandy - No Rain

Unit #	NSO #	Unit Type	Length (m)	Widths			Max. Dp. (m)	Tail Dp. (m)	Cover Type	Dimens. (m)	MD = Max. Depth Comments
				W1	W2	W3					
40		Pool	Same	0.7	1.7	1.3	0.17	0.04		x x	MD = Scour beneath LWD
41		"	"	1.0	1.4	1.0	0.32	0.03		x x	MD = Lat scour UB
42		"	"	1.2	0.9	1.5	0.22	N/A		x x	MD = Scour beneath LWD
43B	83	Pool	"	sub surf	1.4	0.8	~0.35	N/A		x x	MD = Scour beneath LWD
43A	81	Pool	"	1.0	1.2	sub surf	~0.37	0.03		x x	MD = " " "
44		"	"	1.7	0.8	1.8	0.30	0.04		x x	MD = " " "
45		"	"	0.6	1.2	1.2	0.14	0.04		x x	MD = Lat. scour UB
46		"	"	0.7	1.8	0.5	0.14	0.04		x x	MD = Scour under LWD
47		"	"	0.5	0.9	0.9	0.17	0.05		x x	MD = " Lat. "
47B		"	"	0.7	1.0	0.8	0.30	0.05		x x	MD = " " "
48		"	"	0.6	1.0	0.6	0.28	0.03		x x	MD = LWD Plunge
										x x	Trunk from L. Bank Conf. Area
49		"	"	1.4	0.8	0.9	0.50	N/A	sub surf	x x	MD = Lat Scour LWD + Scour beneath LWD
50		"	"	0.5	1.0	1.2	0.15	0.03		x x	MD = Scour beneath LWD
51		"	"	0.7	1.6	0.9	0.14	0.04		x x	MD = " " "
52		"	"	1.2	1.0	0.9	0.22	0.03		x x	MD = Lat Scour LWD
53		"	"	1.0	1.1	0.9	0.22	0.03		x x	MD = Lat Scour UB + Lat Sc. SWD
54		"	"	1.1	2.1	2.8	0.39	0.05		x x	MD = Scour beneath LWD
		"	"	1.2	1.0	0.9	0.32	0.05		x x	MD = Lat scour UB
		"	"	0.8	1.1	0.6	0.20	0.03		x x	MD = Scour beneath LWD
57		"	"	2.3	3.0	1.3	0.26	0.03		x x	MD = " " "
58		"	"	1.0	1.0	1.3	0.20	0.04		x x	MD = Scour beneath LWD
59		"	"	1.3	1.7	0.7	0.37	0.04		x x	MD = " " "
60		"	"	1.1	1.4	1.1	0.21	0.06		x x	MD = Lat Scour UB
61		"	"	1.3	1.4	1.2	0.20	0.05		x x	MD = Lat Scour BO + SWD
62		"	"	1.7	—	1.5	0.21	N/A	sub surf	x x	MD = LWD + RM Plunge + LWD
63		"	"	1.1	1.5	1.2	0.17	0.06		x x	MD = Scour beneath LWD
64		"	"	1.0	0.9	0.6	0.13	0.05		x x	MD = Scour Lat. UB
65		"	"	1.1	1.1	0.8	0.26	0.05		x x	MD = Lat. Scour UB + RM (attn. nearby)
66		"	"	0.9	1.3	1.1	0.18	0.05		x x	MD = Lat Scour UB
67		"	"	1.3	1.8	1.2	0.21	N/A	sub surf	x x	MD = Scour beneath SWD + UB Lat. Sc.
68		"	"	0.9	1.7	2.2	0.34	0.04		x x	MD = LWD Plunge
69		"	"	1.2	1.0	0.9	0.15	0.02		x x	MD = Lat. Scour UB
70		"	"	1.5	1.3	1.0	0.20	0.03		x x	MD = Lat Scour Bank
71		"	"	0.7	1.3	1.4	0.10	0.04		x x	MD = Lat Scour Bank
72		"	"	1.0	~1.0	—	~0.8	N/A		x x	MD = Scour beneath LWD
										x x	No longer pool - not connected to channel
73		"	Same	0.7	0.5	0.8	0.10	0.02		x x	MD = Scour beneath SWD
74		"	"	0.7	0.5	1.0	0.12	0.04		x x	MD = " " LWD
75		"	"	1.7	—	0.8	~0.40	0.04		x x	MD = Scour beneath RM (LWD)
		"	"	1.1	0.8	0.8	0.23	0.04		x x	MD = Lat. Scour UB
11		"	"	1.6	1.3	1.0	0.11	0.03		x x	MD = Lat Scour Bank
76	3	"	4m	1.1	1.9	0.7	0.23	0.04		x x	MD = Scour beneath LWD
78		"	Same	1.0	1.5	0.9	0.21	0.04		x x	MD = " " "

#75 was sampled only from downstr. end - unit is beneath ~5" DBH Redwoods that are splitting

'Fall 00 Habitat Data Form

Cover Types: UB-undercut bank, SWD-small wood debris(<12"dia), LWD-large wood debris(>12"dia), RM-root mass, TV-terr. Veg., AV-aquatic veg., BC-bubble curtain, BO-boulder(>10"dia), BL-bedrock ledges.

Cover < .25m offwater, dims. to 0.1 m, as rectangle or triangle, third dim. # is hyp. of rt. triangle, all others are rectang.

Date: 10/11/00 Reach: UPCM5 Crew: ST Cloudy: No Rain.

iit #	NSO #	Unit Type	Length (m)	Widths			Max. Dp.(m)	Tail Dp.(m)	Cover Type	Dimens. (m)	MD = Max Depth = Comments
				W1	W2	W3					
32B	164	Pool	Same	.8	1.3	3.3	0.20	0.02		x x	Max D = Lat Scour LWD
31	163	Pool	Same	1.6	1.3	1.6	0.30	0.04		x x	MD = LWD Plunge + LWD lat. Sc
30		Pool	Same	0.9	0.9	0.9	0.15	0.05		x x	MD = LWD Scour beneath
29		Pool	Same	0.7	1.1	0.7	0.14	0.01		x x	MD = LWD Scour beneath
28		Pool	"	1.2	1.3	0.8	0.32	0.03		x x	MD = Scour beneath LWD
27		"	"	1.2	1.6	0.9	0.24	0.03		x x	MD = LWD Plunge + Scour beneath LWD
26		"	"	0.8	1.3	0.8	0.29	0.02		x x	MD = Scour beneath LWD
25		"	"	0.8	0.9	1.2	0.17	0.03		x x	MD = Lat Scour LWD
24		"	"	1.0	1.0	0.9	0.13	N/A	sub surf.	x x	MD = Lat Scour Bank
23		"	"	0.7	1.9	1.6	0.26	0.03		x x	MD = LWD Plunge
22		"	"	1.1	0.7	0.7	0.19	0.04		x x	MD = LWD Scour beneath
21		"	"	0.6	0.8	0.7	0.08	0.05		x x	MD = SWD Scour Lat.
										x x	N/A
20		"	"	1.2	0.9	0.7	0.31	N/A	sub surf.	x x	MD = LWD Plunge + LWD Scour Beneath
19		"	"	1.6	1.7	1.5	0.25	0.03		x x	MD = Scour beneath LWD
18		"	"	0.8	0.7	0.8	0.11	0.04		x x	MD = Lat Scour SWD + Bank
17		"	"	0.8	0.7	0.5	0.17	0.02		x x	MD = Lat Scour bank
16		"	1.7	0.6	0.8	0.7	0.04	N/A		x x	used to be LWD Plunge + Scour beneath
				1.2	1.6	1.2	1.			x x	All but Dry - water drains thru bo
										x x	of unit 1 - N/A
15		"	Same	1.2	1.6	1.2	0.34	0.02		x x	MD = Scour beneath LWD + LWD Plunge
14		"	"	2.0	3.7	1.4	0.45	0.04		x x	MD = Scour beneath LWD
13		"	3.0	0.3	0.4	1.0	0.10	0.02		x x	MD = LWD Lat Scour
12		"	Same	?	1.2	0.9	0.09	N/A		x x	Unit Now a r.f. @ low flow
				0.9	1.					x x	Max D = LWD Scour beneath
11		Pool	Same	0.9	1.1	0.7	0.10	0.03		x x	Unit now run-like. MD = Lat Scour
10		"	"	1.6	1.8	1.6	0.45	0.03		x x	Max D = Scour beneath UB + SWD
9		Pool	"	0.8	1.1	0.5	0.13	N/A		x x	Max D = Scour beneath UB
8		Pool	"	1.2	1.5	1.2	0.23	0.04		x x	Max D = Scour beneath LWD + SWD
7		"	"	1.1	1.0	0.9	0.17	0.04		x x	MD = Lat. Scour UB + SWD
6		"	"	0.8	0.9	0.6	0.14	0.05		x x	MD = Lat Scour UB
5		"	"	1.2	1.2	0.8	0.14	0.03		x x	MD = Lat Scour LWD
4		"	"	1.0	1.1	1.1	0.22	0.04		x x	MD = Lat Scour UB
3		Pool	1.6m	0.7	0.7	0.5	0.12	0.02		x x	MD = SWD Plunge
										x x	Unit Used to be a dammed
2		"	Same	1.7	3.2	1.1	0.38	0.03		x x	MD = Lat Scour LWD + Scour under
1	107	"	"	0.9	1.4	0.8	0.26	0.03		x x	MD = Lat Scour UB
32	103	"	"	1.6	2.0	1.5	0.22	0.05		x x	MD = Scour beneath LWD
33		"	"	1.2	1.6	0.8	0.19	0.02		x x	MD = SWD Plunge (N/A - Scour)
34		"	"	1.2	2.5	0.6m	0.40	0.04		x x	MD = Scour beneath LWD
25		"	"	0.8	0.8	0.8	0.18	0.02		x x	MD = Lat Scour UB
		"	"	1.4	1.0	1.2	0.19	0.04		x x	MD = Lat Scour UB + SWD (N/A)
37		"	"	1.3	1.7	0.8	0.33	0.03		x x	MD = Lat Scour beneath LWD
38		"	"	1.0	1.2	0.6	0.13	0.04		x x	MD = Lat Scour UB
39		"	"	1.2	1.7	1.4	0.25	0.04		x x	MD = SWD Plunge + LWD Scour

E-Fishing Data Form

Cutthroat Trout Revisit, Fall 2000.

Date: 10/22/00 Surveyors: KG; JR; TM; ST; STW Comments:

Location: LPC Water temp. @ 9°

Time: 2:30 Air Temp. @ 11°

E-Fish setting: F-5 200/300

Species Codes: OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Pnckly), GA = stickle back

PGS = Pac. Giant Salam., Ammo = ammocete, BLamp = Brook lamprey, Plamp = Pacific Lamprey

Unit #	Unit Type	POOL	1 pass/Dep	DEP	Times: (P1) 811/541 P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
1	OK		2.62	57	1 Ammo		
1	OK		4.20	70			
1	OK		3.04	61			
1	OK		11.04	95			
1	OK		2.02	54			
1	OK		2.72	59			
1	OK		3.48	66			
1	OK		5.64	89			
1	OK		2.08	55			
1	OK		4.48	70			
1	OK		3.32	61			
1	OK		1.86	54			
1	OK		1.78	54			
1	OK		2.92	60			
1	OK		10.89	97			
1	OK		2.84	63			
1	OC		13.41	110			
1	TRT		28.86	137			
1	TRT		34.07	148			
1	OC		4.90	75			
1	OC		5.38	80			
1	TRT		.86	44			

Unit #	Unit Type	POOL	1 pass/Dep	DEP	Times: (P1) 811/541 P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
1	OK		2.62	64			
1	OC	413 7214 745	50.13	167	Photo # 23 Roll # 19		
1	OC		122.02	220			
1	OK		1.6	57	1X PGS		
1	OK		2.38	66			
1	OK		4.90	73	1 ammocete		
1	OK		2.73	61			
1	OK		2.70	62			
1	OK		4.08	70			
1	OK		3.25	65			
1	OC		4.24	72			
1	OC		23.58	139			
1	GA		1.75	56			
1	OK		3.86	69			
1	OK		1.52	50			
1	OK		1.84	55			
1	OC		12.39	105			
1	OC		20.99	128	MORTALITY		
1	OK		1.71	55			
1	OK		3.7	69			
1	OK		1.85	53			
1	TRT		1.69	51			

Date: 10/22/00
 Location: LPC
 50

Surveyors: ST; SWT; KG; TM; JR
 Water temp. @: 9°

Comments.

Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments fincl. PGS & Ammo tally
1	OK		10.42	95	
1	TRT		33.85	147	
1	OC		15.61	114	
1	OC		6.06	83	
1	OK		8.30	86	
1	OK		4.04	70	
1	OK		3.50	67	
1	OK		2.09	57	
1	OK		2.65	60	
1	OK		3.90	65	
1	OC		12.33	105	
1	OK		6.26	81	
1	OK		2.64	60	
1	OK		5.41	73	
1	OK		4.0	66	
1	OK		3.35	66	
1	OK		2.25	59	
1	OC		8.20	89	
1	OC		13.46	111	
1	OC		4.99	79	
1	OK		5.94	75	
1	OK		2.58	60	

Unit # 3 (contd)	Unit Type POOL	1 pass/Dep	DER	Times: (P1) 403/405 (P2) 430/525 (P3) 436/463 (P4) 417/507	
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	OC		50.55	171	
1	OC		8.61	99	1 PGS
1	TRT		3.11	65	
1	OC		9.31	107	
1	OK		4.86	74	
1	GA		2.10	59	
1	OK		1.60	53	
1	OK		5.70	73	
1	TRT		2.78	61	
1	OC	# 4137082A14	26.90	138	
2	OC		15.71	116	
2	OK		4.88	73	~~11~~ ammo
2	OK		3.84	67	11 PGS
2	GA		1.86	55	
2	OC		9.43	107	
2	OC	# 41367C771E	12.28	105	PHOTO #24 ROLL #A
3	OC		10.97	102	11 ~~11~~ ammo
3	OC		4.44	74	1 PGS
3	OK		2.88	62	
3	OC		29.03	141	shed tag - scales RT. - scan visible
4	GA				11 PGS
4	OC		5.93	82	1 ~~11~~ ammo

E-Fishing Data Form

Date: 10/22/00	Surveyors: ST; SWT; KE; TM; JR	Comments:
Location: LPC	Water temp. © 9°	
Time: 4:45	Air Temp. © 11°	E-Fish setting: 200/300

Unit #	4	Unit Type	POOL	1 pass/Dep	Dep	Times.	(P1 47/612 P2 50/1010 P3 55/02 P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
1	OK		2.32	2			
1	OK		6.58	82			
1	OK		2.88	69			
1	OK		7.82	98			
1	OK		3.23	74			
1	OK		1.43	78			
1	OK		.43	65			
1	OK		.99	53			
1	OK		.52	69			
1	OK		6.95	81			
1	OK		1.30	55			
1	OK		1.85	55			
1	OK		1.61	52	GA - III		
1	OK		2.94	64			
1	OK		2.20	58	Ammo - III		
1	OK		3.79	65	PGS - IIII		
1	OK		1.86	55			
1	OK		1.70	53	Large PGS - I		
1	OK		2.69	62			
1	trt		1.07	46			
1	OK		3.39	66			
1	OC		11.15	100			

Unit #	4	Cont.	Unit Type	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	trt		21.48	125					
1	OK		2.45	60					
1	OK		3.69	108					
1	OK		4.87	75					
1	trt		12.82	105					
1	trt		35.34	150					
1	OC		11.94	107					
1	OC		14.80	122					
1	trt		1.99	58					
1	OK		2.87	64					
1	OC		11.50	100					
1	trt		3.65	102					
1	OC	411035171E	26.77	139	Photo #3 Roll #20				
1	OC	Shed tag	74.08	190	Scales Photo #4 Roll #20				
2	OK		3.31	105	PGS - IIII				
2	OK		5.30	79	Ammo - IIII				
2	OK		7.70	85	GA - II				
2	OK		12.81	100	Large Aquat PGS - III				
2	OK		5.19	77					
2	OK	Shed tag	95.89	207	Photo #5 Roll #20				
2	OK		3.12	104					
2	OK		4.34	72					

Cutthroat Trout Revisit, Fall 2000.

Species Codes OC = cutthroat, TRT = trout, OK = who, OT = chinook, CP = sculpin (Prickly), GA = stickle back
PGS = Pac. Giant Salam., Ammo = ammocete, BLamp = Brook lamprey, Plamp = Pacific Lamprey

[illegible]

Cutthroat Trout Revisit, Fall 2000.

Species Codes OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prtckly), GA = stickle back
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Unit #	Unit Type	1 pass/Dep	Times: P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)	
1	OK		2.57	51		
1	OC		1.75	104		
1	TRT		1.33	52		
1	TRT		.72	50		
1	OK		1.11	52		
1	TRT		.72	56		
1	GA		2.39	52		
1	OK		2.85	50		
1	OK		1.09	53		
1	OK		.4	4		
1	OK		2.39	56		
1	OK		1.12	53		
1	OK		2.47	59		
1	OK		2.74	57		
1	OK		2.38	60		
1	OK		2.39	62		
1	OK		2.08	67		
1	OK		2.57	66		
1	OK		2.62	65		
1	TRT		1.78	65		
1	OK		2.07	47		
1	OK		2.35	153		

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Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	OC	41371D2A60	13.22	106	PHOTO #6 ROLL #20
1	TRT		1.80	55	MORTALITY
1					GA 1
1					PGS IIII IIII
2	TRT		.53	37	
2	OK		3.41	68	PGS IIII IIII
2	TRT		.65	40	
2	TRT		1.58	54	
2	TRT		1.56	54	
2	TRT		1.40	50	
2	TRT		1.99	57	
2	OK		2.24	58	
2	OC		4.15	72	
2	OC		17.95	122	
3	TRT		1.70	54	1 CLAMP
3	TRT		.94	46	IIII IIII PGS
3	TRT		1.33	50	
-					
-					

Unit#	Unit Type	pass/Dep	Time	Time	Time	Time
1	OC		4.15	67	PGS	THI THI
1	OC		3.29	66		
1	OC		9.95	100		
1	TRT		13.68	120		
1	TRT		1.19	48		
1	TRT		1.74	55		
2	TRT		70	40		
2	OC		4.80	77		
3	-	Ø FISH			1	TAIL FROG

E-Fishing Data Form

Cutthroat Trout Revisit, Fall 2000.

Date 10/23/00	Surveyors: ST; SUT; ANTHONY	Comments
Location: LPC	Water temp. @: 9	
Time: 1:00	Air Temp. @: 11	E-Fish setting: I-5 200

Species Codes OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back
 PGS = Pac Giant Salam, Ammo = ammocete, BLamp = Brook lamprey, Plamp = Pacific Lamprey

Unit #	5	Unit Type	R UN	1 pass/Dep	DET	Times: (P1) 541/470 P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)			
1	OC		2.26	60				
1	OC		2.93	64	PGS	1		
1	TRT		3.12	65	AMMO	4		
1	OC		11.52	105	PLAMP	1		
1	OK		3.51	68				
1	TRT		4.30	72				
1	TRT		1.58	54				
1	OC		9.71	96				
1	OK		4.46	70				
1	OK		2.01	65				
1	TRT		2.15	60				
1	OK		4.99	76				
1	TRT		1.76	54				
1	OC		1.92	60				
1	OK		3.12	66				
1	OK		2.49	63				
1	TRT		1.30	57				
1	OK		5.09	67				
1	OC		4.83	78				
1	TRT		13.71	105				
1	OK		2.59	61				
1	OK		3.21	65				

Unit #	5 (CONT'D)	Unit Type		1 pass/Dep	Times: (P1) 541/470 P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
1	TRT		1.35	40			
1	TRT		2.58	67			
1	TRT		1.74	56			
1	OC		5.67	70			
1	OK		2.00	56			
1	TRT		3.90	72			
1	OC		3.07	69			
1	OK		5.03	77			
1	OK		2.16	55			
1	TRT		1.50	38			
1	TRT		1.33	52			
1	OK		2.23	59			
1	OK		2.47	61			
1	TRT		2.10	50			
1	OC		2.19	58			
1	OK		3.65	70			
1	OC		9.54	92			
1	TRT		2.58	64			
1	OK		6.22	68			
1	OC		15.10	115			
1	TRT		1.63	53			
1	OC		12.42	110			

Cover Types: UB-undercut bank, SWD-small wood debris(<12"dia), LWD-large wood debris(>12"dia), RM-root mass, TV-terr. Veg., AV-aquatic veg., BC-bubble curtain, BO-boulder(>10"dia), BL-bedrock ledges.

[illegible]

E-Fishing Data Form

Date: 9/19/00 cont'd Surveyors: ST, AC.

Comments:

Water temp.©:

Air Temp. ©:

E-Fish setting: I-5-300

Unit#	68	Unit Type	Doo!	Pass/Dep		Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)					
1	PGS	n=2								
1	OC	501D584345	17.54	118	Photo #2..					
1	TRT		0.71	41						

Unit#	67	Unit Type	Pool	1 pass/Dep	Times:	P1	P2	P3	P4
Pass#	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	PGS	n = 3							
1	OC		36.08	150	photo #3				
1	OC		7.70	92					
1	OC	5032213E51	15.57	117	Photo #4				

[illegible]

Pass#	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	PGS	A=1			
1	TRT		1.40	51	

[illegible]

Date: 9/19/00 Surveyors: ST, AC
 Location: UPC TT Water temp. ©:

Comments: warm & sunny

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Unit #	73	Unit Type	Pool	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	PGS	n=1							

Unit #	72	Unit Type	Pool	1 pass/Dep	DEP	Times:	P1	64	P2	60	P3	65	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)								
2	PGS	n=2											
1	OC		9.23	96									
1	TAT		0.93	45									
1	TRT		0.77	42									
2	-	Ø Fish											
3	-	Ø Fish											

Unit #	71	Unit Type	Pool	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	PGS	n=1							
1	Blamp	n=1			Photo Roll # 16				
1	OC	50105E2CIF	23.10	131	Photo # 1				

Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	PGS	n=1							
1	TRT		1154	53	Full Bell.				
1	TRT		1.50	54					
1	OC		1.53	84					

Unit #	69	Unit Type	Pool	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
	OC		1.73	56					
1	TRT		9.78	43					
	OC		11.48	102					

E-Fishing Data Form

Cutthroat Trout Revisit. Fall 2000.

Date: 9/18/00 cont'd Surveyors: ST, AC
Location: WPC TT Water temp. ©:

Comments:

Unit #	59	Unit Type	Pool	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	PGS	n = 5							
1	OC		5.58	80					
1	OC		1.64	54					
1	TRT		1.15	48					

Unit #	58	Unit Type	Pool	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	PGS								
1	TRT		1.02	46					

Unit #	57	Unit Type	Rifle	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	PGS	n = 3							
1	TRT		0.75	42					
1	OC		2.68	61					
1	TRT		1.35	51					

Unit #	56	Unit Type	Pool	1 pass/Dep	Dep	Times:	P1 6d	P2 57	P3 58	P4
Pass #	Species	PIT Tag #		Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	TRT			0.52	37	MORT - in gravel under e-tail				
1	TRT			1.64	54					
1	PGS	n = 1								
a	PGS	n = 1								
a	-	Ø fish								
3	PGS	n = 1								
-3	-	Ø fish								

Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	PGS	n = 3							
1	TRT			~45	missed As!				
1	OC		4.40	93					

E-Fishing Data Form

Cutthroat Trout Revisit, Fall 2000.

Date: 9/18/00 cont'd	Surveyors: ST, AC	Comments:
Location: WPC TT	Water temp. @: 15°C	
Time: 3:50	Air Temp. @: 20°C	E-Fish setting: J-S-300

Species Codes: OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back
 PGS = Pac. Giant Salam., Ammo = ammocete, BLamp = Brook lamprey, Plamp = Pacific Lamprey

Unit #	64	Unit Type	Pool	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	TRT			~40	missed fish				
1	OC		2.23	60					

Unit #	63	Unit Type	Pool	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	PGS	n = 4							
1	TRT		0.80	41					
1	TRT		0.99	45					
1	TRT		1.41	52					
1	TRT		1.85	56					

Unit #	62	Unit Type	Pool	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	PGS	n = 2							
1	OC		6.31	86					

Unit #	1	Unit Type	Pool	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	PGS	n = 1							
1	TRT		1.37	49					
			1.94	53					

Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	OC		1.89	56					
1	OC		7.37	90					

E-Fishing Data Form

Cutthroat Trout Revisit, Fall 2000.

Date: 9/19/00 Surveyors: ST, KC Comments: Sunny
 Location: UPCTT Water temp. @: 14 @ 12:00
 Time: 11:20 AirTemp. @: 17 @ 12:00 E-Fish setting: I-5-300

Species Codes: OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back
 PGS = Pac. Giant Salam., Ammo = ammocete, BLamp = Brook lamprey, Plamp = Pacific Lamprey

Unit#	50	Unit Type	0001	1 pass/Dep	Times:	P1	P2	P3	P4
Pass#	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	OC		6.93	84					
1	OC		17.07	116					

Pass#	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	PGS	N=3			2 terrestrial
1	FrT		1.25	49	
1	OC		2.10	59	
1	OC		9.42	96	

1#	#	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	1	PGS	N=2			
1	1	OC		2.03	57	

Pass#	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	PGS	N=2			
...	OC	50322D7E73	11.92	102	photo 5: roll 16

Pass#	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	PGS	N=1			
					saw a fish approx 50mm but did not capture

Date: 9/19/00	Surveyors: ST, KC	Comments: Sunny
Location: UPL TT	Water temp. ©:	
Time: 11:00	Air Temp. ©:	E-Fish setting: I.S. 300

1	OC		1.66	55	
1	OC		1.64	54	

This Unit Sampled on 9/18/00
ST, AC

Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	OC		2.53	59	
1	trt		.81	44	

#	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	pgs	N=1			
1	red legged frog	N=1			

Unit #	Unit Type	Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
52	pool	1	pgs	N=1			
		1	trt		.66	40	
		1	trt		.97	46	

Unit #	Unit Type	Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
51	pool	1	pgs	N=1			
		1	tailed frog larva				
			OC		9.33	95	

E-Fishing Data Form

Cutthroat Trout Revisit. Fall 2000.

Date: 9/19/00

Surveyors: ST, KC

Comments: Sunny

Location: UPECTT

Water temp. @ 14 @ 12'00

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Pass#	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	OC		2.03	57	bug eyed left eye has blood
	DAS	N=1			

Pass#	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	trt		.99	48	
1	OC		1.61	54	
1	trt		1.13	49	

Pc #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	OC		15.26	109	E-fish brand / posterior to dorsal
1	trt		.36	34	

Unit #	Unit Type	1 pass/Dep	Times:	P1	P2	P3	P4
Pass#	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		

Unit #	Unit Type	1 pass/Dep	Times:	P1	P2	P3	P4
Pass#	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		

Cutthroat Trout Revisit, Fall 2000.

Comments:

Water temp. (°C):

E-Fish setting: I-5-300

Species Codes: OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back
PGS = Pac. Giant Salam., Ammo = ammocete, BLamp = Brook lamprey, Plamp = Pacific Lamprey

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Cutthroat Trout Revisit: Fall 2000.

I	trt		1.39	52	PHOTO 18
I	OC		12.25	98	↓ ↓
I	P6S	n = 5			
I	trt				missed ~ 35-40 mm.

Unit #	Unit Type	Pass/Dep	Times:	P1	P2	P3	P4
#	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
1	PLS	n = 3	~~8.85~~	~~95~~			
1	trt		2.00	54			
1	OC		8.85	95			
2	PLS	n = 7					
2	TFTP	n = 1					
3	trt		0.70	41			
3	~~A~~						

Pass#	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	OC		9.91	95	
1	OC		5.00	80	NO ADIPOSE; NO TAIL BLUBB SCARF; NO SCARF ON BELLY
1	TRT		1.21	59	
1	TRT		1.52	50	
1	PGS	N=1			

Unit#	86	Unit Type	PJOL	1 pass/Dep	1P	Times: P1	P2	P3	P4
Pass#	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	TRT		0.27	31					
1	TRT		0.47	37					
	TRT		0.92	46					
1	OC	5032261736	13.02	108	Photo 19 Roll 15;				
1	PGS	n=2							

Cutthroat Trout Revisit, Fall **2000.**

E-Fish setting: I-5300

Species Codes: OC = cutthroat, TRT = trout, **OK** = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back
PGS = Pac. Giant Salam., Ammo = ammocete, BLamp = Brook lamprey, Plamp = Pacific Lamprey '

[illegible]

Pass#	Species	PIT Tag#	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	PGS	n = 1			possible Fish missed
1	OC	501DS8021F	9.84	96	photo #24 Ball 19
					1

F	#	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
	1	SC		783	86	

[illegible][illegible]

E-Fishing Data Form

Date: 9/17/00 Surveyors: ST, SH, SH
 Location: JPCIT Water temp. ©:

Comments: SUNNY

Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	TRT		1.13	51	
1	TRT		.88	47	
1	OC		16.58	112	
1	TRT		.86	46	
1	PGS	n = 4			

Unit#	Unit Type	1 pass/Dep	1P	Times:	P1	P2	P3	P4
80	POOL							
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)			
1	OC	50322F55.17	12.58	106				
1	PGS	n = 1						

Unit#	Unit Type	1 pass/Dep	1P	Times:	P1	P2	P3	P4
79	POOL							
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)			
1	OC							

Unit#	Unit Type	1 pass/Dep	1P	Times:	P1	P2	P3	P4
78	POOL							
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)			
1	OC		14.62	104				
1	PGS	n = 1						

Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	OF		5.97	80	missed ~ 85 mm + ct
1	tc+		0.91	54	
	Li. amm	n = 1			
1	PGS	n = 1			

E-Fishins Data Form

Location: *UATT*
Time: *2:25*

Water temp. ©: *12°C @ 3:20*
Air Temp. ©: *13°C @ 3:20*

Comments: *Sunny.*

E-Fish setting: *I-5-300*

Unit #	Unit Type	Pass/Dep	Times:	P1	P2	P3	P4
<i>42</i>	<i>Pool</i>	<i>1</i>					
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
<i>1</i>	<i>PGS</i>	<i>N=3</i>			<i>very shallow</i>		
<i>1</i>	<i>OC</i>		<i>2.22</i>	<i>60</i>			

Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
<i>1</i>	<i>OC</i>		<i>7.82</i>	<i>70</i>			
<i>2</i>	<i>PGS</i>	<i>N=1</i>					
<i>3</i>	<i>OC</i>						

Unit #	Unit Type	Pass/Dep	Times:	P1	P2	P3	P4
<i>1</i>	<i>Pool</i>	<i>1</i>					
#	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
<i>1</i>	<i>PGS</i>	<i>N=2</i>					
<i>1</i>	<i>Tailed Frog Larva</i>	<i>N=1</i>					
<i>1</i>	<i>OC</i>		<i>10.57</i>	<i>98</i>	<i>Foto 6</i>	<i>Roll 16</i>	
<i>1</i>	<i>TRT</i>		<i>0.52</i>	<i>38</i>	<i>Foto 6</i>	<i>Roll 16</i>	
<i>1</i>	<i>TRT</i>		<i>1.21</i>	<i>50</i>	<i>Foto 6</i>	<i>Roll 16</i>	

Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
<i>1</i>	<i>PGS</i>	<i>N=2</i>					
<i>1</i>	<i>OC</i>	<i>50/D62197B</i>	<i>9.96</i>	<i>98</i>	<i>Foto 7</i>	<i>Roll 16, AT Scales</i>	

Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
<i>1</i>	<i>TRT</i>		<i>0.70</i>	<i>41</i>			
<i>1</i>	<i>OC</i>		<i>22.59</i>	<i>127</i>			

, E-Fishing Data Form

Cutthroat Trout Revisit, Fall 2000.

Date: 9/22/00	Surveyors: ST, AD	Comments: Sunny
Location: UPCIT	Water temp. ©:	
Time: 4:15	Air Temp. ©:	E-Fish setting: I-5-300

Species Codes: OC = cutthroat, TRT = trout, OK = who, OT = chinook, CP = sculpin (Prickly), GA = stickle back
 PGS = Pac. Giant Salam., Ammo = ammocete, BLamp = Brook lamprey, Plamp = Pacific Lamprey

Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	PGS	N=1			
1	OC		4.42	76	
1	TRT		1.09	48	

Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	OC		1.69	55	

#	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	PGS	N=2			
1	OC	shed tag	26.23	135	scales Right Foto 8 Roll 16
1			11.73	41	

Unit#	Unit Type	Pass/Dep	Times: P1	P2	P3	P4
7	Pool	1 pass/Dep				
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)	
1	PGS	N=5				
1	OC	501D5B1F6D	9.06	97	Scales R Foto 9 Roll 16	

Unit#	Unit Type	Pass/Dep	Times: P1	P2	P3	P4
8	Pool	1 pass/Dep				
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)	
1	OC		6.68	85		
1	TRT		1.00	46		

E-Fishing Data Form

Cutthroat Trout Revisit, Fall 2000.

Date: 9/22/00	Surveyors: ST, AO	Comments: Sunny
Location: UPCTT	Water temp. @:	
Time: 4:15	Air Temp. @:	E-Fish setting: I-5-300

Species Codes: OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back
 PGS = Pac. Giant Salam., Ammo = ammocete, BLamp = Brook lamprey, Plamp = Pacific Lamprey

Unit #	Unit Type	Pool	(1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)			
1	TRT		1.47	53				
1	OC		8.49	93				

Unit #	Unit Type	Pool	(1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)			
1	PGS	N=3						
1	TRT		1.28	50				
	OC		2.24	60				

#	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)			
1	OC		2.79	65				

Unit #	12	Unit Type	Pool	(1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	PGS	N=4							
1	OC		1.91	54	Foto 10	Roll 16			
1	OC		2.12	61	Foto 10	Roll 16			
1	TRT		1.32	51	Foto 10	Roll 16			
	TRT		0.80	46	Foto 10	Roll 16			

Unit #	Unit Type	Pool	(1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)			
1	PGS	N=1						
1	OC		2.34	61				

Surveyors: ST, AD

Water temp. ©:

Air Temp. ©:

Comments: Sunny

E-Fish setting: I-5-300

Pass#	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	P.S	N=1			
1	DL		5.35	75	

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Date: 9/23/00	Surveyors: ST MM etc	Comments:
Location: UPTT	Water temp. ©:	
Time:	Air Temp. ©:	E-Fish setting: I-S-2a

Unit#	19	Unit Type	Pool	1 pass/Dep	Times:	P1	P2	P3	P4
Pass#	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	PGS	n=1							
1	OC	-	2.00	59					

Unit#	21	Unit Type	Pool	1 pass/Dep	Times:	P1	P2	P3	P4
Pass#	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1		⊖ Fish			Now Riffle				

Unit#	22	Unit Type	Pool	1 pass/Dep	Times:	P1	P2	P3	P4
#	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	PGS								
1	OC		2.85	67					

Unit#	23	Unit Type	Pool	1 pass/Dep	Times:	P1	P2	P3	P4
Pass#	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	TFT	n=1 <40 mm			Very Shallow - No capture				

Pass#	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
2	PGS				
1	TFT		1.48	55	
	OC		6.28	84	

Cutthroat Trout Revisit; Fall 2000.

Date: 9-23-00	Surveyors: ST, MM, TG, TM	Comments:
Location: UPCTT	Water temp. ©:	
Time: 10:30	Air Temp. ©:	E-Fish setting: I-3-300

Species Codes: OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back
 - PGS = Pac. Giant Salam., Ammo = ammocete, BLamp = Brook lamprey, Plamp = Pacific Lamprey

Unit #	20	Unit Type	Pool	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	OC		2.05	59					
1	PGS	N=1							
1	FROG	N=1							

Unit #	15	Unit Type	Pool	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	PGS	N=1							
1	TRT		0.89	57					
1	OC		1.86	58					
2		Ø							
3		Ø							

Unit #	16	Unit Type	Pool	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	PGS	N=1							
1	OC		2.82	65					

Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	Tailed Frog	N=1							
1	Trt	N=2 < 40mm			observed but not captured				

Unit #	18	Unit Type	Pool	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	PGS	N=1							
1	Trt	N=1	0.88	43					

E-Fishing Data Form

Cutthroat Trout Revisit, Fall 2000.

Date: 9-23-00 Surveyors: ST, MM, JG, TM
 Location: Water temp. @ 12° @ 3:00
 Time: 2:00 Air Temp. @ 13°

Comments:

E-Fish setting: I-5-300

Species Codes: OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back
 PGS = Pac. Giant Salam., Ammo = ammocete, BLamp = Brook lamprey, Plamp = Pacific Lamprey

Unit #	35	Unit Type	Pool	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	PGS	N=3							
1	OC		3.21	66					

Unit #	36	Unit Type	Pool	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	PGS	N=2							
1	OC		8.67	95					
1	TRT		.70	42					
1	TRT		1.18	50					
1	OC			~135	seen not captured returned 1 hour later still not captured.				

Unit #	37	Unit Type	Pool	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	OC		2.00	64					

Unit #	38	Unit Type	Pool	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	PGS	N=1							
1	TRT		1.0	47	possible Mortality - got hit hard but recovered.				
1	OC		2.13	58					

Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	TRT		1.25	46					
1	OC		2.68	63					

Unit #40 @ Fish 1 pass

Date: 9-23-200
Location: UPCTT

Surveyors: St, mm, JG, TM
Water temp. @: 12°C

Comments:

00

Pass#	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	OC		12.29	106	

Pass#	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	OC		23.13	135	

Unit # 32		Unit Type	Pitfall	(1 pass/Dep)	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	PGS	N=1							
1	OC		23.0	115					
1	OC		1.25	52					

Pass#	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	Fish	missed	~	~85	
1	PGS	N=1			
1	OC		2.18	50	
1	OC		1.50	55	
2	PGS	N=1			
3					
1-3	PGS	N=10			seen not captured

Unit # 3A		Unit Type	1 pass/Dep	Times:	P1	P2	P3	P4
Pass#	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)			
1	OC		1.96	59				
1	OC		1.06	44				
	OC		13.79	109				

Date: 9-23-2000 Surveyors: ST, MM, JG, TM
 Location: UPGTT Water temp. @: 12°C @ 12:00 Noon
 Time: 11:30 Air Temp. @: 15°C @ 12:00 Noon

Comments: Sunny
 E-Fish setting: I-5-306

Unit #	25	Unit Type	Riffle	(1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1		 Fish							
1	PGS	n=1							

Pass#	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	PGS	=							
1	Trt		0.97	45	mortality - Frozen				
1	OC		8.97	96					

Unit #	27	Unit Type	Pool	(1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	PGS	n=3							
1	OC		2.08	60					

Pass#	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	OC	5032359022	34.24	144	Photo #11 Coll #16				

Unit#	29	Unit Type	Pool	(1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	OC		4.24	71					
1	OC		1.71	56					

Cover Types: UB-undercut bank, SWD-small wood debris(<12"dia), LWD-large wood debris(>12"dia), RM-root mass, TV-terr. Veg., AV-aquatic veg., BC-bubble curtain, BO-boulder(>10"dia), BL-bedrock ledges.

Date: 10/11/00 Reach: UPCTT Crew: ST 4:30^{pm} Sunny, some clouds

Date: 10/11/00 Reach: YPCTT

Crew: 5

4:30^{pm} Sunny, some clouds

Unit	NSO #	Unit Type	Length (m)	Widths			Max. Dp. (m)	Tail Dp. (m)	Cover Type	Dimer's. (m)	MD =	Max. Depth.
				W1	W2	W3					Comments	
40		Pool	1.4	0.9	0.8	0.8	0.15	0.06		x x	MD = Scour beneath UB	
39		"	Same	0.7	0.6	0.6	0.16	0.04		x x	MD = " " "	
38		"	Same	~0.8		~0.8	0.15	N/A		x x	MD = Lat Scour LWD + 1/2 Bo Plunge	
37		"	"	—	0.8	1.0	0.19	N/A	Under	x x	MD = Lat Scour BO + Bo Plunge	
36		"	"	0.7	—	1.7	0.45	0.03		x x	MD = Scour beneath LWD	
35		"	"	0.6	1.0	0.7	0.18	0.06		x x	MD = Lat Scour BO	
34		"	"	0.8	1.3	0.5	0.21	0.04		x x	MD = Lat Scour LWD + BO Plunge	
33		"	"	0.8	0.9	0.9	0.20	0.03		x x	MD = Lat Scour UB	
32		R.F.	"	0.7	0.5	0.7	0.11	N/A		x x	MD = Lat " "	
31		Pool	2.4	1.1	1.8	0.7	~0.30	0.01		x x	MD = Scour LWD + Lat Scour	
30		Pool	1.9	1.8	1.8	1.2	0.29	0.02		x x	MD = LWD Plunge	
29		Pool	1.7	0.9	1.3	0.5	0.25	0.03		x x	MD = BO Plunge + Scour beneath LWD	
28		"	Same	Same	—	—	0.50	0.04		x x	MD = " " " " " "	
27		"	"	0.7	0.9	1.0	0.18	0.03		x x	MD = Lat Scour LWD	
26		"	"	1.1	1.0	1.0	0.19	0.04		x x	MD = Scour Beneath LWD + Lat UB Scour	
25		R.F.	"	0.8	1.0	0.7	0.05	N/A		x x		
24		Pool	1.7	1.9	1.2	0.26	0.05			x x	SWD Plunge + Lat Scour UB	
23		Pool	1.0	~0.7	—	~0.7	~0.15	N/A	sub	x x	MD = Scour beneath LWD	
22		Pool	2.8	0.8	1.2	0.8	0.23	N/A	Under	x x	MD = Scour beneath UB + SWD	
21		Pool	Same	0.6	0.8	0.7	0.15	N/A		x x	MD = " " "	
19		Pool	1.5	1.3	—	1.1	0.25	N/A	Complex	x x	This Unit now a R.F.	
18		Pool	1.0	0.7	—	0.6	0.11	~0.03		x x	MD = RM Humble + BO Int. Scour	
17		Pool	Same	0.6	1.1	0.6	0.21	~0.05		x x	MD = BO Cascade	
16		Pool	Same	Same	—	—	0.24	0.04		x x	MD = BO Plunge	
15		Pool	1.9	1.2	1.4	0.9	0.42	0.03		x x	MD = BO Plunge	
10		Pool	Same	0.4	0.9	0.4	0.16	0.05		x x	MD = " " "	
14		Pool	1.5	1.1	1.2	0.9	0.18	0.04		x x	MD = Lat Scour BO / SWD	
13		Pool	1.1	1.7	—	1.1	0.14	0.04		x x	MD = BO Plunge	
12		Pool	1.6	1.1	1.8	1.5	0.19	0.03		x x	MD = SWD + BO Plunge	
11		Pool	1.6	1.2	1.1	1.0	0.14	0.06		x x	MD = BO Plunge	
10		Pool	Same	1.7	1.1	0.8	0.28	0.03		x x	MD = BO Plunge	
9		Pool	"	1.8	2.1	1.8	0.29	0.04		x x	MD = SWD Plunge	
8		"	2.2	0.9	1.3	1.0	0.18	0.03		x x	MD = Lat Scour BO	
7		Pool	Same	1.7	1.7	1.5	0.24	0.02		x x	MD = Scour beneath LWD	
6		Pool	2.2	1.7	1.6	1.6	0.38	0.04		x x	MD = LWD Plunge + Scour Beneath LWD	
5		Pool	2.7	0.8	1.4	0.8	0.24	0.04		x x	MD = Lat Scour BO	
4		Run	4.2	0.9	1.2	0.8	0.17	0.05		x x	MD = " " LWD	
		Pool	Same	1.5	2.1	1.7	—	—		x x	Think this should be pool.	
3		Pool	Same	1.5	2.1	1.7	0.35	0.04		x x	MD = SWD Plunge	
2		Pool	3.2	0.9	1.9	1.3	0.36	0.04		x x	MD = LWD + Lat Scour	
		Pool	2.3	0.9	1.5	1.3	0.24	0.03		x x	MD = Scour Beneath LWD	
										x x		
										x x		

E-Fishing Data Form

Cutthroat Trout Revisit, Fall 2000.

Date: 10-15-00 Surveyors: 4T

Location: LSC Water temp. ©:

Time: 4:05 Air Temp. ©:

Comments:

E-Fish setting: T-6-300

Species Codes: OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back

PGS = Pac. Giant Salam,, Ammo = ammocete, BLamp = Brook lamprey, Plamp = Pacific Lamprey

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E-Fishing Data Form

Cutthroat Trout Revisit, Fall 2000.

Date: 10-15-00	Surveyors: ST, J. Fisher, J. A. C.	Comments:
Location: LSC	Water temp. @:	
Time: 2:30	Air Temp. @:	E-Fish setting: I-S-300

Species Codes: OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back
 PGS = Pac. Giant Salam., Ammo = ammocete, BLamp = Brook lamprey, Plamp = Pacific Lamprey

Unit #	15 cont	Unit Type	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)			
1	OK		10.57	95				
1	OK		2.18	58				
1	OK		2.65	61				
1	OK		4.31	72				
1	OK		5.03	76				
1	OC		42.70	162				
1	OK		3.85	70				
1	OK		2.03	56				
1	OK		2.01	56				
1	TRT		35.75	142				
1	CP	n = 1		111				
1	OK		6.84	84				
1	OK		6.54	84				
1	OK		11.68	98				
1	OC		23.26	127				
1	Ammo	n = III						
1	OK		2.30	59				
1	OK		13.76	105				
1	OC	50196F065D	99.31	208	#6 roll 19			
1	OC	501A071ES7	15.09	111.00	#7 roll 19			
1	OC	501A060D3A	39.50	155.00	#8 roll 19			

Unit #	16	Unit Type	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)			
1	OK		4.22	67				
1	OC		20.49	121				
1	OK		6.63	83				
1	TRT		2.86	64				
1	OK		2.03	55				
1	GA	n = III						
1	OC		2.27	61				
1	OK		5.60	76				
1	OK		2.24	57				
1	OK		2.96	64				
1	OC		10.41	99				
1	TRT		13.51	104				
1	OC		30.39	140				
1	OK		2.77	161				
1	OK		2.77	65				
1	OK		4.00	65				
1	OK		2.81	63				
1	TRT	n = 1						
1	TRT		4.59	74				
1	OC		7.70	84				
1	TRT		2.12	59				
1	OC		17.85	114				

Cutthroat Trout Revisit, Fall 2000.

Comments:

Time:

Air Temp. ©:

E-Fish setting: *I-S-300*

Species Codes: OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back

PGS = Pac. Giant Salam., Ammo = arnmocete, BLamp = Brook lamprey, Plamp = Pacific Lamprey

Unit #	Unit Type	Pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
1	GA	n=III					
1	OK		3.17	66			
1	OK		5.45	79			
1	OK		4.95	75			
1	OK		2.45	61			
1	OK		3.77	68			
1	OK		4.67	74			
1	OK		2.51	63			
1	OK		3.02	65			
1	OK		2.93	62			
1	OK		7.23	88			
1	OK		5.26	80			
1	OK		1.82	55	n=12		
1	OK		2.02	54			
1	OK		2.24	61			
1	OK		4.55	74			
1	OC		4.31	73			
1	PGS	n=III					
1	OK		4.08	57			
1	OK		4.64	74			
1	OK		2.27	54			
1	OK		3.21	65			

E-Fishing Data Form

Cutthroat Trout Revisit, Fall 2000.

Date: 10-15-00

Surveyors: ST

Comments:

Location: LSC

Water temp. @: 10.6°C

Time:

Air Temp. @:

E-Fish setting: 300 (E-S-300)

Species Codes: OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back
 PGS = Pac. Giant Salam., Ammo = ammocete, BLamp = Brook lamprey, Pfamp = Pacific Lamprey

Unit #	12	Unit Type	Pawl	1 pass/Dep	1 P	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #		Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	OK			4.91	70					
1	OK			2.87	63					
1	OK			5.77	80					
1	OK			9.90	94					
1	OK			3.20	67					
1	OK			3.77	67					
1	TRT			3.19	65	Got 1st mark 3m current				
1	OK			4.85	71					
1	OK			4.53	72					
1	OK			5.28	76					
1	OC			4.09	70					
1	OC			1.90	56					
1	OK			4.36	72					
1	AMMO	1	N=1	~~2.15~~	~~71~~	~~Ammonium collected - 1st run~~				
1	OC			3.45	70	Ammonium collected - 1st run				
1	PGS									
1	OK			3.29	63					
1	OK			4.06	72					
1	OK			8.09	64					
1	OC			2.45	62					
1	OK			1.97	56					
1	OK			6.11	81					

Unit #	12 cont.	Unit Type	Pawl	1 pass/Dep	1 P	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #		Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	OK			1.75	54					
1	OK			3.95	70					
1	OK			3.78	69					
1	OK			5.86	80					
1	OC			8.71	91					
1	OK			2.86	63					
1	TRT			16.16	110					
1	OK			2.66	62					
1	OK			12.39	103					
1	OK			1.53	52					
1	OK			6.40	81					
1	OC			16.89	115					
1	OK			4.57	73					
1	OK			6.13	80					
1	OK			4.09	67					
1	OK			4.15	70					
1	OK			2.01	57					
1	OK			3.88	70					
1	OK			3.44	67					
1	OK			2.60	61					
1	GA	11	N=2							
1	OC			4.45	72					

Cutthroat Trout Revisit, Fall 2000.

Comments:

E-Fish setting: J-5-200

Air Temp.

PGS = Pac. Giant Salam., Ammo = ammocete, BLamp = Brook lamprey, Plamp = Pacific Lamprey

[illegible]

Cutthroat Trout Revisit, Fall 2000.

Date: 10-14-2000

Surveyors: ST, PA, TM, AC

Comments: *Small - 1/2 cup*

Location: 456

Water temp. ©:

ne: 4:47

Air Temp. ©:

E-Fish setting: 2 5 4

Species Codes: OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back

PGS = Pac. Giant Salam., Ammo = ammocete, BLamp = Brook lamprey, Plamp = Pacific Lamprey

Unit #	Unit Type	1 pass/Dep)	Times: P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)	
1	OK		2.21	59		
1	OK		5.08	77		
1	OK		2.90	62		
1	OK		2.57	60		
1	OK		2.60	65		
1	OK		11.87	101		
1	OK		2.66	56		
1	OK		3.06	65		
1	OK		29.45	142		
1	GA	N=3				
1	OK		3.32	67		
1	OK		4.08	71		
1	OK		5.40	70		
1	OK		15.35	104		
1	OK		4.37	75		
1	OK		2.54	56		
1	OK		4.69	72		
1	OK		4.80	78		
1	OK		1.50	52		
1	OK	50196 F000C	20.75	133		
2	OK		4.37	74		
2	PGS	N=2				

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14

[illegible]

Cutthroat Trout Revisit, Fall 2000.

Comments: *Some clouds*

Water temp.©:

Air Temp. ©:

E-Fish setting: *J-5-300*

PGS = Pac. Giant Salam., Ammo = ammocete, BLamp = Brook lamprey, Plamp = Pacific Lamprey

Continued

[illegible][illegible]

E-Fishing Data Form

Cutthroat Trout Revisit, Fall 2000.

Date: 10-14-2000 Surveyors: ST, PA, TM, AO

Comments: cloudy

Location: LSC Water temp. @:

Time: 12:45 Air Temp. @:

E-Fish setting: J-5-300

Species Codes: OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back
PGS = Pac. Giant Salam., Ammo = ammocete, BLamp = Brook lamprey, Piamp = Pacific Lamprey

USA

Unit # 30	Unit Type D	1 pass/Dep	Times: P1 3:57 P2 3:05 P3 3:61 P4		
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	OK		0.85	74	
1	OK		2.60	56	
1	TRT		3.15	65	
1	OK		2.15	70	
1	OK		1.71	52	
1	OK		1.88	55	
1	PGS	N=5			
1	Ammo	N=1			
1	OK		2.24	56	
1	TRT		1.78	54	
1	OK		3.86	69	
2	PGS	N=6			
2	GA	N=3			
2	Ammo	N=4			
2	OK		1.56	50	
2	OK		1.75	56	
2	OK		1.47	51	
3	PGS	N=8			
3	Ammo	N=3			
1					

Unit # 7	Unit Type	1 pass/Dep	Times: P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)	
1	OK		2.87	65		
1	OK		2.43	57		
1	OK		3.12	72		
1	OK		4.62	76		
1	OK		1.45	45		
1	OK	30147958	2.97	64	3.12 4.62 1.45 2.87 2.43	
1	OK		2.73	67		
1	OK		1.71	50		
1	OK		2.4	54		
1	OK		3.71	57		
1	OK		1.68	48		
1	OK		2.4	52		
1	OK		2.26	52		
1	OK		3.1	56		
1	OK	30147958	2.73	66	3.12 4.62 1.45 2.87 2.43	
1	OK		2.77	66		
1	OK		2.72	65		
1	OK		2.71	61		
1	OK		2.76	63		
1	Ammo	N=2				
1	OK		3.73	65		
1	GA	N=3				

1 OK 2.29 58
1 OK 2.46 57

E-Fishing Data Form

Cutthroat Trout Revisit, Fall 2000.

Date: 10-12-2000 Surveyors: ST & J, TM, LC

Comments: 7/1

Location: 123 Water temp. ©:

Time: Air Temp. ©:

E-Fish setting:

Species Codes: OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back

PGS = Pac. Giant Salam., Ammo = ammocete, BLamp = Brook lamprey, Plamp = Pacific Lamprey

Unit #	Unit Type	(1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
1	GA				11		
1	OK		6.98	67			
	OK		5.74	79			
	OC		72.08	128			
	OC		3.60	65			
	OK		3.97	61			
	OK		1.57	52			
	OK		12.28	98			
	OC		26.00	133			
	OK		2.84	61			
	OK		8.10	84			
	OK		5.59	77			
	OC		78.35	134			
	OK		2.34	58			
	OK		3.54	66			
	OK		2.41	59			
	OK		4.15	73			
	OK		5.80	79			
	OK		2.24	63			
	OK		5.27	72			
	OC		3.20	67			
1	OK		3.74	66			

Continued

Unit #	Unit Type	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
1	OK		7.45	85			
	OK		10.92	97			
	OK		3.54	62	100% or 100%		
	OK		2.90	68			
	OK		2.30	58			
	OK		4.35	73			
	OK		6.20	80			
	OK		4.82	72			
	OK		5.28	77			
	Ammo				100% 11		
	CP			126			
	OK		2.64	64			
	OK		27.59	121	stickleback 100%		
	OK		6.27	76			
	OK		2.66	62			
	OK		4.30	63			
	OC		5.14	71			
	OK		4.88	72			
	OK		1.61	60			
	PGS				100%		
	OK		1.98	55			
	OK		4.20	67			

OK

3.03

69

OK

5.98

79

E-Fishing Data Form

Cutthroat Trout Revisit, Fall 2000.

Date: 10-14-2000 Surveyors: STP/JO, JAA

Comments:

Location: LSC Water temp. ©:

ne: 150 Air Temp. ©:

E-Fish setting: 1-5-300

Species Codes: OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back

PGS = Pac. Giant Salam., Ammo = ammocete, BLamp = Brook lamprey, Plamp = Pacific Lamprey

Unit #	Unit Type	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
1	OK		5.34	72			
	OK		15.45	110			
	OK		18.30	112			
	OK		3.85	70			
	OK		2.55	60			
	PIRT		3.22	65			
	OK		1.62	55			
	OK		3.38	72			
	OK		3.71	69			
	OK		2.41	58			
	OK		2.07	54			
	TH-		4.72	75			
	OK		21.33	118			
	OK		3.5	64			
	OK		3.97	67			
	OK		5.47	76			
	OK		2.94	62			
	OK		1.79	53			
	OK		2.21	58			
	OK		21.39	125			
	OK		1.40	55			
1	OK		2.54	62			

[illegible]

Cutthroat Trout Revisit, Fall 2000.

Date: 10/19/80

Surveyors: S^r M. A. P. S.

Comments:

'location: ~~MS~~

Water temp.@.

Time: 11:45

Air Temp. (C)

E-Fish setting: 200

Species Codes: OC = cutthroat, TRT = trout, OK = *coho*, OT = chinook, CP = sculpin (Prickly), GA = stickle back

PGS = Pac. Giant Salam., Ammo = ammocete, BLarnp = Brook lamprey, Plamp = Pacific Lamprey

Unit #	Unit Type	1 pass/Dep)	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
1	OK		4.75	67	Pass #1 4.59		
	OK		2.27	59			
	OK		5.11	74			
	OK		4.55	67			
	OK		4.55	71			
	OK		7.34	60			
	OK		5.61	72			
	OC		17.25	119			
	OK		2.88	64			
	OC		13.77	104			
	OK		7.61	62			
	OK		4.54	69			
	GA						
	OK		2.93	63			
	OK		1.94	54			
	OC		5.64	79			
	OC		5.77	79			
	OK		4.14	70			
	OK		2.05	56			
	OK		3.28	65			
2	Armed				Pass #2 4.65 Pass 3 4.59		
					111		

Contd., vol

[illegible]

Cutthroat Trout Revisit, Fall 2000.

Date: 10/14/00

Surveyors: ST, TM, NO, PA

Comments: Sunny

Location: ~~NY~~

Water temp. ©:

Time: Continued

Air Temp. ©:

E-Fish setting: I-5-300

Species Codes: OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back

[illegible]

E-Fishing Data Form

Cutthroat Trout Revisit, Fall 2000.

Date: 10-14-2000	Surveyors: ST, TM, A, PA	Comments: Sunny
Location: EBG LSC	Water temp. @ 9.5 at 11:00 A.M.	
Time: 10:30	Air Temp. @ 11°C	E-Fish setting: I-5-300

Species Codes: OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back
 PGS = Pac. Giant Satam., Ammo = ammocete, BLamp = Brook lamprey, Plamp = Pacific Lamprey

Unit # /	Unit Type	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
1	OK		1.55	58			
1	OC	5019403A0C	33.57	150	#14		
1	OK		1.30	50			
1	OK		2.10	57			
1	OK		3.34	65			
1	OK		3.54	66			
1	OC		2.96	65			
1	OC		33.41	146			
1	CP			104	#15		
1	OK		4.66	75			
1	OK		3.89	68			
1	OK		2.40	61	#16		
1	OC	501957C7D	40.59	153	#17		
1	OK		6.95	79			
1	OK		2.56	60			
1	OK		17.12	102			
1	OK		11.44	96			
1	OC		37.17	144			
1	OC		5.07	76			
1	OK		2.41	60			
1	OK		3.19	66	#18		
1	OK		3.56	69			

Unit # /	Unit Type	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
1	OK		4.17	77			
1	OK		15.42	112			
1	OC		18.24	119			
1	OK		10.54	110			
1	OK		3.15	66			
1	GA						
1	OK		6.00	80			
1	OK		4.64	74			
1	OK		2.60	61			
1	OK		6.07	80			
1	OK		3.74	69			
1	OC		27.52	138			
1	OC		14.41	106			
1	OC		50.07	168			
1	OK		2.10	56			
1	OK		2.78	63			
1	OK		2.96	61			
1	OC		17.71	114			
1	OC	50197857D	27.26	137	#21		
1	OK		2.91	61			
1	OK		2.52	68			
1	OK		3.54	77			

E-Fishing Data Form

Date: 10/16/00
Location: LS

Surveyors: ST; SWF; PA
Water temp. @ 10°
C

Comments: 2.00.00

Unit# 1+	Unit Type	1 pass/Dep	1 pass Times: (P1)	P2	P3	P4
	TRT		1.86	57	~~DECREASED MORTALITY~~	
	GA	III				
	OK		4.22	68		
	OK		4.52	75		
	OK		2.96	66		
	OK		10.68	96		
	OK		2.93	64		
	OK		2.41	61		
	OK		1.96	56		
	OK		3.94	65		
	OK		5.57	75		
	OK		4.93	72		
	OK		4.81	74		
	OK		4.55	68		
	OK		2.30	59		
	OK		1.64	54		
	OK		5.96	78		
	OK		4.59	71		
	OK		5.12	75		
	OK		2.38	66		
	OK		2.37	59		
	OK		7.39	82		

CONT'D.

Unit # 17	Unit Type	1 pass/Dep	Times: P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)	
	OK		3.76	69		
	OK		2.51	61	III ammo	
	OK		3.12	65		
	OK		10.76	95		
	OK		3.48	73		
	OK		3.24	65		
	OK		4.65	71		
	OK		1.97	52		
	OK		4.81	94		
	OK		8.82	90		
	OK		12.18	104		
	OK		12.84	100		
	OK		3.33	67		
	OK		5.54	79		
	OK		3.33	67		
	OK		2.34	85		
	OK		4.30	68		
	OK		2.74	62		
	OK		6.05	80		
	OK		2.61	62		
	OK		3.07	64		
	OK		2.57	60		

E-Fishing Data Form

Cutthroat Trout Revisit, Fall 2000.

Date: 10/16/00 Surveyors: ST, SWT, PA

Comments:

Location: LSC Water temp. @: 10°

Air Temp. @:

E-Fish setting: I-S 300/400

Species Codes: OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back

PGS = Pac. Giant Salam., Ammo = ammocete, BLamp = Brook lamprey, Plamp = Pacific Lamprey

Unit #	1A	Unit Type	POOL	(1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
	OC		135.30	235					
	OC	shed tag	139.80	270	photo #10	roll 19			
	OC	50195640A40	54.70	172	photo #11	"			
	OC		72.41	194					
	OK		2.69	60					
	OC		19.24	121					
	OK		7.51	80					
	OK		12.70	102					
	OC		21.51	125					
	GA	#1							
	OK		2.39	69	full belly				
	OK		10.92	98					
	OK		10.72	100					
	TRT		45.49	150					
	TRT		7.41	90					
	OK		4.78	75					
	OK		6.51	82					
	TRT		19.99	122					
	OC		5.27	79					
	TRT		18.77	118					
	TRT		11.28	98					

Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
	OK		2.64	62					
	OK		5.12	72					
	OK		2.32	62					
	OK		3.95	68					
	OK		4.03	70					
	OC		3.81	69					
	OK		3.24	65					
	TRT		25.40	130					
	OK		5.99	76					
	OK		2.67	62					
	OK		6.19	80					
	OK		2.32	69					
	OK		2.32	63					
	OC		16.91	115					
	OK		4.95	70					
	OK		1.82	55					
	OK		2.10	56					
	OK		3.40	66					
	OK		2.43	67					
	OK		2.41	60					
	OK		3.01	63					
	OK		2.05	56					

E-Fishing Data Form

Cutthroat Trout Revisit, Fait 2000.

Date: 10/16/02

Surveyors: 37 - SWI, PA

Comments:

Education: LSC

Water temp. (C): 10.0

E-Fish setting:

Air Temp. $^{\circ}\text{C}$:

Species Codes: **OC** = cutthroat, **TRT** = trout, **OK** = coho, **OT** = chinook, **CP** = sculpin (Prickly), **GA** = stickle back

PGS = Pac. Giant Satam., Ammo = ammocete, BLamp = Brook lamprey, Plamp = Pacific Lamprey

[illegible]

Unit #	20	Unit Type	POOL	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	OK		72.51	143					
✓	OK		72.84	146					
✓	OK		72.88	142					
✓	OK		75.19	145					
✓	TRT		13.94	127					
✓	OK		17.98	110					
✓	OK		8.20	95					
✓	OC	2nd tag	108.35	2.8	phot. # 12 call 19				
✓	OK		2.65	21					
✓	OK		4.6	31					
✓	OK		7.8	29					
✓	OK		2.61	69					
✓	TRT		22.22	136					
✓	RES	2nd tag							
✓	OC		42.84	158					
✓	OK		5.10	65					
✓	OK		5.24	75					
✓	OK		5.69	78					
✓	TRT		22.37	125					
✓	OC		21.45	119					
✓	TRT		11.59	95					
✓	TRT		16.32	116					
✓	OC		2.92	96					

- 45000

[illegible]

E-Fishing Data Form

Cutthroat Trout Revisit, Fall 2000.

Date: 10-24-00

Surveyors: ST

Comments:

Location: LSC

Water temp. @:

Time: 10:15

Air Temp. @:

E-Fish setting: J-5-300

Species Codes: OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back

PGS = Pac. Giant Salam, Ammo = ammocete, BLamp = Brook lamprey, Plamp = Pacific Lamprey

Unit #	Unit Type	Pool	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)			
1	OK		206	56	Mortality			
↓	OC		17.14	112				
↓	OK		2.94	74				
	OK		7.31	86				
	OK		4.17	73				
	OK		2.14	56				
	OK		3.92	65				
	OK		3.35	69				
	OK		4.78	74				
	OK		3.46	66				
	OK		6.39	82				
	OK		5.76	67				
	OK		6.83	83				
	OK		4.72	69				
	OK		7.30	80				
	OK		3.43	76				
	OK		2.41	60				
	OK		4.82	74				
	TRT		3.02	64				
	OK		10.04	87				
	TRT		16.79	97	Brand			
	OK		2.61	63				

Unit #	Unit Type	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
1	OC		2.54	68			
↓	TRT		10.34	98			
	OK		3.77	69			
	OK		4.60	74			
	TRT		3.35	66			
	OK		2.34	59			
	OK		3.41	64			
	OC		15.02	113			
	OK		5.08	63			
	OK		7.05	89			
	OK		3.03	64			
	OK		3.47	64			
	OK		3.26	66			
	TRT		12.63	104			
	OK		6.45	76			
	OK		4.80	72			
	OK		3.37	69			
	OC		23.61	130			
	OC		35.67	117			
	OC		41.95	153			
	OC		37.13	152			
	OC		47.13	156			

Date: 7/21/20
Location: LSC

Surveyors: ST
Water temp. @ 10°C @ 12:00

Comments: Sunny

Unit #	Unit Type	1 pass/Dep	Times	P1	P2	P3	P4
21	Pool						
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
2	PGS	11=1			Large Salamander		
↓	OK		3.89	65			
	OK		4.94	69			
	OK		3.46	67			
	OK		5.43	75			
	OK		33.35	146			
	OK		6.05	74			
	OK		2.20	56			
	TAT		3.81	68			
	OK		2.41	58			
3							
	Ammo	n=4					
	PGS	n=1					
	OK		4.79	67	Injured Tail fin - recovered		

Unit #	Unit Type	1 pass/Dep	Times	P1	P2	P3	P4
22	Pool						
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
1	PGS	1=			III		
1	PGS				II		
	"a						
	OK		5.44	71			
	OK		2.32	69			
	OK		2.50	71			
	OK		4.14	67			
	OK		2.40	64			
	OK		2.41	61			
	OK		4.42	67			
	OK		8.51	88			
	OK		6.01	72			
	OK		5.79	69			
	OK		2.22	62			
	OK		4.52	70			
	OK		4.78	75			
	OK		3.49	72			
	OK		5.22	77			
	OK		12.89	102			
	OK		3.64	68			
	OK		5.14	75			
	OK		23.15	114			

Cutthroat Trout Revisit, Fall 2000.

Comments.

E-Fish setting: *I-5-300*

Air Temp. (C):

Species Codes: OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back
PGS = Pac. Giant Salam., Ammo = ammocete, BLamp = Brook lamprey, Plamp = Pacific Lamprey

[illegible]

Date: 10/21/06	Surveyors: ST	Comments:
Location: LSC	Water temp. ©:	
Time:	Air Temp. ©:	E-Fish setting: 1-5-300

Unit #	Unit Type	1 pass/Dep	Times:	P1	P2	P3	P4
Pass#	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
1	OK		193.27	267	Shin		
1	OK		257	105			
1	OK		423	68			
1	TKT		196	53			
1	OK		338	67			
1	OK		292	66			
1	OK		2376	137			
1	OK		544	73			
1	OK		4001	68			
	OK		9133	124			
	OK		1117	113			
1	TKT		1621	111			
	OK		542	91			
	OK		1357	116			
1	TKT		2372	147			
1	OK		17574	109			
	OK		792	67			
	OK		309	59			
	TKT		310	57			
	OK		1175	75			
	OK		1072	69			
	OK		3001	72			

[illegible]

Cutthroat Trout Revisit, Fall 2000.

Comments:

Air Temp. ©:

E-Fish setting: I-5-300

Species Codes: OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back
PGS = Pac. Giant Salam., Ammo = ammocete, BLamp = Brook lamprey, Plamp = Pacific Lamprey

[illegible]

Cutthroat Trout Revisit, Fall 2000.

Date: 12/2/00

Surveyors: ST

Comments:

Location: L SC

Water temp.©:

Time: 2:15

Air Temp.

E-Fish setting: I-5-300

Unit # 26	Unit Type	1 pass/Dep	Times: P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)	
1	OK		2.87	63		
1	OK		2.68	53		
1	OK		5.46	73		
✓	OC	501A034500	42.40	159	Photo #17 Ad/1st	
	OK		127.56	220		
	OK		2.53	58		
	OK		5.62	78		
	OK		2.41	66		
	OK		2.09	57		
	OK		5.91	72		
	OK	WINGE Transfused				
	OK		2.97	71		
	OK		5.50	78		
	OC		14.54	108		
	OC		27.50	136		
	OK		2.47	66		
	OK		2.36	56		
	CP		28.84	139		
	OK		6.47	76		
	OC		63.78	180		
	OC		4.47	101		
	OK		4.51	74		

[illegible]

Cutthroat Trout Revisit, Fall 2000.

Date: 9/25/00
 Location: LSC
 Time: 1:50

Surveyors: GT
 Water temp.O:
 Air Temp. ©:

Comments:

E-Fish setting: 7-5-300

Species Codes: OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back
 PGS = Pac. Giant Salam.. Ammo = ammocete, BLamp = Brook lamprey, Plamp = Pacific Lamprey

Unit # 27	Unit Type	1 pass/Dep	Times: P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)	
1	OT		7.40	73		
1	OC		21.89	123		
1	OK		5.80	78		
↓	OK		2.71	64		
	OK		3.10	64		
	OK		2.89	64		
	OK		2.55	59		
	OC		2.58	130		
	OK		6.67	84		
	OC		33.31	141		
	OK		2.65	61		
	OC		20.07	119		
	OC		5.30	100		
	OK		11.62	97		
	OK		6.46	76		
	OK		5.95	78		
	OK		2.70	61		
	OK		4.66	65		
	OK		5.15	71		
	OK		3.62	66		
	OK		6.95	83		
	OT		2.92	64		

Unit # 27	Unit Type	1 pass/Dep	Times: P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)	
1	OC		1.82	55		
↓	OK		1.81	52		
↓	TRT		6.61	87		
	PGS	Large Trout = #1000				
	OK		2.17	60		
	OC		33.80	146		
	OK		5.72	74		
	OK		6.67	78		
	OK		4.62	71		
	TRT		13.19	106		
	OK		1.04	52	Mortality - Brook Trout	
	TR		8.78	80		
	OK		3.57	69		
	OK		11.61	84		
	OC		20.86	179		
	OK		0.86	60	Mortality - Brook Trout	
	OK		4.85	70		
	OK		5.66	76		
	OK		4.53	63		
	OK		2.00	61		
	OC		20.01	121		

E-Fishing Data Form

Cutthroat Trout Revisit, Fall 2000.

Date: 10/21/00

Surveyors:

Comments:

Location: LSC

Water temp. @ 10.5 °C

Time: 3:30

Air Temp. @ 11 °C

4:00 pm

E-Fish setting: I-C-300

Species Codes: OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back

PGS = Pac. Giant Salam.. Ammo = ammocete, BLamp = Brook lamprey, Plamp = Pacific Lamprey

Unit # 27	Unit Type	1 pass/Dep	Times: P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)	
1	OK		13.55	104		
	OK		2.94	62		
	OK		3.29	62		
	OK		4.30	66		
	OK		4.27	66		
	OK		2.35	65		
	OK		2.95	65		
	TRT		1.65	48		
	OK		3.05	67		
	OK		15.73	63		
	OK		2.27	66		
	OK		6.75	61		
	OC		1.99	55		
	OC		12.95	106		
	OK		2.33	56		
	OC		46.52	169		
	OK		8.65	40		
	OK		3.01	64		
	OK		2.90	62		
	OK		2.92	64		
	OK		3.28	67		
	OK		2.08	58		

Unit # 27	Unit Type	1 pass/Dep	Times: P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)	
1	OC	41271B2 DOB	19.41	125	photo taken	
1	OK		2.2	62		
↓	OK		4.61	71		
	OC		15.1	113		
	OC		25.76	137		
	OK		4.47	70		
	OC		13.70	120		
	OC		7.01	82		
	OK		3.4	62		
	OK		6.77	69		
	OK		2.4	61		
	OK		3.18	66		
	OK		1.3	48		
	OK		9.53	66		
	OK		1.26	47		
	OK		2.34	65		
	OK		1.23	62		
	OC		12.26	106		
	OK		2.16	61		
	OK		6.23	69		
	OK		2.25	60		
	OK		5.97	77	Black mark	

Comments.

E-Fish setting: *I-S-300*

[illegible]

Unit #	Unit Type	1 pass/Dep	Times: P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)	
1	TR+		4.42	46		
↓	OK		5.48	76		
↓	OC		12.25	103		
↓	OK		1.43	55		
↓	OK		4.12	71		
↓	TR+		8.66	93		
↓	OK		3.69	66		
↓	OK		1.80	53		
	Other	n=3			Cul-	
	OC		3.49	61		
	OK		3.59	67		
	OK		2.24	58		
	TRT		12.88	109		
	OC		11.65	102		
	OC		7.87	91		
	OK		6.50	83		
	OK		8.46	87		
	OK		3.37	62		
	OC		13.48	105		
	OK		2.44	61		
	OK		20.85	129		
	OK		3.57	66		

Cutthroat Trout Revisit, 'Fall 2000.

Comments:

E-Fish setting: $\tau = 5 - 300$

Air Temp. ©:

PGS = Pac Giant Salam., Ammo = ammocete, BLamp = Brook lamprey, Plamp = Pacific Lamprey

[illegible]

Cutthroat Trout Revisit, Fall 2000.

Date: 10/22/00 Surveyors: ST, SAT, KG, JR, TM Comments:

Location: LSC# Water temp. ©: 8°C

Time: 10/22/00 Air Temp. ©: 4°C

E-Fish setting: I - 5 300/200

Species Codes OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back

PGS = **Pac** Giant Salam, Ammo = ammocete, **BLamp** = Brook lamprey, Plamp = Pacific Lamprey

Unit # 3	Unit Type	Run	1 pass/Dep	Times:	P1/93/257	P2/19/220	P3/428	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)			
1	OK		3.65	60	I Large PGS			
1	OC		3.12	66				
1	OK		2.09	54				
1	OC		2.07	56				
1	OK		2.76	60				
1	OK		3.91	59				
1	OK		6.05	79				
1	OK		2.88	62				
1	OC		8.16	88				
1	OC		25.31	135				
1	OK		4.72	71				
1	TRT		2.26	55				
1	OC		4.04	72				
1	OC		2.48	56				
1	OK		3.39	64				
1	OK		2.94	60				
1	TRT		2.37	54				
1	OC		13.08	107				
2	TAT		2.12	54	III Large PGS			
2	CP		21.52	127				

Unit #	33	Unit Type	TRT RIN	1 pass/Dep	1 P	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)					
1	TRT		2.36	62	11 PGS					
1	OC		3.19	61						
1	TRT		2.15	54						
1	OC		3.54	70						
1	OC		13.29	109						
1	TRT		1.28	46						
1	TRT		5.64	83						
1	OC		8.39	90						
1	OC	~~501976360F~~	7.60	96						
1	OC	501976360F	20.29	121	OC 2.46 54120F OC 44010 44011					

E-Fishing Data Form

Cutthroat Trout Revisit. Fall 2000.

Date: 10/22/00

Surveyors: ST, SWT, KG, JK, TM

Comments:

Location: LSC

Water temp. @ 8⁰⁰

Time: 11:10 AM

Air Temp. @ 4⁰⁰

E-Fish setting: 1.5 400' 300/200

Species Codes: OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back

PGS = Pac. Giant Salam., Ammo = ammocete, BLamp = Brook lamprey, Plamp = Pacific Lamprey

Unit #	Unit Type	1 pass/Dep	Times:	P1	P2	P3	P4
34	POOL						
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
1	OK		4.85	71			
1	OC		11.79	106			
1	OK		12.46	103			
1	OK		4.41	71			
1	OK		2.32	57			
1	OK		4.90	72			
1	OC		22.32	135			
1	OK		2.85	57	~~PGS, MORT~~ OK		
1	OK		3.01	62			
1	OC		15.81	116			
1	OK		2.36	58			
1	CP		23.14	125			
1	OK		2.97	64	1 PGS		
1	OK		3.23	64			
1	OK		3.47	67			
1	OK		5.85	75			
1	OK		2.31	55			
1	OK		5.44	79			
1	OK		4.25	70			
1	OC		13.45	108			
1	OK		4.32	72			
1	OK		3.72	67			

Unit #	Unit Type	1 pass/Dep	Times:	P1	P2	P3	P4
24	POOL	1P					
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
1	OK		4.83	70			
1	OK		2.24	60			
1	OK		6.16	73	1 large PGS		
1	OK		5.26	74			
1	OK		2.69	65			
1	OK		2.25	59			
1	OK		5.98	73			
1	TRT		17.65	121			
1	OC		22.22	128			
1	OC	501D4 B6454	47.32	166	Photo # 21 2 OC # 18		
1	Ammo						
1	OK		2.58	90			
1	OC		8.36	91			
1	TRT		1.53	53			
1	OC		52.44	167			
1	OK		2.74	59	MORT		
1	OC		80.66	198			
1	OC		188.13	243			

Date: 10/22/20

Surveyors: KG; JR, TM, ST; SWT

Comments:

Location: LSC

Water temp. °C: 8

Time: 12:10

AirTemp. °C: 40

E-Fish setting: I-500 200/300

Unit #	36	Unit Type	RUN	1 pass/Dep	1 F	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)					
1	OC		9.53	49						
1	OK		1.92	52						
1	OK		2.55	61						
1	OK		5.50	77						
1	OK		5.04	73						
1	OK		5.37	75						
1	OC		7.16	84						
1	OK		4.84	71						
1	OK		3.55	66						
1	OC		4.79	76						
1	OC		2.42	64						
1	OK		5.8	77						
1	OK		5.40	77						
1	OK		2.02	54						
1	OC		2.40	57						
1	OK		2.46	52						
1	OK		1.53	51						
1	OK		3.21	65						
1	OK		4.82	73						
1	OK		2.69	61						
1	OK		5.59	78						
1	OC		19.53	121						

Unit #	36	Unit Type	RUN	1 pass/Dep	1 F	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)					
1	OC		10.95	106						
1	OK		2.59	60						
1	OC		6.95	84						
1	OC		3.28	65						
1	T&T		7.22	85						
1	OK		3.72	65						
1	OC		2.39	65						
1	OK		2.72	54						
1	OK		3.26	61						
1	OC		3.63	45						
1	OC		13.49	110						
1	OK		2.52	59						
1	OC		24.30	130						
1	OK		1.00	74						
1	OK		6.66	76						
1	OC		9.94	72						
1	OK		3.86	67						
1	OC		12.37	104						
1	OK		4.10	72						
1	OK		1.89	55						
1	OC		19.69	120						
1	OK		6.92	73						

Cutthroat Trout Revisit, Fall 2000.

E-Fish setting: 5 - 5 300/203

PGS = Pac Giant Salam., **Ammo** = ammocete, **BLamp** = Brook lamprey, **Plamp** = Pacific Lamprey

[illegible]

Cover Types: UB-undercut bank, SWD-small wood debris(<12"dia), LWD-large wood debris(>12"dia), RM-root mass, TV-terr. Veg., AV-aquatic veg., BC-bubble curtain, BO-boulder(>10"dia), BL-bedrock ledges.

te: Reach: Crew:

[illegible]

33.3

16.3

18 5.1

Fall 00 Habitat Data Form

Cover Types: UB-undercut bank, SWD-small wood debris(<12"dia), LWD-large wood debris(>12"dia), RM-root mass.

TV-terr. Veg., AV-aquatic veg., BC-bubble curtain, BO-boulder(>10"dia), BL-bedrock ledges.

Cover < .25m off water, dims. to 0.1 m, as rectangle or triangle, third dim. # is hyp. of rt. triangle, all others are redang.

ite: 10/13/00 Reach: LSC Crew: ST King hip chain

it	NSO #	Unit Type	Length (m)	Widths (m)			Max. Dp.(m)	Tail Dp.(m)	Cover Type	Dimens. (m)	Comments
				W1	W2	W3					
1	21	Pool	16.5	5.8	4.6	6.3	0.96	0.11		x x	MD = Lat SCOUR LWD
2	22	Pool	7.0	3.6	4.0	6.8	0.42	0.35		x x	MD = " " " "
3	23	Pool	15.3	4.1	4.1	3.8	0.70	0.11		x x	MD = " " " "
4	24	Run	11.0	1.8	1.2	2.0	0.20	N/A		x x	MD = Lat. SCOUR bank.
5	25	Pool	10.8	6.0	5.0	3.6	0.70	0.13		x x	MD = " " " LWD.
	26	Run	13.2	4.2	4.2	3.8	0.30	N/A		x x	MD = " " " "
6	27	Pool	17.6	4.3	6.8	5.1	0.73	0.11		x x	MD = LWD Plunge.
	28	N	8.5							x x	
	29	Pool								x x	
	30	Run		2.2	2.5	3.3	0.40	N/A		x x	MD = SWD Lat. SCOUR.
7	31	Pool		5.1	5.0	5.6	1.4	0.30		x x	MD = LWD Lat. SCOUR
8	32	Run		2.8	4.2	3.9	0.53	N/A		x x	MD = LWD Lat SCOUR
9	33	Run		2.3	2.2	2.0	0.31	N/A		x x	" " " "
10	34	Pool		3.0	4.4	4.5	0.52	0.10		x x	MD = RM Plunge - line above
11	35	Pool		4.4	5.5	5.1	1.20	0.15		x x	MD = SCOUR beneath RM + LWD
12	36	Pool		4.3	5.6	4.1	0.97	0.07		x x	MD = Lat SCOUR LWD + Bank
	37	Rif								x x	+ LWD bank
13	38	Pool		4.2	5.4	6.4	0.86	0.10		x x	MD = LWD Plunge
14	39	Pool		4.6	4.3	4.0	0.69	0.24		x x	MD = Lat SCOUR RM + LWD + Bank
	40	Rif								x x	
	41	Pool		4.6	6.2	5.8	1.06	0.14		x x	MD = LWD Plunge
16	42	Pool		4.7	5.4	3.3	1.01	0.06		x x	MD = LWD Plunge + LWD SCOUR
	43	Rif								x x	
17	44	Pool		5.4	4.4	4.8	0.62	0.06		x x	MD = Lat SCOUR RM
17	45	"		included in above measurements						x x	
	46	Pool								x x	Not Sampled
18	47	Pool		5.5	6.2	6.6	0.35	0.02		x x	MD = ~~RM + LWD~~ SCOUR
19	48	pool		4.1	4.7	4.2	0.70	N/A		x x	MD = RM + LWD SCOUR
20	49	pool		3.8	4.5	6.8	1.25	0.12		x x	MD = LWD Plunge + SCOUR
21	50	pool		3.5	4.3	4.9	0.83	0.13		x x	MD = Lat SCOUR LWD
22	51	Pool		3.7	4.3	3.2	0.97	0.09		x x	MD = " " " "
	52	Rif								x x	
23	53	Pool		2.8	5.0	5.2		0.12		x x	MD = SCOUR Lat LWD.
24	54	Run		5.1	4.6	3.1	0.30	N/A		x x	MD = Lat SCOUR SWD
25	55	Pool		3.4	3.2	5.3	0.55	0.13		x x	MD = SCOUR beneath LWD
26	56	Pool		4.0	5.4	3.1	1.45	0.16		x x	MD = Lat SCOUR LWD
	57	Rif						0.10		x x	
27	58	Pool		7.9	5.4	5.7	1.22	0.10		x x	MD = SCOUR LWD = BO/B + Bank
28	59	Pool		1.7	6.5	5.0	0.55	N/A	Complex	x x	MD = " " Bank + LWD
	60	Rif								x x	
30	61	Run		3.3	4.8	4.1	0.32	N/A		x x	MD = Lat SCOUR RM + LWD
	62	Run		4.0	2.8	2.9	0.57	N/A		x x	MD = " " " "
31	63	Run		3.3	2.5	2.4	0.41	N/A		x x	MD = " " " BO + SWD
	64	Rif								x x	
32	65	Pool		3.0	4.7	3.7	0.79	0.14		x x	MD = Lat SCOUR LWD

Cutthroat Trout Revisit, Fall 2000.

Date: 8/26/00 Surveyors: ST Comments: Fog has cleared
 Location: USCSF Water temp. @: 11.5°C @ 2:45
 Time: 2:00 Air Temp. @: 15°C @ 11 I-5-200

Species Codes: OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back?

Unit #	30	Unit Type	Run	1 pass/Dep	1P	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)					
1	OC		6.95	86	Water Gudel Damaged but regeneration					
1	OC		1.56	55						
	PGS	n=3								
					Unit still R. Cle-like					

Unit #	31	Unit Type	Pool	1 pass/Dep	1P	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)					
1	OC		2.39	57						
1	OC		0.54	38						
1	OC		1.92	58						
1	OC	5010404331	14.98	111	Photo #11 Roll #11 Scales rt.					
1	OC		8.96	94	(Came back to unit after pool section cleared + caught fish)					
					1 fish ~40 mm missed under shed					
					at lower unit.					

Unit #	32	Unit Type	Pool	1 pass/Dep	Dep	Times:	P1 149	P2 145	P3 146	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)					
1	OC		10.63	97						
1	OC		0.75	42						
1	OC		10.87	101	Red sided, photo #13					
1	OC		2.54	62						
1	OC		2.60	60	After Dep, I shock upstream under					
1	PGS	n=5			(P2 PGS n=2) bank, 0 fish					
2	OC	501E63601D	18.20	116	Photo #12 Scales Rt.					
3		n=2			At fish					

Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl PGS & Ammo tally)					
1	OC			79	got hit hard.					
1	OC		2.67	59						

Unit #	34	Unit Type	Run	1 pass/Dep	1P	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl PGS & Ammo tally)					
1		n=7			1- Tame Terrestrial					
1	OC		4.32	69						
1	OC		3.75	65						
1	OC		12.85	103	has a bite perhaps pgs @ pelvian on both sides Photo 1					
1	OC		5.70	75						
1	OC		3.11	61	Unit with Bear.					

Date: 6/26/00	Surveyors: St	Comments:
Location: USC SF	Water temp. @:	
Time: 4:30	Air Temp. @: 14°C @ 4:30 PM	I-5-200
		2

[illegible][illegible]

Unit #	Unit Type	1 pass/Dep	Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)			
1	OC		2.84	61				
1	OC		10.61	102				
1	OC		2.34	55				
1	OC		3.89	71				
1	OC		3.04	63				
1	OC		8.88	91				
AR	P65	n=2						

Unit #	37	Unit Type	(continued)	pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
2	P6S	n=4							
2	OL		17.08	113					
2	OL		2.18	57					
3		A-							

Unit #	3g	Unit Type	Pool	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	OC		12.46	104					
1	trt			~35-40	seen not captured.				
					last unit in reach.				

Unit #21 Run Dep. P1 61 P2 63 P3 64 P4 65 P5 66 P6 67 P7 68 P8 69 P9 70 P10 71 P11 72 P12 73 P13 74 P14 75 P15 76 P16 77 P17 78 P18 79 P19 80 P20 81 P21 82 P22 83 P23 84 P24 85 P25 86 P26 87 P27 88 P28 89 P29 90 P30 91 P31 92 P32 93 P33 94 P34 95 P35 96 P36 97 P37 98 P38 99 P39 100 P40 101 P41 102 P42 103 P43 104 P44 105 P45 106 P46 107 P47 108 P48 109 P49 110 P50 111 P51 112 P52 113 P53 114 P54 115 P55 116 P56 117 P57 118 P58 119 P59 120 P60 121 P61 122 P62 123 P63 124 P64 125 P65 126 P66 127 P67 128 P68 129 P69 130 P70 131 P71 132 P72 133 P73 134 P74 135 P75 136 P76 137 P77 138 P78 139 P79 140 P80 141 P81 142 P82 143 P83 144 P84 145 P85 146 P86 147 P87 148 P88 149 P89 150 P90 151 P91 152 P92 153 P93 154 P94 155 P95 156 P96 157 P97 158 P98 159 P99 160 P100 161 P101 162 P102 163 P103 164 P104 165 P105 166 P106 167 P107 168 P108 169 P109 170 P110 171 P111 172 P112 173 P113 174 P114 175 P115 176 P116 177 P117 178 P118 179 P119 180 P120 181 P121 182 P122 183 P123 184 P124 185 P125 186 P126 187 P127 188 P128 189 P129 190 P130 191 P131 192 P132 193 P133 194 P134 195 P135 196 P136 197 P137 198 P138 199 P139 200 P140 201 P141 202 P142 203 P143 204 P144 205 P145 206 P146 207 P147 208 P148 209 P149 210 P150 211 P151 212 P152 213 P153 214 P154 215 P155 216 P156 217 P157 218 P158 219 P159 220 P160 221 P161 222 P162 223 P163 224 P164 225 P165 226 P166 227 P167 228 P168 229 P169 230 P170 231 P171 232 P172 233 P173 234 P174 235 P175 236 P176 237 P177 238 P178 239 P179 240 P180 241 P181 242 P182 243 P183 244 P184 245 P185 246 P186 247 P187 248 P188 249 P189 250 P190 251 P191 252 P192 253 P193 254 P194 255 P195 256 P196 257 P197 258 P198 259 P199 260 P200 261 P201 262 P202 263 P203 264 P204 265 P205 266 P206 267 P207 268 P208 269 P209 270 P210 271 P211 272 P212 273 P213 274 P214 275 P215 276 P216 277 P217 278 P218 279 P219 280 P220 281 P221 282 P222 283 P223 284 P224 285 P225 286 P226 287 P227 288 P228 289 P229 290 P230 291 P231 292 P232 293 P233 294 P234 295 P235 296 P236 297 P237 298 P238 299 P239 300 P240 301 P241 302 P242 303 P243 304 P244 305 P245 306 P246 307 P247 308 P248 309 P249 310 P250 311 P251 312 P252 313 P253 314 P254 315 P255 316 P256 317 P257 318 P258 319 P259 320 P260 321 P261 322 P262 323 P263 324 P264 325 P265 326 P266 327 P267 328 P268 329 P269 330 P270 331 P271 332 P272 333 P273 334 P274 335 P275 336 P276 337 P277 338 P278 339 P279 340 P280 341 P281 342 P282 343 P283 344 P284 345 P285 346 P286 347 P287 348 P288 349 P289 350 P290 351 P291 352 P292 353 P293 354 P294 355 P295 356 P296 357 P297 358 P298 359 P299 360 P300 361 P301 362 P302 363 P303 364 P304 365 P305 366 P306 367 P307 368 P308 369 P309 370 P310 371 P311 372 P312 373 P313 374 P314 375 P315 376 P316 377 P317 378 P318 379 P319 380 P320 381 P321 382 P322 383 P323 384 P324 385 P325 386 P326 387 P327 388 P328 389 P329 390 P330 391 P331 392 P332 393 P333 394 P334 395 P335 396 P336 397 P337 398 P338 399 P339 400 P340 401 P341 402 P342 403 P343 404 P344 405 P345 406 P346 407 P347 408 P348 409 P349 410 P350 411 P351 412 P352 413 P353 414 P354 415 P355 416 P356 417 P357 418 P358 419 P359 420 P360 421 P361 422 P362 423 P363 424 P364 425 P365 426 P366 427 P367 428 P368 429 P369 430 P370 431 P371 432 P372 433 P373 434 P374 435 P375 436 P376 437 P377 438 P378 439 P379 440 P380 441 P381 442 P382 443 P383 444 P384 445 P385 446 P386 447 P387 448 P388 449 P389 450 P390 451 P391 452 P392 453 P393 454 P394 455 P395 456 P396 457 P397 458 P398 459 P399 460 P400 461 P401 462 P402 463 P403 464 P404 465 P405 466 P406 467 P407 468 P408 469 P409 470 P410 471 P411 472 P412 473 P413 474 P414 475 P415 476 P416 477 P417 478 P418 479 P419 480 P420 481 P421 482 P422 483 P423 484 P424 485 P425 486 P426 487 P427 488 P428 489 P429 490 P430 491 P431 492 P432 493 P433 494 P434 495 P435 496 P436 497 P437 498 P438 499 P439 500 P440 501 P441 502 P442 503 P443 504 P444 505 P445 506 P446 507 P447 508 P448 509 P449 510 P450 511 P451 512 P452 513 P453 514 P454 515 P455 516 P456 517 P457 518 P458 519 P459 520 P460 521 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P572 633 P573 634 P574 635 P575 636 P576 637 P577 638 P578 639 P579 640 P580 641 P581 642 P582 643 P583 644 P584 645 P585 646 P586 647 P587 648 P588 649 P589 650 P590 651 P591 652 P592 653 P593 654 P594 655 P595 656 P596 657 P597 658 P598 659 P599 660 P600 661 P601 662 P602 663 P603 664 P604 665 P605 666 P606 667 P607 668 P608 669 P609 670 P610 671 P611 672 P612 673 P613 674 P614 675 P615 676 P616 677 P617 678 P618 679 P619 680 P620 681 P621 682 P622 683 P623 684 P624 685 P625 686 P626 687 P627 688 P628 689 P629 690 P630 691 P631 692 P632 693 P633 694 P634 695 P635 696 P636 697 P637 698 P638 699 P639 700 P640 701 P641 702 P642 703 P643 704 P644 705 P645 706 P646 707 P647 708 P648 709 P649 710 P650 711 P651 712 P652 713 P653 714 P654 715 P655 716 P656 717 P657 718 P658 719 P659 720 P660 721 P661 722 P662 723 P663 724 P664 725 P665 726 P666 727 P667 728 P668 729 P669 730 P670 731 P671 732 P672 733 P673 734 P674 735 P675 736 P676 737 P677 738 P678 739 P679 740 P680 741 P681 742 P682 743 P683 744 P684 745 P685 746 P686 747 P687 748 P688 749 P689 750 P690 751 P691 752 P692 753 P693 754 P694 755 P695 756 P696 757 P697 758 P698 759 P699 760 P700 761 P701 762 P702 763 P703 764 P704 765 P705 766 P706 767 P707 768 P708 769 P709 770 P710 771 P711 772 P712 773 P713 774 P714 775 P715 776 P716 777 P717 778 P718 779 P719 780 P720 781 P721 782 P722 783 P723 784 P724 785 P725 786 P726 787 P727 788 P728 789 P729 790 P730 791 P731 792 P732 793 P733 794 P734 795 P735 796 P736 797 P737 798 P738 799 P739 800 P740 801 P741 802 P742 803 P743 804 P744 805 P745 806 P746 807 P747 808 P748 809 P749 810 P750 811 P751 812 P752 813 P753 814 P754 815 P755 816 P756 817 P757 818 P758 819 P759 820 P760 821 P761 822 P762 823 P763 824 P764 825 P765 826 P766 827 P767 828 P768 829 P769 830 P770 831 P771 832 P772 833 P773 834 P774 835 P775 836 P776 837 P777 838 P778 839 P779 840 P780 841 P781 842 P782 843 P783 844 P784 845 P785 846 P786 847 P787 848 P788 849 P789 850 P790 851 P791 852 P792 853 P793 854 P794 855 P795 856 P796 857 P797 858 P798 859 P799 860 P800 861 P801 862 P802 863 P803 864 P804 865 P805 866 P806 867 P807 868 P808 869 P809 870 P810 871 P811 872 P812 873 P813 874 P814 875 P815 876 P816 877 P817 878 P818 879 P819 880 P820 881 P821 882 P822 883 P823 884 P824 885 P825 886 P826 887 P827 888 P828 889 P829 890 P830 891 P831 892 P832 893 P833 894 P834 895 P835 896 P836 897 P837 898 P838 899 P839 900 P840 901 P841 902 P842 903 P843 904 P844 905 P845 906 P846 907 P847 908 P848 909 P849 910 P850 911 P851 912 P852 913 P853 914 P854 915 P855 916 P856 917 P857 918 P858 919 P859 920 P860 921 P861 922 P862 923 P863 924 P864 925 P865 926 P866 927 P867 928 P868 929 P869 930 P870 931 P871 932 P872 933 P873 934 P874 935 P875 936 P876 937 P877 938 P878 939 P879 940 P880 941 P881 942 P882 943 P883 944 P884 945 P885 946 P886 947 P887 948 P888 949 P889 950 P890 951 P891 952 P892 953 P893 954 P894 955 P895 956 P896 957 P897 958 P898 959 P899 960 P900 961 P901 962 P902 963 P903 964 P904 965 P905 966 P906 967 P907 968 P908 969 P909 970 P910 971 P911 972 P912 973 P913 974 P914 975 P915 976 P916 977 P917 978 P918 979 P919 980 P920 981 P921 982 P922 983 P923 984 P924 985 P925 986 P926 987 P927 988 P928 989 P929 990 P930 991 P931 992 P932 993 P933 994 P934 995 P935 996 P936 997 P937 998 P938 999 P939 940 P940 941 P941 942 P942 943 P943 944 P944 945 P945 946 P946 947 P947 948 P948 949 P949 950 P950 951 P951 952 P952 953 P953 954 P954 955 P955 956 P956 957 P957 958 P958 959 P959 960 P960 961 P961 962 P962 963 P963 964 P964 965 P965 966 P966 967 P967 968 P968 969 P969 970 P970 971 P971 972 P972 973 P973 974 P974 975 P975 976 P976 977 P977 978 P978 979 P979 980 P980 981 P981 982 P982 983 P983 984 P984 985 P985 986 P986 987 P987 988 P988 989 P989 990 P990 991 P991 992 P992 993 P993 994 P994 995 P995 996 P997 P998 P999 1000

Roll 411 photo #6 + photo #7 of all 3 OC

P1 tot wt FL
 " ~~OC~~ 2.15 56
 " ~~OC~~ 2.16 57
 " Pgs n=1

P2 + 3 = 0

Unit #21.1 Run IP.
 P1 OC 8.40 91
 " 4t 0.52 39
 " OC 5.39 80
 " Pbs n=2

Unit #22 Pool IP.

P1 OC 5810 546 D75
 P1 Pbs n=1

WA 15.64 FL 114 56.58t
 photo #6

Unit #23 Run IP.

P1 OC 2.12 56
 P1 OC 9.01 94
 P1 Another Run ~ 40m from station sub.
 P1 2 Pbs.

Complex NSO Below Unit #21

OC WA 13.33 FL 104

Unit #24 Run IP.

P1 Pbs n=2
 P1 OC 2.91 61
 OC 2.52 60
 OC 2.38 58
 OC 1.34 50
 OC 7.73 90

#25 Pool Boy, 124, 115, 117

6/25/00

P1 P6S n=2
P1 OC 3.42 66
P1 OC 2.77 61

#2 P1 n=1

P2 = fish
P3 = fish

#26 Run P1

P1 Tr 0.25 29
P1 OC 0.98 45
P1 OC 1.83 54
P1 OC 5.36 78

N50 Above = 26, 1 P6S, 1 fish present but not captured

#27 Pool P1

P1 P6S n=1

OC w- 10.32 FL 96
OC w- 1.63 FL 52

#28 Run Exp. Now pool 100

P1 77

P2 79

P3 72

P1 OC 1.40 52

P1 OC = 5.10 58 6 D2E FL 103

P1 OC 1.06 47

P1 P6S n=4

#29 Pool 100

P1 OC 8.44 58

P1 P6S n=1

N50 Above = 26

4.2, 0.34 32

Photo = 10.11 44
(1.27, 1.23)

Date 8/24/00	Surveyors ST	Comments'
Location: USCSF	Water temp. ©	
Time 5:00	AirTemp ©	I-5-200

Unit # 19	Unit Type Run	1 pass/Dep 1P.	Times	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
1	trt		1.45	51			
1	OC		3.85	73			
1	OC		38	81			
1	OC		12.98	06			
1	trt		1.68	52			
1	OC		10.43	95	Also on Pass #1 1 - ~~OK~~ FL: 59 wt: 2.19		
1	OC		5.73	81			

Unit # 20	Unit Type Pool	1 pass/Dep 1P.	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
1	OK		2.93	62			
1	OK		2.35	59			
1	OK		2.36	59			
1	OC		7.67	88			
1	PGS	N=3					

Unit # N50 Above #20	Unit Type Pool	1 pass/Dep 1P.	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
1	trt		0.79	42	shed tag - recap Photo #5, Scales ht.		
1	OC	Shed Tag	20.28	123	Fish from Unit 20 seen		
1	OC		11.70	100	Jacking Cover in this Unit		
1	OC		6.61	85	Fish / Appears bruised at mid section - both sides - Bite?		
					From fish perspective, this Unit and Unit #20		
					are probably a single unit.		
					Will call this Unit 20.1		

Unit #	Unit Type	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		

Unit #	Unit Type	1 pass/Dep	Times	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		

E-Fishing Data Form

Cutthroat Trout Revisit, Fall 2000.

Date: 8/24/00

Surveyors: ST

Comments: foggy

Location: USC SF

Water temp. @ 11.5C @ 11:00

Time: 9:00

Air Temp. @ 14°C @ 11:00

I-5-200

Species Codes: OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back

PGS = Pac. Giant Salam., Ammo = ammocete, BLamp = Brook lamprey, Plamp = Pacific Lamprey

Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	OC		9.30	94	
1	PGS	n=1			
					shocked on 8/23/00

Unit #	7	Unit Type	P001	1 pass/Dep	Dep.	Times:	P1 209	P2 201	P3 173	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)					
1	OC	501A090467	42.57	156	photo #3 roll #11 scales rt.					
1	trt		0.97	47						
1	pgs	n=1								
2		0 fish			2x					
3		0 fish								

#	Unit Type	P001	1 pass/Dep	1P	Times:	P1	P2	P3	P4
	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	Ammo	~~1~~ N=1							
1	B. lamp	N=1							
1	PGS	N=3							

Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	PGS	n=1	~~0.87~~	~~47~~	
					I also shocked NSO upstream of this unit - complex to fish soon

Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	OC		20.92	130	

E-Fishing Data Form

Cutthroat Trout Revisit. Fall 2000.

Date: 8/23/00
Location: USC 5F
Time: 3:30Surveyors: ST
Water temp. @ 11.5 c @ 6:30 PM
Air Temp. @ 15 c @ 6:30 PMComments: Foggy all day.
E-Fish setting I-5-200Species Codes: OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Pickly), GA = stickle back
PGS = Pac. Giant Salam., Ammo = ammocete, BLamp = Brook lamprey, Plamp = Pacific Lamprey

Run					
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	OK		23.30	132	
1	OK		3.70	8	

Unit #	Unit Type	Pass/Dep	1P	Times: P1	P2	P3	P4
2	Pool off channel	1 pass/Dep	1P				
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
1	OK		2.73	58			
1	OK		3.76	67	pool no longer off channel.		
1	trt		1.73	50	Still has flow through it.		
1	PGS	n=1			Braided channel here.		
					Full belly		

Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)			
1	trt	1.16	47	E-Fish Mant - (taken & frozen)			
1	OC	6.28	82				
1	trt	1.09	45				
1	PGS	n=1					
				Roll #11 photo #1 of this unit			
				photo #2 of where Chris stepped over			
				roho.			

Unit #	Unit Type	Pass/Dep	1P	Times: P1	P2	P3	P4
4		1 pass/Dep	1P				
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
1	OC		12.52	106	gill plates curled outward @ end.		
1	OC		21.77	127			

Unit #	Unit Type	Pass/Dep	Dep.	Times: P1	P2	P3	P4
5	Run	1 pass/Dep	Dep.	105	104	91	
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
1	trt		0.68	39			
1	trt		0.63	40			
	PGS	n=7					
	PGS	n=2					
3	PGS	n=1			* Unit modified - Downstream 1/2 of Unit		
					now dry. channel cut through same		
					LWD.		

ass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	OC		5.08	75	
1	OC		8.17	91	
1	PGS	n=3	2.77	59	

it #	5	Unit Type	P201	1 pass/Dep	1P	Times:	P1	P2	P3	P4
ass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)					
1	OC		17.08	118						
1	PGS	n = 1								

1 #	6	Unit Type	P201	1-pass/Dep	Dep	Times:	P1	1/24	P2	~1/24	P3	1/21	P4
4	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)								
1	OC		17.48	119									
2		8			Bottom of unit just netted goes								
3		8			Sub surface under log.								

ss #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	OK		1.72	50	
					*Disconnected from channel - checked
					is sub surface also.
					no nets used at all

ss #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl PGS & Ammo tally)
1	OK		3.66	66	
	frt		1.57	52	
1	frt		1.87	52	
					No top net.

E-Fishing Data Form

Cutthroat Trout Revisit, Fall 2000.

Date: 8/24/00

Surveyors: ST

Comments: Still Foggy.

Location: USCSF

Water temp. @:

Time: 11:30

Air Temp. @:

I-5-200

Species Codes: OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back

PGS = Pac. Giant Salam., Ammo = ammocete, BLamp = Brook lamprey; Plamp = Pacific Lamprey

Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	OC	501A05572C	67.68	178	(FL 178) photo #4 roll #1 scales Rt.
1	OC		14.80	111	
1	OC		32.00	149	
1	OK		2.18	58	
1	OK		2.33	58	

Unit #	Unit Type	Run	1 pass/Dep	1P	Times: P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)			
1	OC		15.20	117				
1	PGS	n=1						

Unit #	Unit Type	Pool	1 pass/Dep	1P	Times: P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)			
1	OC		10.20	91				
1	PGS	n=2			1 - large			

Unit #	Unit Type	Run	1 pass/Dep	Dep	Times: P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)			
1	tot		1.07	43				
1	PGS	n=4						
2	PGS	n=1						
3	tot		0.62	39				
3	PGS	n=1			fish ~ 65 mm left unit (upstream)			
					before I could set net			

Unit #	13	Top	Unit Type	Run	1 pass/Dep	Times:	P1	107	P2	127	P3	91	P4
Pass #	Species	PIT Tag #			Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)						
1	OK				3.16	63							
2	PGS	n=1											
-		0											
							I thought I split out this						
							log last time - I didn't. So lump						
							Both of these for Unit #13 total.						

Cutthroat Trout Revisit, Fall 2000

Date: 8/26/00 Surveyors: St

Location: USGSF Water temp. @: 11.5°C @ 5:00 PM

Time: 3:00 Air Temp. @: 13°C @ 5:00 PM

Comments: All E-Fishing to B outside Cutty units. In an attempt to find tagged cutties within the Reach. All are Complex units.

Species Codes: OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back
PGS = Pac. Giant Salam., Ammo = ammocete, BLamp = Brook lamprey, Plamp = Pacific Lamprey

Unit # 22 Above Unit Type Pool Complex 1 pass/Dep Times: P1 P2 P3 P4

Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	OC	581D 588F37	10.87	101	Photo #22, scales vt Max D. = 0.21 LWD + BO Cover. Approx 3m L. + 1.2 m W. Pool is created from scour, and fishing from beneath a large boulder. No way to blacknet. Max D from LWD + Boulder.

Unit # 23 Above Unit Type 1 pass/Dep Times: P1 P2 P3 P4

Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	OC		17.66	118	Got hit hard - shallow unit. Another OC seen ~ 100 m but swept under debris out of reach. Complex Max D. at least 0.2 m, from LWD scour unit area approx 1.6 x 1.6 m - totally covered LWD

			22.65	129	
					Complex lots of LWD - Max D = 0.20 Approx 2m wide. Max D from LWD scour.

Between Units

Unit #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
20 + 21	OC		2.76	62	
	OC		7.28	87	This unit is ~ 10 m downstream of next unit ~ 1.5 m x 2.0 m Max d = 0.16 from SWD scour.

Between Units

Unit #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
20 + 21	OC		9.02	92	
	OC		13.41	105	Downstream side of large log Upstream side of large log Turn gill hanging out of gill plate. Unit ~ 3m x 2m. Max D. 0.25 from LWD

3/4 of unit covered by LWD

Forming Data: Unit

Time: 5:20

Surveyors: ST

Water temp.@:

Air Temp. ©:

Comments: still All units that I have not
tagged fish in.

Species Codes: OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), **GA** = stickle back

PGS = Pac. Giant Salam., Ammo = ammocete, BLamp = Brook lamprey, Plamp = Pacific Lamprey

N50 APPX. 7m downstream of

Unit #	Unit Type	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
1	OC		23.41	121			
1	OC		8.18	91			
					This unit had a 14" x 10" hole into it. Large pool within though. entirely covered by LWD.		
					~ Dim. = ~ 1 m wide x 1.5 long (total guess)		
					~ Max Depth = 0.37		

NSD Approx 3m up from

[illegible]

NSO Below NSO #1 (invert-below)

Unit #	Unit Type	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
	OC		15.38	114			
1	OC		19.89	124			
1	OC		10.35	98			
1	OK		2.56	60			
1	OC		10.03	99	This unit is an atypical run on down stream end of Gilbert.		
					I missed one OC ~ 180 mm.		

[illegible][illegible]

Fall 00 Habitat Data Form

Cover Types: UB-undercut bank, SWD-small wood debris(<12"dia), LWD-large wood debris(>12"dia), RM-root mass, TV-terr. Veg., AV-aquatic veg., BC-bubble curtain, BO-boulder(>10"dia), BL-bedrock ledges.

Cover < .25m offwater, dims. to 0.1 m, as rectangle or triangle, third dim. # is hyp. of rt. triangle, all others are rectang.

Date: 9/26/00

Reach: USC SF

Crew: ST

#	NSO #	Unit Type	Length (m)	Widths			Max. Dp.(m)	Tail Dp.(m)	Cover Type	Dimens. (m)	Comments
				W1	W2	W3					
3		Continued							TV	.3 x .7 x	
									SWD	.1 x .7	
									SWD	.2 x .9	
2		Pool	3.0	2.0	—	1.9	0.17	~0.06	LWD	1.5 x 2.0	This unit still has some flow into & out of it, though both go subsurface.
									Max D = LWD Scour Beneath @ high flows		Photo # 21 = just upstream of unit # 2 where debris found Coho adult.
1		Run	Same	1.5	1.4	1.2	0.41	—	Culvert lip	1.2 x .8	MAX D = Lot scour @ Bend.
									TV	1.0 x .3	
									UB	.2 x 1.3	
									TV	.3 x .9	
									UB	.3 x 2.0	
									SWD	.2 x .8	
									UB	.1 x 3.0	
									TV	.4 x .6	

Date: 9/26/00

Reach: HSCSF

Crew: ST

Init	NSO #	Unit Type	Length (m)	Widths			Max. Dp.(m)	Tail Dp.(m)	Cover Type	Dimens. (m)	Comments
				W1	W2	W3					
9		Run	Same	1.0	.9	.8	0.17	-	SWD	.2 x 1.5x	Max D = Scour under SWD.
									UB	.2 x 2.6	
									UB	.3 x 2.4	
									SWD	.4 x 1.0	
									UB	.3 x 1.8	
8		Run	Same	1.0	1.0	1.0	0.13	-	SWD	.3 x .7	Max D = Scour - SWD.
									SWD	.1 x 1.2	
									SWD	.5 x .6	
									UB	.1 x .5	
7.1		Pool	Same	0.9	1.7	1.0	0.30	0.10	LWD	.2 x 1.5	Max D = Lat Scour LWD
									TV	.4 x .4	
									RM.	.9 x .8	
									SWD	.2 x .7	
7.0		Pool	Same	2.2	~2.2	0.9	0.63	0.07	TV	.9 x .3	Max D = Scour beneath LWD
									UB	.4 x .5	
									LWD	2.2 x 1.7	
									SWD	.5 x .3	
									UB	.1 x 1.0	
6		Pool	Same	1.0	1.7	0.9	0.61	0.11	LWD	.3 x 1.5	photo # 20
									SWD	.2 x .8	Max D = Scour beneath LWD
									SWD	.6 x .2	
									SWD	.9 x .3	
									LWD	.8 x .5	
									LWD	.5 x .9	
									LWD	1.5 x .7	
									SWD	.6 x .7	
									UB	1.3 x .6	
									SWD	1.6 x .2	
									TV	.6 x .3	
5		Run	5.8	1.0	0.8	0.9	0.15	-	TV	.1 x 2.2	stream cuts subsurface
									SWD	.4 x .7	and leaves lower 1/2 of
									SWD	.2 x .7	unit Dry.
									unit #5		Max D = Lat. LWD Scour
4		Pool	Same	0.9	1.6	1.1	0.30	0.08	SWD	.4 x .6	Max D = Scour beneath LWD.
									LWD	.8 x 2.0	
									UB	.2 x 1.3	
									TV	.4 x 1.0	
									SWD	.2 x 1.3	
									SWD	.2 x .7	
									LWD	.1 x .4	
									TV	.3 x .4	
		Run	Same	1.1	1.2	1.0	0.20	-	UB	.2 x .6	Max D = SWD Scour
									TV	.4 x 1.1	
									SWD	.7	
									TV	.2 x .5	
									SWD	.1 x 1.1	

Fall 00 Habitat Data Form

Cover Types: UB-undercut bank, SWD-small wood debris(<12"dia), LWD-large wood debris(>12"dia), RM-root mass, TV-terr. Veg., AV-aquatic veg., BC-bubble curtain, BO-boulder(>10"dia), BL-bedrock ledges.

Cover < .25m off water, dims. to 0.1 m, as rectangle or triangle, third dim. # is hyp. of rt. triangle, all others are rectang.

Date: 9/26/00 Reach: USCSF

Crew: ST

Unit #	Unit Type	Length (m)	Widths			Max. Dp.(m)	Tail Dp.(m)	Cover Type	Dimens. (m)	Comments
			W1	W2	W3					
20.1	Pool	3.0	1.3	1.5	1.2	0.29	0.10	UB	.4 x 1.2 x	This unit was complete rift in Apr-00
								LWD	.3 x 1.8	Now, it is connected well to
								LWD	.2 x .8	unit #20 + fish use it for
								UB	.2 x 1.6	cover. Max D = Scour below LWD
								TV	.8 x .4	
20	Pool	same	1.4	2.0	1.4	0.29	0.08	LWD	.4 x .9	Max D = SWD Scour below
								SWD	.2 x 1.0	photo #14 roll #16
								UB	.2 x .6	
								UB	.2 x 1.3	
								UB	.2 x 1.1	
								SWD	.1 x .7	
19	Run	same	1.1	1.1	1.1	0.33	N/A	LWD	.8 x .3	Max D = Scour below LWD
								LWD	2.0 x .4	photo #13 roll #16
								LWD	.5 x .6	
								SWD	.2 x .6	
								SWD	.7 x .4	
								LWD	.4 x .7	
								LWD	.5 x .8	
								UB	.4 x .3	
								LWD	.1 x .7	
								LWD	.6 x .5	
								UB	.2 x .7	
								SWD	.2 x 1.1	
								SWD	.4 x .6	
								TV	.3 x .7	
18	Run	7.8m	1.0	1.2	1.5	0.16	—	TV	.3 x .4	photo #12 roll #16
								SWD	.2 x .5	Max D from Bank left scour
17	Pool	1.5	2.0	2.4	—	0.32	under Bank.	LWD	.7 x 1.9	This unit is the sight
								SWD	.6 x .4	of old road x-ing
								UB	.1 x .9	very little flow in or out.
								Unit #17	→	Max D = LWD Scour beneath
16	Pool	5.7	1.5	1.1	1.5	0.25	under log	TV	.4 x .3	Max D = LWD Scour beneath
								LWD	.7 x 1.6	
								LWD	1.0 x 2.5	
15	Pool	same	1.0	1.5	2.3	0.29	0.04	TV	.4 x .7	Max D = SWD Scour - beneath
								SWD	.5 x 1.1	
								UB	.2 x .6	photo #15 roll #16
								SWD	.3 x 1.1	
								SWD	.1 x .7	
								SWD	.3 x .7	
								UB	.4 x .6	
								SWD	.4 x .4	
14	Run	same	0.9	1.1	1.1	0.19		SWD	.8 x .7	Max D = LWD - SWD Scour
								SWD	.5 x .3	
								UB	.1 x 1.0	
								UB	.1 x .1	

Fall 00 Habitat Data Form

Cover Types: UB-undercut bank, SWD-small wood debris(<12"dia), LWD-large wood debris(>12"dia), RM-root mass, TV-terr. Veg., AV-aquatic veg., BC-bubble curtain, BO-boulder(>10'dia), BL-bedrock ledges.

Cover < .25m off water, dims. to 0.1 m, as rectangle or triangle, third dim. # is hyp. of rt. triangle, all others are rectang.

Date: 9/26/00 Reach: USCSF

Crew: ST

nr	NSO #	Unit Type	Length (m)	Widths			Max. Dp.(m)	Tail Dp.(m)	Cover Type	Dimens. (m)	Comments
				W1	W2	W3					
14	Continued								SWD	.9 x 3x	
									SWD	.4 x .5	
									SWD	.6 x .9	
									UB	.2 x 1.3	
									SWD	.4 x .9	
									SWD	.3 x .8	
13	top half (Pool)		3.7m	1.2	? ^{LWD}	0.8	min of 0.26	0.19	UB	.4 x 1.1	Also held by SWD.
									LWD	1.0 x 1.3	Max D = Scour under LWD
									SWD	.3 x .7	
											Top of Unit is 3.7m that wasn't included in Fall 99
13	Bot. 1/2 (run like)		7.6m	1.0	0.8	0.9	0.12	—	UB	0.1 x 1.6	Two units, top & bot. really 1.
									SWD	0.3 x .6	Max D = SWD scour.
									SWD	.2 x .7	
									SWD	.2 x .6	
12	Pool	Same		0.8	0.8	1.0	0.25	0.09	RW	.3 x .8	Max D = Scour under RW
									UB	.1 x .7	photo #16 misfire
									UB	.1 x 1.1	photo #17 of unit #12
									SWD	.4 x .7	and bottom of #13
									LWD	.4 x 1.7	
									LWD	1.2 x .5	
									UB	.1 x .9	
11	Run	Same		0.8	0.9	0.9	0.25	—	LWD	.2 x .7	Max D = LWD Lat. Scour
									SWD	.4 x .7	Confluence of significant tributary.
									UB	.4 x 1.3	
									LWD	1.4 x .2	
									SWD	.6 x .5	
									SWD	.3 x .4	
									LWD	.6 x .4	
									SWD	.7 x .2	
									SWD	.9 x .3	
10	Pool	Same		1.1	1.8	3.2	0.71	0.11	LWD	.9 x 1.8	Max D = Scour beneath LWD
									UB	.6 x 1.5	photo #18 roll #16
									SWD	1.2 x .2	
									UB	.7 x 1.6	
									UB	.3 x 1.0	
									UB	.2 x .9	
									SWD	.2 x 1.2	
									SWD	.1 x .8	
									UB	1.3 x .3	
									UB	.7 x .3	
									LWD	.9 x 2.8	
									UB	.4 x .8	
									UB	.3 x 1.6	
									SWD	.2 x 1.0	

Fall 00 Habitat Data Form

Cover Types: UB-undercut bank, SWD-small wood debris(<12"dia), LWD-large wood debris(>12"dia), RM-root mass, TV-terr. Veg., AV-aquatic veg., BC-bubble curtain, BO-boulder(>10'dia), BL-bedrock ledges.

Cover < .25m off water, dims. to 0.1 m, as rectangle or triangle, third dim. # is hyp. of rt. triangle, all others are rectang.

Date: 9/1/00

Reach: USCSE

ST.

St.	NSO #	Unit Type	Length (m)	Widths			Max. Dp.(m)	Tail Dp.(m)	Cover Type	Dimens. (m)	Comments
				W1	W2	W3					
27		Pool	S	1.2	1.1	2.0	0.30	0.08	UB	.3 x 1.2	Max D from SWD plunge
									SWD	.3 x 1.2	
									TV	.2 x .9	
									TV	.4 x .6	
									UB	.5 x 1.1	
									LWD	.6 x .7	
									SWD	.5 x .4	
26		Run	S	0.6	1.0	1.4	0.15		SWD	.8 x .4	Max D - from SWD Alder -
									TV	.5 x .6	
									SWD	.6 x .4	
									TV	.2 x .9	
									SWD	.2 x .8	
									SWD	.2 x .6	
25		Pool	S	0.6	0.8	1.1	0.29	0.05	LWD	.9 x .3	Max D from Cobble plunge + LWD scour
									LWD	.4 x 2.0	Cobble associated w/ it
									UB	.3 x 1.8	stream crossing.
24		Run	10.1	1.6	1.7	1.5	0.29	0.05	LWD	.7 x .7	
									LWD	.6 x .9	
									LWD	.3 x .9	
									TV	.5 x .7	
									LWD	1.0 x 1.4	
									SWD	.7 x .7	
									SWD	.5 x .5	
									SWD	.7 x .7	
23		Run	S	1.8	1.5	1.0	0.20	—	LWD	.7 x .6	Max D. from LWD Scour
									SWD	.2 x 1.0	
									LWD	.5 x 1.7	
									LWD	.1 x .8	
									SWD	.3 x .7	
									SWD	.4 x .4	
22		Pool	S	1.9	—	2.8	~0.30	0.05	LWD	2.5 x .8	Max D. from LWD scour beneath
									UB	.7 x .4	
									SWD	.4 x .4	
									SWD	.4 x .8	
21.1		Run	S	1.2	3.2	1.9	0.25		LWD	.3 x 1.1	Max D. from LWD Scour
									LWD	.5 x 1.3	
									LWD	1.5 x .4	
									SWD	.6 x .6	
									SWD	.5 x .5	
									LWD	.6 x 3.9	
									LWD	.9 x 1.0	
									SWD	.8 x .8	
21		Run	S	0.7	1.1	0.9	0.19		LWD	.2 x 1.3	Max D. from LWD Scour
									LWD	.2 x 2.6	
									LWD	.5 x .5	
									SWD	.8 x .8	
									LWD	.5 x .4	

Date: 9/1/00

Reach: USCSF

cloudy

S = same length as APR 00

widths from Downstream to upstream.

Unit	NSO #	Unit Type	Length (m)	Widths			Max. Dp. (m)	Tail Dp. (m)	Cover Type	Dimens. (m)	Comments
				W1	W2	W3					
38		Pool	S	1.1	1.0	3.0	0.25	0.03	LWD	.5 x .6 x	Max D from plunge off bedrock and LWD in/whit.
									SWD	.3 x .6	
									SWD	.7 x .5	
									LWD	1.1 x 1.6	
37		Run	8.4	1.0	1.2	1.2	0.21	NA	SWD	1.4 x .6	Max D from LWD plunge
									UB	.4 x 1.4	
									SWD	1.0 x .5	
									SWD	.1 x 1.4	
36		Pool	same	1.1	3.0	-	0.24	0.07	SWD	.7 x 1.2	Max D from LWD Plunge + LWD Scour
									LWD	1.1 x .3	
35		Pool	S	2.3	-	1.5	0.29	0.07	LWD	.5 x .8	LWD in way of W2
									LWD	1.4 x .8 x 1.6	Max D from LWD scour.
									SWD	0.6 x .4	
34		Run	S	1.0	1.2	1.2	0.15		LWD	0.6 x 1.0	Max D from Scour beneath LWD
									BD	0.3 x 0.3	
									SWD	0.9 x 0.5	
									TV	0.4 x 0.9	
									LWD	1.4 x 0.8	
33		Run	5.1	1.0	1.7	1.1	0.21	-	SWD	.4 x .7	W1 begins where split into 2r
									LWD	1.1 x .4	Max D from LWD Deflection
									SWD	.4 x .4	
									SWD	.3 x .7	
32		Pool	S	1.3	1.3	1.5	0.26	0.04	SWD	1.1 x 1.2	MAX D from SWD scour + LWD Scour
									LWD	.6 x .9	SWD forms a Mass
									UB	.4 x .8	
									TV	.3 x .4	
31		Pool	7.9	1.2	0.9	1.6	0.43	0.09	LWD	0.9 x 1.2	Max D from LWD plunge + LWD scour.
									LWD	.2 x 1.6	
									SWD	.3 x .7	
									SWD	.4 x .3	Submerged
									LWD	.2 x .9	
									LWD	.2 x 1.6	
									SWD	1.0 x .9	
30		Run	4.4	0.7	0.8	1.0	.11		UB	.4 x .8	rifle-like.
									UB	.3 x 1.0	Max D from Lat. Scour.
									SWD	.3 x .7	
									SWD	.3 x .3	
29		Pool	S	2.0	2.9		0.42	0.04	LWD	2.9 x 1.	Max D from LWD Scour under LWD
									LWD	1.6 x 1.8	
28		Pool	S	1.0	1.5	1.6	0.23	0.04	LWD	2.1 x .7	used to be a run
									UB	0.3 x 0.3	
									SWD	.1 x 1.0	Max D from LWD Scour.
									-	.5 x .4	
									UB	.1 x 1.0	
									TV	.4 x .6	terns.

Cutthroat Trout Revisit, Fall 2000.

10/10/00 0030

Date: 9-4-00 Surveyors: ST, KR
 Location: USCNF Water temp. @:
 Time: 1:10 PM Air Temp. @:

Comments:

I-5-200

Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	PGS				

Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	OC		8.45	89	

Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	OC	sh			

Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	OC		10.05	98	
1	trt		1.63	57	

Unit #	Unit Type	1 pass/Dep	Times: P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt (G)	FL (mm)	Comments (incl PGS & Ammo tally)	

I-5-200

Species Codes: OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back
PGS = Pac. Giant Salam., Ammo = ammocete, BLamp = Brook lamprey, Plamp = Pacific Lamprey

Unit # 32	Unit Type	Run.	1 pass/Dep	Times:	P1 159	P2 150	P3 149	P4
pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)			
1	OC		4.00	68	Pic 1 990N			
1	TRT		1.35	48				
1	TRT		.59	38	Pic 2,3 990N			
1	OC		2.04	55				
1	PGS	N = 1						
2		8						
3	P6S	N = 2						

[illegible]

it #	333	Unit Type	P00/	1 pass/Dep	1P	Times.	P1	P2	P3	P4
ass#	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)					
1	OC	501D52585A	18.85	118	Pic 4 990N - photo 24 Roll 12					
1	TRT		1.25	49						
1	OC		2.04	58						
1	OC		1.70	54	Pic 5 + 6 99N					
1	OC		4.97	72	Photo					

Unit #	Unit Type	1 pass/Dep	P1	P2	P3	P4
38	Run	1P				
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)	
1	TRT		1.60	51	Seen but did not capture 80 mm	
1	oc		1.91	57		
1	TRT		1.42	51		

[illegible]

Date: 9/3/00 Surveyors: SWT, ST
 Location: VSCNF Water temp. @ 11.5°C @ 3:00
 Time: 2:50 Air Temp. @ 15°C @ 3:00

Comments:

I-5-200

Unit #	30	Unit-Type	Pool	1 pass/Dep	Times:	P1 1:24	P2 1:17	P3 1:12	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	TRT		1.18	47					
1	OC		1.77	55					
1					21 PGS				
2					1 PGS				

Unit #	31	Unit Type	RUN	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	OC		2.61	64					
1	OC	501D4E3E39	11.88	100	PHOTO # 23 ROLL # 12				

Unit #		Unit Type		1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				

Unit #		Unit Type		1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				

Unit #		Unit Type		1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				

Cutthroat Trout Revisit, Fall 2000.

Date: 9/2

Surveyors: SWT; ST

Comments:

Location: USCNF

Water temp.©:

Time: 12:46

**Air Temp. **

I-5-200

- **Species Codes:** OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back

pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	OC	501 D6D6653	20.06	124	PHOTO #22
					Scales RT.

[illegible]

1	PGS				
1	PGS				
2		Ø			
3		Ø			

[illegible]

Unit #	29	Unit Type	RUN	~~Pass~~ /Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1					5 PGS				
1	TRT		1.43	48					
1	OC			~80mm	missed in deepest part of unit				

Cutthroat Trout Revisit, Fall 2000.

Date: 9/3

Surveyors: SWT; ST

Comments: .

Location: USCNF

Water temp. ©:

Time: 11:38

Air Temp. ©:

I-5-200

Unit # 20	Unit Type	1 pass/Dep	1P	Times: P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
1	OC		7.21	83	~~PGS~~		
1	TRT		.84	44			
1	TRT		1.11	48			
1	PGS	N = 1					

Unit # 21	Unit Type	RUN	1 pass/Dep	DEP	Times: P1	113	P2	102	P3	111	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)						
1	OC		9.43	89							
1	OC		1.81	54							
1	OC		3.59	66							
2	PGS	N = 1									
3		Ø									

#	RUN										
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)						
1	OC		1123	49	Saw but didn't capture fish						
1	OC		2.44	63	~ 40 mm						
					e-fished NSO directly below unit 22						
					(2) fish - deep pool						

Unit # 23	Unit Type	RUN	1 pass/Dep	1P	Times: P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)			
	OC		2.59	59	PHOTO #'s 20, 21, 22			
	~~TRT~~		.73	42	last photo (22) of all three			
	TRT		1.20	48	fish			

Unit #	24	UnitType	RUN	1pass/Dep	1P	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #		Wt. (G)	FL (mm)	(Comments (incl. PGS & Ammo tally))				
1	OC			2.45	61					
1	OC			6.48	85	NSO - pool				
NSO	Above Unit # 24			Pool	Complex.					
1	OC			6.48	85					

Date: 9/2/00	Surveyors: ST, AC	Comments:
Location: USC NF	Water temp. @:	
Time: 4:00	Air Temp. @:	I-5-200 PAGE 3
Species Codes: OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back		

Date: 9/2/00

Surveyors: ST, AC

Comments:

Location: USC NF

Water temp.©:

Time: 4:00

Air Temp. ©:

I-5-200

PAGE 3

Species Codes: OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back

Unit #	19	Unit Type	Run	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	OC	501D5B3F6E	12.24	113	P67 # I?				
1	TRT		1.12	47					
1	TRT		1.06	49					

[illegible][illegible][illegible][illegible]

Cutthroat Trout Revisit, Fall 2000.

Date: 9/2/00 Surveyors: ST, AC
Location: LISNF Water Temp. ©:
Time: Air Temp. ©:

Comments:

I-5-200

PGS = Pac. Giant Salam., Ammo = ammocete, BLamp = Brook lamprey, Plamp = Pacific Lamprey

Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
a	P65	n = 1			
1	Or		3.99	72	
					Unit w/ run-like features.
					NSO above #6 ⇒ TRT 1.03 45

[illegible]

Unit #	8	Unit Type	Ruin	1 pass/Dep	Times:	P1	P2	P3	P4.
Ass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
		Ø anything			unit mostly dry				

[illegible]

Unit #	Unit Type	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)		
1	OC		62.53	172	Photos # 10 + 11 of larger OC → Rt side scales taken		
1	OC		850	91			
					Both fish caught in uppermost deep pool (1m+)		
					1 fish [40mm] seen but not captured		

Date: 9/2/00 Surveyors: ST, AC Comments: Rain last night, sprinkles today.
 Location: USENF Water temp. ©: 12°C
 Time: 10:00 Air Temp. ©: 12.5°C T-S-200 PAGE 1

pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
		~~A~~ 10/1/00			Unit. almost entirely dried.

Unit #	2	Unit Type	Pool	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	PGS	n=1							
1	OC		1.96	54					
1	TRT		1.41	50					
					Unit now a r.f.				

Unit #	3	Unit Type	Run	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	PGS	n=1							
1	OC		1.98	56					
1	OC		3.32	67	Photo # 9 of all fish => Roll # 12				
1	OC		4.53	74					

Unit #	4	Unit Type	Run	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	PGS	n=1							
1	OC		9.10	96	Photo # 8 of unit				
1	OC		0.96	46					

Unit #	5	Unit Type	Run	1 pass/Dep	Dep	Times:	P1 167	P2 247	P3 178	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)					
1	OC		8.06	90						
2	OC		2.05	55	Unit now w/ deep pool like features					
	OC		12.53	100	Pass # 2 fish seen on Pass # 1					

Date: 9/2/00 Surveyors: ST, AC Comments: .
 Location: USC NF Water temp. ©:
 Time: 1000 Air Temp. ©: T-5-200 Page 2

Unit #	11	Unit Type	Pool	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	OC	501 D 5 B 7 268	20.04	126	Photo #12 of fish - scales taken (At side)				
1	TAT		2.26	57					
1	OC	501 D 56 7 52 A	11.21	102	Photo #13 of fish - scales taken (At side)				

Unit #	12	Unit Type	Pool	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
2	PGS	n=2							
2	MM	n=1							
2	TAT		0.37	35					
1	TAT		1.57	53					
1	TAT		0.55	37					
1	OC	501 D 550 250	36.01	153	Photo #14 - scales taken (At side) - skinny fish				

Unit #	NSO ab 12	Unit Type	Pool	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	TAT		1.50	53					
1	OC		19.56	123	Fish from NSO root wad - complex above Unit #12 - check HabiDot Fall 99 to determine whether to lump.				
					yes this gets lumped w/ Unit #12				

Unit #	13	Unit Type	Pool	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1		Ø 1134							

Unit #	14	Unit Type	Pool	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1		Ø							
1	OC		16.02	112					
		Ø							
					See April HAB DATA				

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Unit #	14 A	Unit Type	Pool	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	OC	501 E 606 R 3 F	64.93	199	Photo # 15				

Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	OC		9.33	93					
2	TRT		1.58	53					

Unit #	16	Unit Type	Aqu	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	PGS	A=1							
1	OC		2.29	60					
1	OC		3.16	67	Photo # 16 = All Fish				
1	TRT		1.05	44					
1	TRT		0.96	46					

Unit #	17	Unit Type	Pool	1 pass/Dep	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	OC		16.03	115					
1	TRT		0.73	43					
1	TRT		0.62	40					

Unit #	18	Unit Type	Pool	1 pass/Dep	Times:	P1 140	P2 145	P3 177	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	OC		7.81	91					

Cutthroat Trout Revisit, Fall 2000.

Date: 8/31/00

Surveyors: ST

Comments:

Location: USCNF

Water temp. @ 11.5°C @ 12:00

Time: 12:00

AirTemp. @ 14°C " "

I-5-200

foggy - Stream flow looks minimal.

Species Codes: OC = cutthroat, TRT = trout, OK = coho, OT = chinook, CP = sculpin (Prickly), GA = stickle back

Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	OC	11 = 1	4.25	73	was run #44
					photo #23 roll 11 is of this unit.

Unit # 43	Unit Type Pool	1 pass/Dep 1P	Times: P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)	
1	OC	shed Tag.	39.49	155	photos 3, 4, 5 roll #12	
					also photo #6 rt. side of fish	
					photo # 74 of roll # 11 is of this unit	
					lower 1/2 of this unit was #43 run Fall 99	
					upper " " " " " " " " " " " "	
					combine fall 99 units for total.	

Unit # 42	Unit Type	Auh	1 pass/Dep	10	Times: P1 159 P2 154 P3 149 P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)
1	OC		2.57	63	
1	Trt		0.95	46	
1	PGS	11 = 1			

Unit # 41	Unit Type	Pool	1 pass/Dep	Dep.	Times:	P1	P2	P3	P4
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)				
1	OC	501D5E3E55	9.15	98	scales rt. photo #7 roll #12				
1	OC		27.88	143					
1	OC		3.64	73					
1	trt		1.30	50					
1	P65	n = 1							
2	P65	n = 1			photo # 2 roll # 12 is of this unit.				
3		0							

Unit #	Unit Type	1 pass/Dep		Times: P1 P2 P3 P4				
Pass #	Species	PIT Tag #	Wt. (G)	FL (mm)	Comments (incl. PGS & Ammo tally)			

Fall 00 Habitat Data Form

Cover Types: UB-undercut bank, SWD-small wood debris(<12"dia), LWD-large wood debris(>12"dia), RM-root mass, TV-terr. Veg., AV-aquatic veg., BC-bubble curtain, BO-boulder(>10"dia), BL-bedrock ledges.

Cover < .25m off water, dims. to 0.1 m, as rectangle or triangle, third dim. # is hyp. of rt. triangle, all others are rectang.

te: 9/14/00

Reach: USCNF

Jnit #	NSO #	Unit Type	Length (m)	Widths			Max Dp.(m)	Tail Dp.(m)	Cover Type	Dimens. (m)	Comments
				W1	W2	W3					
41		Pool	Same	1.2	7.3	0.7	0.30	0.04	LWD	0.7x.9x	Max D - LWD Slows
									LWD	2.0x.7	
									SWD	.2x.7	
									SWD	.4x.8	
42		Run	Same	0.6	0.6	0.7	0.08	—	SWD	.4x1.0	
									SWD	.3x.8	
									LWD	.1x1.3	
43		Pool		0.4	2.5	1.8	0.48	0.04	LWD	0.3x.6	Unit - Max Dep - LWD Slows
									LWD	2.0x2.0	Beneath
									LWD	1.5x1.5	
									SWD	0.8x0.7	
44		Pool	Same	1.2	0.7	1.1	0.07	1/4	TV	.4x.8	Unit Very Shallow,
									SWD	.3x.7	is a dammed pool (LWD)
									UB	.3x1.2	when discharge is higher.
									SWD	.3x.5	like like now.

Fall 00 Habitat Data Form 1

(5)

Cover Types: UB-undercut bank, SWD-small wood debris(<12"dia), LWD-large wood debris(>12"dia), RM-root mass, TV-terr. Veg., AV-aquatic veg., BC-bubble curtain, BO-boulder(>10"dia), BL-bedrock ledges.

Cover < .25m off water, dims. to 0.1 m, as rectangle or triangle, third dim. # is hyp. of rt. triangle, all others are rectang.

te: 9/14/00

Reach: USC NF

Jnit #	NSO #	Unit Type	Length (m)	Widths			Max Dp.(m)	Tail Dp.(m)	Cover Type	Dimens. (m)	Comments
				W1	W2	W3					
10		Pool	Same	0.5	0.5	2.2	0.64		LWD	2.2x0.8x	Max Dep. Scour beneath LWD
									UB	.9x1.0	
									SWD	.3x1.2	
									UB	.3x1.4	
									TV	.3x.6	
9		Pool	3.2	1.0	1.8	1.0	0.30	+	LWD	.4x1.0	Max Dep. Scour Beneath LWD
									SWD	1.0 x .6	
									LWD	.4x.8	
8		Run	+								unit completely dry.
7		Run	Same	1.0	0.9	0.7	0.09	-	SWD	.7x1.0	Basically a rattle now
									SWD	.9x.1	
									UB	.1x.7	
									TV	.3x.8	
6A	14	Pool	~1.5	~1.0			0.20	0.05			Complex sub surface
6	13	Pool	Same	.8	1.5	.8	0.13	0.04	SWD	.3 x .9	Max D from SWD
									UB	.1 x .3	
									SWD	.3x.5	
		Pool	Same	0.7	0.8	1.5	0.35		TV	.9x.8	has a Deep pool nearby
		Run							LWD	.4x1.3	Max D = LWD Scour Beneath
									LWD	1.2x.9	
									SWD	.8x.7	
									UB	.1x1.1	
									AV	.7x.4	
									UB	.2x.9	
									SWD	.4x.3	
									LWD	.6x.4	
4		Run	Same	1.0	0.6	0.6	0.26	-	LWD	.4x1.0	Max Dep - LWD scour
									UB	.2x1.6	
									UB	.1x.8	
									SWD	.5x.7	
									SWD	.2x.5	
									TV	.3x.5	
									SWD	.2x.3	
3		Run	Same	0.7	0.7	0.7	0.08	-	SWD	.3x.6	Max D from SWD
									SWD	.2x.3	
									LWD	.5x1.5	
									SWD	.2x.7	
2		Pool	Same	0.4	0.5	1.0	0.08		SWD	.2x.9	Very shallow
									SWD	.2x.7	
		Pool	~1.5	.6	.6	.6	0.07	-	LWD	1.5x.3	all but dried up

Fall 00 Habitat Data Form

Cover Types: UB-undercut bank, SWD-small wood debris(<12"dia), LWD-large wood debris(>12"dia), RM-root mass, TV-terr. Veg., AV-aquatic veg., BC-bubble curtain, BO-boulder(>10"dia), BL-bedrock ledges.

Cover < .25m off water, dims. to 0.1 m, as rectangle or triangle, third dim. # is hyp. of rt. triangle, all others are rectang:

e: 9/14/00

Reach: USCNF

nit #	NSO #	Unit Type	Length (m)	Widths			Max. Dp.(m)	Tail Dp.(m)	Cover Type	Dimens. (m)	Comments
				W1	W2	W3					
17		Pool	Same	0.8	1.2	0.8	0.19	0	SWD	.4 x .7 x	Max D LWD scour
									LWD	.2 x .3	
									SWD	.1 x .1	
16		Run	Same	0.8	1.0	1.6	0.24	-	RW	.5 x .0	Max D from RW
									TV	.6 x .5	
									~~SWD~~	~~.3 x .8~~	
									RW	.3 x .8	
									UB	.1 x .5	
									TV	.3 x .5	
15		Run	Same	1.0	0.8	0.7	0.19	-	RW	.3 x .9	Max D. from SWD scour
									RW	.6 x .2	
									SWD	.1 x .2	
									SWD	.2 x .7	
									SWD	.1 x .7	
									UB	.1 x 2.0	
									UB	.2 x 1.5	
									SWD	.4 x .6	
14A		Pool	Same	1.7	2.3	1.5	0.38	0.05	LWD	1.5 x .8	Max Dep. - scour below LWD
14A									LWD	1.2 x .5	photo # 21
									SWD	.3 x .9	
									UB	.4 x .9	
									LWD	.9 x .6	
									LWD	2.0 x .9	
									UB	.4 x 1.2	
14	P2	Run	Same	0.8	1.3	1.1	2.0	-	UB	.5 x 2.5	upstream most pool
14	P1		Same	.9	1.9	.7	4.0	0	LWD	1.5 x 1.7	middle pool
									UB	.3 x 1.2	Max D LWD scour
14	Rif	(Rif)	Same	0.7		0.5	0.05		UB	.3 x .8	Riffle part (lowest)
									LWD	.5 x .7	
13	Pool		2.0	0.6	1.1	0.7	0.07	0	SWD	.5 x .6	Very shallow.
									UB	.2 x 1.0	
12	Pool	Pool	Same	0.9	1.0	1.3	0.38	0.04	RW	.3 x 1.5	Max Dep - RW scour
									SWD	.5 x .6	
									UB	.1 x 1.0	
									RW	.7 x 1.0	
									LWD	.5 x 1.3	
									LWD	.4 x 1.0	
									UB	.1 x .6	
11		Pool	Same	0.6	1.5	0.9	0.22	0.04	LWD	.6 x 1.1	Max D - LWD scour.
									LWD	.4 x 1.0	
									LWD	.3 x 1.4	
									LWD	.4 x .7	
									LWD	.1 x .9	

Fall 00 Habitat Data Form

Cover Types: UB-undercut bank, SWD-small wood debris(<12"dia), LWD-large wood debris(>12"dia), RM-root mass, TV-terr. Veg., AV-aquatic veg., BC-bubble curtain, BO-boulder(>10'dia), BL-bedrock ledges.

Cover < .25m offwater, dims. to 0.1 m, as rectangle or triangle, third dim. # is hyp. of rt. triangle, all others are rectang.

te: Reach:

Unit #	NSO #	Unit Type	Length (m)	Widths			Max. Dp.(m)	Tail Dp.(m)	Cover Type	Dimens. (m)	Comments
				W1	W2	W3					
27									SWD	9x.7x	
26		Pool	5.0	1.0	1.0	1.1	0.21	0.5	LWD	.8x1.5	Max Dep - LWD Scour, Lat
									LWD	.8x1.0	
									LWD	.4x1.6	
25		Pool	2.3	1.7	1.5	-	0.45	0	LWD	.8x1.9	Max Dep - Scour below LWD
									UB	.6x1.8	
									SWD	1.0x.7	photo #19 roll #14
											of unit looking downstream, surface
											Not flow in or out of unit - complex - Not in sample.
N/A	43	Pool	~1.5	~1.5			0.22	-			
24		Run	Same	0.8	1.2	0.9	0.13	-	SWD	.3x1.4	
									SWD	.2x.6	Max Dep - Scour SWD.
									SWD	.2x.7	
23		Run	Same	0.6	0.8	0.8	0.15	-	AV	1.3x.5	
							0.15		UB	0.3x1.4	
									SWD	.2x.9	
									TV	.3x.6	
									SWD	.2x.6	
22		Run	Same	0.9	0.7	0.8	0.18	-	SWD	.1x.5	Max Dep from SWD Scour
									SWD	.4x.6	
									SWD	.3x.6	
									SWD	.4x.6	
									TV	.3x.7	
37		Pool	~4m	~1m			0.45		LWD		Not in Orig Survey
											Unit very complex
21		Run	Same	0.9	1.0	1.3	0.19		LWD	.4x1.5	Max Dep - LWD Scour
									SWD	.2x1.9	beneath
									UB	.3x1.2	
									SWD	.2x.6	
									LWD	1.2x1.1	
20		Run	Same	0.6	0.8	1.2	0.14	-	UB	.2x1.8	photo #20 roll #14
									SWD	.2x1.4	Max Dep from Run Scour
									UB	.1x1.7	fish spawning in Apr. 00
									UB	.2x1.7	Down stream 1/2 of Unit a Rift
									UB	.1x.9	
									SWD	.5x.3	
19		Run	Same	1.0	1.0	0.9	0.12	-	TV	.6x1.2	
									UB	.1x1.7	
									SWD	1.0x.4	
8		Pool	Same	1.2	2.4	2.6	0.68	0.05	LWD	1.0x2.6	Max. D. from Scour beneath LWD
									LWD	.6x.7	
									TV	1.3x.3	
									UB	.1x1.6	
									SWD	0.2x1.3	

Fall 00 Habitat Data Form

Cover Types: UB-undercut bank, SWD-small wood debris(<12"dia), LWD-large wood debris(>12"dia), RM-root mass, TV-terr. Veg., AV-aquatic veg., BC-bubble curtain, BO-boulder(>10"dia), BL-bedrock ledges.

Cover < .25m off water, dims. to 0.1 m, as rectangle or triangle, third dim. # is hyp. of rt. triangle, all others are rectang.

te: 9/14/00

Reach: USC NF

Unit #	NSO #	Unit Type	Length (m)	Widths			Max. Dp. (m)	Tail Dp. (m)	Cover Type	Dimens. (m)	Comments
				W1	W2	W3					
34									SWD	.7x.6x	
Cont.									LWD	1.5x.5	
									LWD	0.8x1.1	
									SWD	.4x.6	
33		Pool	Same	1.0	1.3	0.9	0.28	0.04	SWD	0.6x.7	Max Dep. - LWD Scour Bene
									SWD	.6x.4	
									LWD	.5x1.0	photos 16 + 17 of unit - Roll 11
									LWD	.5x1.0	
									LWD	.7x.4	
									LWD	.4x.23	
									TV	1.1x.5	(skunk cabbage)
									TV	.2x.7	Deer fern + lady fern
32		Run	Same	0.7	0.8	0.6	~~0.28~~ 0.15		RW	.7x.7	
									UB	0.2x.7	Max Dep - ~~unit~~ Scour
									LWD	1.3x.5	SWD Scour
									SWD	1.4x.3	
									UB	.3x1.0	
									UB	.2x1.3	
									SWD	.2x.6	
31		Run	Same	0.7	1.0	1.3	0.19	—	LWD	.6x.7	Max Dep - LWD Scour
									SWD	.5x.3	photo #18 of this unit and pool #30
									UB	.3x.6	
									TV	.4x.4	
									SWD	.2x.7	
									UB	.2x1.0	
30		Pool	Same	0.7	1.2	0.7	0.13	? under log	SWD	.2x.4	Max Dep - lot Scour LWD
									LWD	.6x.5	
									LWD	.7x.4	
									SWD	.4x.4	
									SWD	.2x.4	
									TV	.4x.4	
									LWD	.6x.7	
									UB	.9x.1	
29		Run	Same	1.5	0.7	0.7	0.30	—	SWD	.3x.9	Max Dep - Scour beneath LWD
									SWD	.3x.8	
									UB	.3x1.5	
									LWD	1.1x.7	
									LWD	1.0x.7	
									LWD	.8x.9	
									SWD	.7x.6	
									SWD	1.5x.4	
28		Run									unit totally covered by tree fall.
27		Run		0.7	0.8	0.8	0.13	—	SWD	.7x.5	
									TV	.4x.5	
									UB	.2x1.1	

Fall 00 Habitat Data Form

Cover Types: UB-undercut bank, SWD-small wood debris(<12"dia), LWD-large wood debris(>12"dia), RM-root mass, TV-terr. Veg., AV-aquatic veg., BC-bubble curtain, BO-boulder(>10"dia), BL-bedrock ledges.

- Cover < .25m offwater, dims. to 0.1 m, as rectangle or triangle, third dim. # is hyp. of rt. triangle, all others are rectang.

Date: 9/14/00

Reach: USCNF

11:00 AM

Working Downstream

Crew: ST

Unit #	NSO #	Unit Type	Length (m)	Widths up.			Max. Dp.(m)	Tail Dp.(m)	Cover Type	Dimens. (m)	Comments
				W1	W2	W3					
40	71	Pool	Same	0.7	1.3	0.9	0.16	0.04	TV	.7x.7x	Unit formed by LWD Scour
39	69	Run	Same	0.5	0.5	0.8	0.07	—	LWD	.4x.6	Max Depth 11 " Beneath
									LWD	1.0x0.9	
39	69	Run	Same	0.5	0.5	0.8	0.07	—	SWD	.5x.2	Max Depth - Bank Slope
									TV	1.2x.4	Lateral
									UB	0.2x1.3	
									SWD	0.2x0.8	
									UB	1.6x.2	
									TV	1.6x.2	
									TV	.7x.4	
									SWD	.6x.4	
									TV	0.4x.4	
38	67	Run	Same	0.5	0.6	0.6	0.10	—	UB	0.3x.4	Max Depth - LWD Scour
									LWD	0.4x.6	Beneath
									TV	0.9x0.4	
									UB	0.1x.9	
									SWD	0.6x.3	
									UB	0.2x.6	
									TV	0.2x0.7	
									UB	.2x.7	
37		Pool	Same	0.4	0.4	0.9	0.15	0.04	SWD	0.4x.4	Bottom 1/2 of unit is Rf.
									LWD	1.1x.8	Unit created by LWD Scour
									UB	0.2x1.2	Beneath
									TV	0.5x.2	
									TV	0.5x.3	
36		Run	Same	0.9	1.0	0.5	0.16	—	LWD	1.7x.2	Max Dep - LWD Scour
									TV	1.1x.3	Beneath
									SWD	0.3x1.0	
									LWD	0.3x.9	
									SWD	.4x.6	
									SWD	0.6x.5	
									LWD	1.3x.6	
									SWD	.3x1.6	
35		Run	Same	0.8	0.5	0.9	0.16	—	SWD	.9x.3	Max Dep - LWD Scour Beneath
									LWD	.9x.4	
									LWD	0.4x2.0	
									~~UB~~	~~0.2x1.3~~	
									UB	0.2x1.1	
									SWD	0.3x0.3	
									TV	0.3x.9	
									UB	.1x1.0	
									SWD	.6x.4	
34		Run	Same	0.6	0.7	1.0	0.10	—	LWD	0.2x1.5	Max Dep - LWD Scour - lat
									UB	.1x.5	
									TV	.7x.7	