State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Anadromous Waters Catalog

V1

Region: Southcentral

USGS Quad(s): Anchorage C6 SE

Anadromous Waters Catalog Number of Waterway: 247-50-10200-2081-3025-4030-0030

Name of Waterway: Jim Lake ☑ USGS Name ☐ Local Name

☑ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

Nomination #	11-548		
Revision Year:	2012	Fisheries Scientist	10/14/11 Date
Revision to:	Atlas ____ ____	Habitat Operations Manager	10/14/11 Date
	Both ✓	AWC Project Biologist	9/27/11 Date
Revision Code:	B-2	Cartographer	11/2/11 Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho salmon	06/16/2011		✓		✓
sockeye salmon	06/22/2011		✓	✓	✓
Dolly Varden	08/17/2011			✓	

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

Comments: Add sockeye salmon rearing to lake

28 minnow traps were set in Jim Lake on 3 sampling events on 6/15-16,28, 7/18-20, 8/15-17, 2011. Spatial coordinates, photos, soak time, water quality, and habitat measurements were recorded at each sampling site. See attached materials.
100's of juvenile salmon(50-80mm,100-130mm) were observed near the Jim Lake boat launch on 6/24/2011. 80 juvenile coho salmon(59-146mm), 2 Dolly Varden(83-172mm), and 5 sockeye salmon(62-72mm), three-spine stickleback(n=2322), nine-spine stickeback(n=8), AK blackfish(n=32) were captured during surveys.
Adult sockeye salmon were observed 8/15-16 between the boat ramp and the inlet on the north side of the lake. Nomination to provide backup info to update surveys data for rearing coho salmon; to add rearing sockeye salmon. Datum NAD83.
Coordinates (Lat,Long): (61.55422,-148.92822)

Name of Observer (please print): Elizabeth Benolkin

Signature: 146.63.61.200 (Web Nomination) Date: 09/26/2011

Agency:

Address: U.S. Fish & Wildlife Service U.S. Fish & Wildlife S

Anchorage, AK 99501

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

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

Name of Area Biologist (please print):

Figure 1. Topographic map of US Fish & Wildlife Service (USFWS) minnow trap sampling sites in Jim Lake, AK on June 15-16, 22, 28, July 18-20, and Aug 15-17, 2011. Red circles indicate locations where sockeye salmon were captured (n=5) and blue circles indicate locations where juvenile coho salmon were captured (n=80).

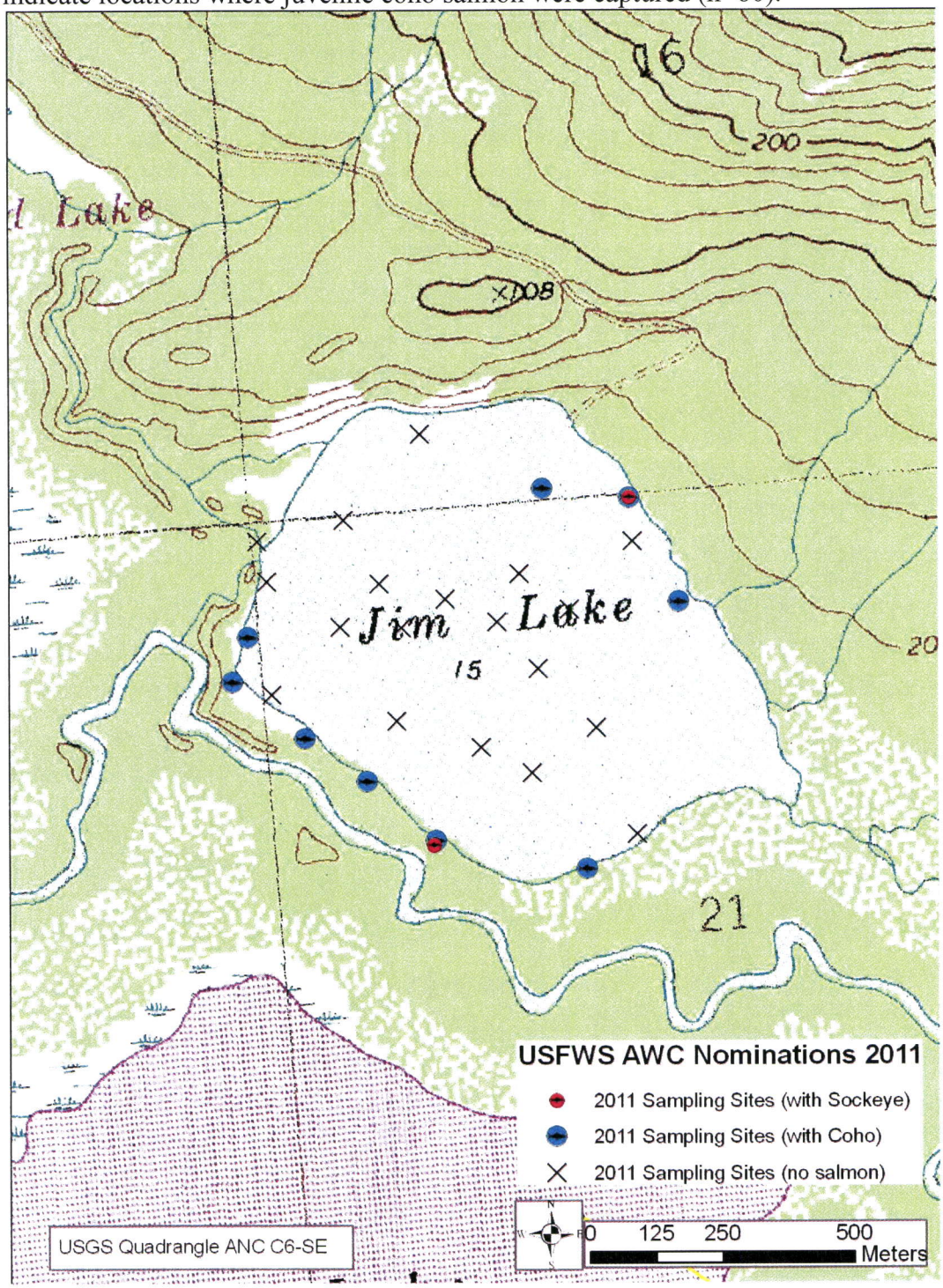

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Figure 2. Map of USFWS minnow trap sampling sites in Jim Lake, AK on June 15-16, 22, 28, July 18-20, and Aug 15-17, 2011. Red circles indicate locations where sockeye salmon were captured (n=5) and blue circles indicate locations where juvenile coho salmon were captured (n=80).

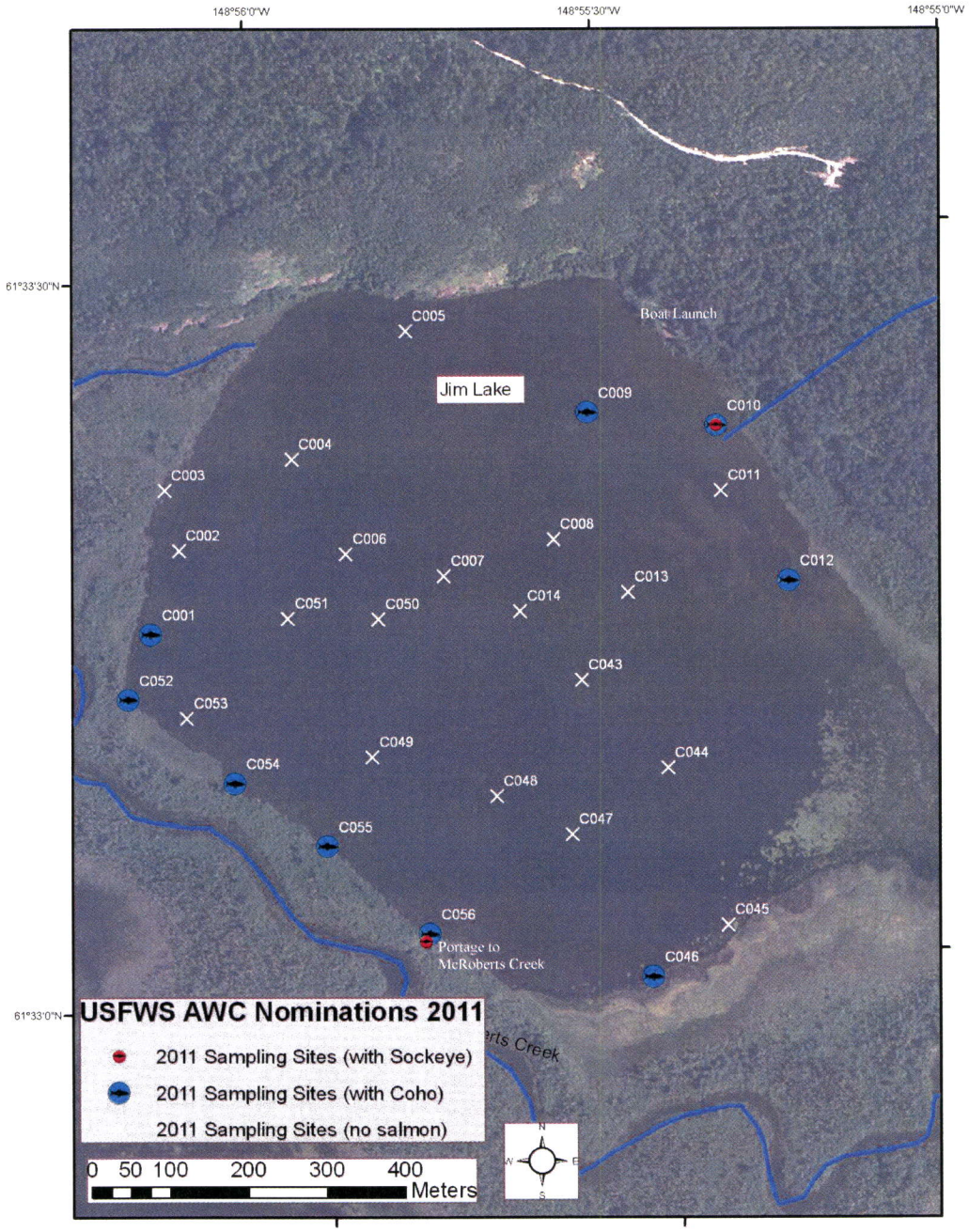

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Figure 3. Photograph of Jim Lake, AK, taken from Jim Lake boat ramp, north of waypoint C009 (Lat:61.55726, Long: -148.92380) on June 17, 2011.

Figure 4. Photograph of Jim Lake, AK, taken from trap C003 (Lat:61.55590, Long: -148.93607) on June 15, 2011.

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Figure 5. Coho salmon captured from Jim Lake, AK, taken from trap number C010 (Lat: 61.55616, Long: -128.92271) on June 29, 2011.

Figure 6. Coho salmon captured from Jim Lake, AK, taken from trap number C046 (Lat: 61.54993, Long: -148.92525) on July 20, 2011.

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Figure 7. Sockeye salmon captured by hand net from Jim Lake, AK, waypoint "Jim Yoy Portag," (Lat: 61.55053 Long: -128.93063) on June 22, 2011.

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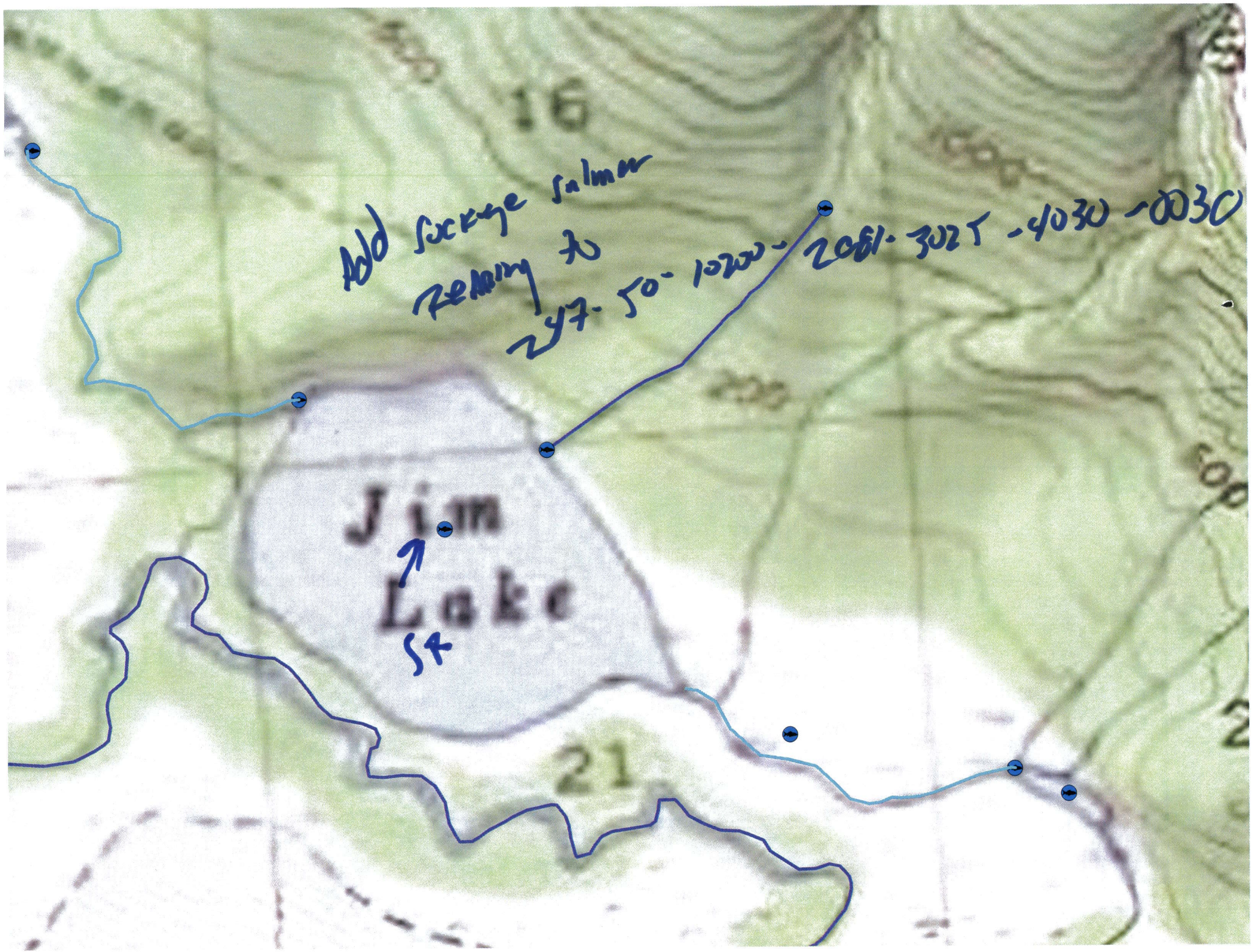
Date	Water_Name	Study_Area	Survey_Event	Quadrant	Trap_Number	GPS_Accuracy_(+/- m)	CO_Length_(mm)	DV_Length_(mm)	SO_Length (mm)	3SSB_Count	9SSB_Count	BF_Count	SC_Count	Fish_Photo No	Habitat_Photo_No	North_Coordinate	West_Coordinate	Water_Depth_(m)	Water_Temp_(°C)	Conductivity_(µS/cm)	Specific_Conductance_(µS/cm)	pH	Water_Color	Air_Temp (C)	DO_(% Sat)	DO_(mg/L)	Capture_Method	MT Start Time	MT End Time	MT Total Time (hours:min)	Volts	Crew_Initials	Habitat	Substrate	Aquatic_Vegetation	Woody Debris	Top_Cover(%)	Mid_Cover(%)	Bottom_Cover(%)	Comments	Salmon Presence
15-Jun-2011	Jim Lake	Jim Lake	1	A	C001	4				0	0	1	0	55-57	32-36	61.55428	-148.93668	0.75	17.0	149.9	177.1	8.74	CLR	NT	NT	NT	MT	1221	955	21:34		JG, GA, LB	Lake	SSC	Submerged	S	0	NT	NT	water color yellow/green, Blackfish pics# P6160060-P6160062	No
15-Jun-2011	Jim Lake	Jim Lake	1	A	C002	3				23	0	0	0	None	None	61.55520	-148.93584	0.79	17.2	147.0	172.9	9.00	CLR	NT	NT	NT	MT	1249	1011	21:22		JG, GA, LB	Lake	SSC	Submerged	N	0	NT	NT	veg suspended from bottom to half way to surface	No
15-Jun-2011	Jim Lake	Jim Lake	1	A	C003	4				1	0	0	0	None	37	61.55590	-148.93607	0.39	17.9	151.6	175.5	8.73	CLR	NT	NT	NT	MT	1302	1020	21:18		JG, GA, LB	Lake	SSC	Woody Debris	L	NT	NT	NT	near old duck blind	No
15-Jun-2011	Jim Lake	Jim Lake	1	A	C004	3				10	0	0	0	None	38	61.55615	-148.93295	1.10	17.5	152.2	175.3	9.16	CLR	NT	NT	NT	MT	1315	1027	21:12		JG, GA, LB	Lake	SSC	Submerged	N	NT	NT	NT	ptly cloudy, wind 3-8 mph	No
15-Jun-2011	Jim Lake	Jim Lake	1	A	C005	3				15	0	0	0	None	None	61.55751	-148.92998	0.81	17.7	157.7	183.2	9.01	CLR	NT	NT	NT	MT	1330	1034	21:04		JG, GA, LB	Lake	SSC	Submerged	N	NT	90	NT		No
15-Jun-2011	Jim Lake	Jim Lake	1	A	C006	3				60	0	0	0	58	39	61.55502	-148.93184	1.30	17.4	153.3	179.5	9.29	CLR	NT	NT	NT	MT	1334	1043	21:09		JG, GA, LB	Lake	SSC	Submerged	N	NT	10	100	spawing SB	No
15-Jun-2011	Jim Lake	Jim Lake	1	A	C007	3				67	0	0	0	None	None	61.55468	-148.92952	1.40	17.4	155.3	181.6	9.27	CLR	NT	NT	NT	MT	1354	1052	20:58		JG, GA, LB	Lake	SSC	Submerged	N	0	35	100		No
15-Jun-2011	Jim Lake	Jim Lake	1	B	C008	3				37	0	0	0	None	None	61.55500	-148.92682	1.15	17.0	154.6	182.5	9.34	CLR	NT	NT	NT	MT	1406	1000	19:54		JG, GA, LB	Lake	SSC	Submerged	N	0	NT	95	water color yellow/green, wind 8-10 mph	No
15-Jun-2011	Jim Lake	Jim Lake	1	B	C009	3				45	0	0	0	None	40	61.55642	-148.92577	0.75	15.6	166.0	202.0	9.26	CLR	NT	NT	NT	MT	1412	1157	21:45		JG, GA, LB	Lake	SSC	Submerged	N	0	10	10		No
15-Jun-2011	Jim Lake	Jim Lake	1	B	C010	3				73	0	0	0	None	41-44	61.55616	-148.92271	0.40	16.3	159.7	191.4	9.22	CLR	NT	NT	NT	MT	1421	1217	21:56		JG, GA, LB	Lake	SSC	Submerged	N	NT	NT	4	alge clumps	No
15-Jun-2011	Jim Lake	Jim Lake	1	B	C011	3				93	0	0	0	None	46-47	61.55541	-148.92271	0.73	16.2	160.1	192.7	9.15	CLR	NT	NT	NT	MT	1440	1226	21:46		JG, GA, LB	Lake	SSC	Floating, Submerged	N	30	30	30	lilly	No
15-Jun-2011	Jim Lake	Jim Lake	1	B	C012	4				NT	NT	NT	NT	None	None	61.55433	-148.92125	0.73	17.1	164.2	193.6	8.77	CLR	NT	NT	NT	MT	1451	1245	21:54		JG, GA, LB	Lake	SSC	Submerged	N	0	0	1	wind 10-15 mph, GA - only non salmonids were possibly caught this day, salmon wou	No
15-Jun-2011	Jim Lake	Jim Lake	1	B	C013	3				66	0	0	0	None	None	61.55434	-148.92514	1.24	17.0	155.4	183.5	9.20	CLR	NT	NT	NT	MT	1505	1249	21:44		JG, GA, LB	Lake	SSC	Submerged	N	NT	NT	60	1 dead 3spine SB	No
15-Jun-2011	Jim Lake	Jim Lake	1	B	C014	4				42	0	0	0	None	48-54	61.55422	-148.92776	1.45	17.3	156.3	183.2	9.26	CLR	NT	NT	NT	MT	1513	1258	21:45		JG, GA, LB	Lake	SSC	Submerged	N	NT	60	60	habitat photo directions N,E,S,W	No
16-Jun-2011	Jim Lake	Jim Lake	2	A	C001	4				30	0	0	0	None	None	61.55428	-148.93668	0.58	17.2	147.4	173.4	8.60	CLR	NT	NT	NT	MT	959	935	23:36		DM, JM, DMB	Lake	SSC	Submerged	L	2	2	50		No
16-Jun-2011	Jim Lake	Jim Lake	2	A	C002	3				15	0	0	0	None	73-76	61.55520	-148.93584	0.80	17.1	139.2	164.0	8.69	CLR	NT	NT	NT	MT	1016	945	23:29		DM, JM, DMB	Lake	SSC	Submerged	N	0	30	15	Dragonfly invert in trap. Habitat pics #P6160064, P6160065.	No
16-Jun-2011	Jim Lake	Jim Lake	2	A	C003	4				29	0	0	0	None	None	61.55590	-148.93607	0.35	17.8	143.9	168.3	8.68	CLR	NT	NT	NT	MT	1020	956	23:36		DM, JM, DMB	Lake	SSC	none	L	0	0	0	10-12 mm salmon fry spotted in area of trap, too small for mesh size	No
16-Jun-2011	Jim Lake	Jim Lake	2	A	C004	3				23	0	0	0	None	None	61.55615	-148.93295	1.15	17.2	151.6	178.1	8.72	CLR	NT	NT	NT	MT	1030	1008	23:38		DM, JM, DMB	Lake	SSC	Submerged	N	0	30	60		No
16-Jun-2011	Jim Lake	Jim Lake	2	A	C005	3				18	0	0	0	85-88	None	61.55751	-148.92998	0.89	17.2	153.8	180.8	8.74	CLR	NT	NT	NT	MT	1038	1016	23:38		DM, JM, DMB	Lake	SSC	Submerged	N	0	75	30	SB pic #P6160063	No
16-Jun-2011	Jim Lake	Jim Lake	2	A	C005	3				0	0	1	0	85-88	None	61.55751	-148.92998	0.89	17.2	153.8	180.8	8.74	CLR	NT	NT	NT	MT	1038	1016	23:38		DM, JM, DMB	Lake	SSC	Submerged	N	0	75	30	Blackfish pics #P6170085-P6170088	No
16-Jun-2011	Jim Lake	Jim Lake	2	A	C006	3				55	0	0	0	None	None	61.55502	-148.93184	1.35	17.0	151.0	178.1	8.78	CLR	NT	NT	NT	MT	1050	1034	23:44		DM, JM, DMB	Lake	SSC	Submerged	N	0	15	100		No
16-Jun-2011	Jim Lake	Jim Lake	2	B	C007	3				46	0	0	0	None	None	61.55468	-148.92952	1.52	16.9	151.1	179.0	8.85	CLR	NT	NT	NT	MT	1055	1038	23:43		DM, JM, DMB	Lake	SSC	Submerged	N	0	50	100		No
16-Jun-2011	Jim Lake	Jim Lake	2	B	C008	3				59	0	0	0	None	None	61.55500	-148.92682	1.12	16.0	149.0	180.3	7.36	CLR	NT	NT	NT	MT	1027	1044	24:17		SAS, GA	Lake	SSC	Submerged	N	0	5	100	1 dead 3spine SB	No
16-Jun-2011	Jim Lake	Jim Lake	2	B	C009	3				109	0	0	0	None	None	61.55642	-148.92577	0.92	15.0	165.7	209.5	7.19	CLR	NT	NT	NT	MT	1210	1050	22:40		DM, JM, GA	Lake	SSC	Floating, Submerged	N	15	20	20		No
16-Jun-2011	Jim Lake	Jim Lake	2	B	C010	3	88			0	0	0	0	91-94	81-82	61.55616	-148.92271	0.32	12.2	159.8	211.7	7.98	CLR	NT	NT	NT	MT	1223	1058	22:35		DM,JM,GA	Lake	SSC	Submerged	N	0	0	5	becoming smolts, Pic# P6170085-P6170088	Yes
16-Jun-2011	Jim Lake	Jim Lake	2	B	C010	3				118	0	0	0	None	81-82	61.55616	-148.92271	0.32	12.2	159.8	211.7	7.98	CLR	NT	NT	NT	MT	1223	1058	22:35		DM,JM,GA	Lake	SSC	Submerged	N	0	0	5		No
16-Jun-2011	Jim Lake	Jim Lake	2	B	C010	3	77			0	0	0	0	91-94	81-82	61.55616	-148.92271	0.32	12.2	159.8	211.7	7.98	CLR	NT	NT	NT	MT	1223	1058	22:35		DM, JM, GA	Lake	SSC	Submerged	N	0	0	5	becoming smolts, Pic# P6170085-P6170088	Yes
16-Jun-2011	Jim Lake	Jim Lake	2	B	C010	3	83			0	0	0	0	91-94	81-82	61.55616	-148.92271	0.32	12.2	159.8	211.7	7.98	CLR	NT	NT	NT	MT	1223	1058	22:35		DM,JM,GA	Lake	SSC	Submerged	N	0	0	5	becoming smolts, Pic# P6170085-P6170088	Yes
16-Jun-2011	Jim Lake	Jim Lake	2	B	C010	3	76			0	0	0	0	91-94	81-82	61.55616	-148.92271	0.32	12.2	159.8	211.7	7.98	CLR	NT	NT	NT	MT	1223	1058	22:35		DM, JM, GA	Lake	SSC	Submerged	N	0	0	5	becoming smolts, Pic# P6170085-P6170088	Yes
16-Jun-2011	Jim Lake	Jim Lake	2	B	C010	3	74			0	0	0	0	91-94	81-82	61.55616	-148.92271	0.32	12.2	159.8	211.7	7.98	CLR	NT	NT	NT	MT	1223	1058	22:35		DM,JM,GA	Lake	SSC	Submerged	N	0	0	5	becoming smolts, Pic# P6170085-P6170088	Yes
16-Jun-2011	Jim Lake	Jim Lake	2	B	C011	3				55	0	0	0	None	None	61.55541	-148.92271	0.80	14.9	156.3	193.8	8.13	CLR	NT	NT	NT	MT	1230	1130	23:00		DM,JM,GA	Lake	SSC	Submerged	N	1	40	40		No
16-Jun-2011	Jim Lake	Jim Lake	2	B	C012	4				31	0	0	0	None	None	61.55433	-148.92125	0.76	15.5	157.0	191.6	8.23	CLR	NT	NT	NT	MT	1245	1136	22:51		DM,JM,GA	Lake	SSC	Submerged	N	1	0	1		No
16-Jun-2011	Jim Lake	Jim Lake	2	B	C013	3				47	0	0	0	None	None	61.55434	-148.92514	1.26	16.2	149.2	179.0	8.44	CLR	NT	NT	NT	MT	1254	1141	22:47		DM,JM,GA	Lake	SSC	Submerged	N	0	0	100		No
16-Jun-2011	Jim Lake	Jim Lake	2	B	C014	4				47	0	0	0	None	None	61.55422	-148.92776	1.46	16.4	149.6	179.0	8.55	CLR	NT	NT	NT	MT	1305	1146	22:41		DM,JM,GA	Lake	SSC	Submerged	N	0	65	90		No
22-Jun-2011	Jim Lake	Jim Lake	random		Jim Yoy Por	NT			NT	0	0	0	0	see notes	None	61.55053	-148.93063	NT	NT	NT	NT	NT	CLR	NT	NT	NT	Hand Net	1729	none	none		GA,JG	Lake	SSC	Submerged	L	NT	NT	NT	Saw sockeye after portage, stalked and scooped with hand net, study, Pic album # P6	Yes
22-Jun-2011	Jim Lake	Jim Lake	random		Jim Yoy Por	NT			NT	0	0	0	0	see notes	None	61.55053	-148.93063	NT	NT	NT	NT	NT	CLR	NT	NT	NT	Hand Net	1729	none	none		GA,JG	Lake	SSC	Submerged	L	NT	NT	NT	Saw sockeye after portage, stalked and scooped with hand net. Pic album # P62203:	Yes
28-Jun-2011	Jim Lake	Jim Lake	3	A	C001	4	74			0	0	0	0	120,121	119	61.55428	-148.93668	0.75	17.5	135.2	157.8	7.30	CLR	NT	NT	NT	MT	947	900	23:13		JG, PL	Lake	SSC	Submerged	S	2	2	50	Chinook pH meter not reading accurately so using Sockeye meter, PL=Parke Loyd, do	Yes
28-Jun-2011	Jim Lake	Jim Lake	3	A	C001	4				1	0	0	0	None	119	61.55428	-148.93668	0.75	17.5	135.2	157.8	7.30	CLR	NT	NT	NT	MT	947	900	23:13		JG, PL	Lake	SSC	Submerged	S	2	2	50	Chinook pH meter not reading accurately so using Sockeye meter, PL=Parke Loyd, do	No
28-Jun-2011	Jim Lake	Jim Lake	3	A	C001	4				0	0	1	0	None	119	61.55428	-148.93668	0.75	17.5	135.2	157.8	7.30	CLR	NT	NT	NT	MT	947	900	23:13		JG, PL	Lake	SSC	Submerged	S	2	2	50	Chinook pH meter not reading accurately so using Sockeye meter, PL=Parke Loyd, do	No
28-Jun-2011	Jim Lake	Jim Lake	3	A	C002	4				6	0	0	0	None	None	61.55520	-148.93584	0.79	17.5	138.6	161.8	8.66	CLR	NT	NT	NT	MT	1007	909	23:02		JG, PL	Lake	SSC	Submerged	N	0	30	15		No
28-Jun-2011	Jim Lake	Jim Lake	3	A	C003	5				6	0	0	0	None	None	61.55590	-148.93607	0.39	17.2	140.2	164.7	8.81	CLR	NT	NT	NT	MT	1016	912	22:56		JG, PL	Lake	SSC	Woody Debris	L	0	0	0		No
28-Jun-2011	Jim Lake	Jim Lake	3	A	C004	3				26	0	0	0	122,123	None	61.55615	-148.93295	1.10	18.1	149.2	171.9	8.94	CLR	NT	NT	NT	MT	1027	918	22:51		JG, PL	Lake	SSC	Submerged	N	0	30	60	salinity 0.1 ppt all day, 1 SB with tumor	No
28-Jun-2011	Jim Lake	Jim Lake	3	A	C005	3				43	0	0	0	None	None	61.55751	-148.92998	0.81	18.3	145.2	166.5	9.12	CLR	NT	NT	NT	MT	1035	927	22:52		JG, PL	Lake	SSC	Submerged	N	0	75	30		No
28-Jun-2011	Jim Lake	Jim Lake	3	A	C006	3				2	0	0	0	None	None	61.55502	-148.93184	1.30	18.2	144.6	166.2	9.16	CLR	NT	NT	NT	MT	1045	936	22:51		JG, PL	Lake	SSC	Submerged	N	0	15	100		No
28-Jun-2011	Jim Lake	Jim Lake	3	B	C007	3				35	0	0	0	None	None	61.55468	-148.92952	1.40	18.0	142.2	164.1	9.26	CLR	NT	NT	NT	MT	1058	940	22:42		JG, PL	Lake	SSC	Submerged	N	0	50	100		No
28-Jun-2011	Jim Lake	Jim Lake	3	B	C008	3				27	0	0	0	None	None	61.55500	-148.92682	1.15	17.8	146.0	169.2	9.25	CLR	NT	NT	NT	MT	1108	948	22:40		JG, PL	Lake	SSC	Submerged	N	0	5	100		No
28-Jun-2011	Jim Lake	Jim Lake	3	B	C009	5				0	1	0	0	None	None	61.55642	-148.92577	0.75	15.9	160.3	193.6	9.33	CLR	NT	NT	NT	MT	1114	956	22:42		JG, PL	Lake	SSC	Submerged	N	15	20	20		No
28-Jun-2011	Jim Lake	Jim Lake	3	B	C010	4	68			0	0	0	0	124	132-134	61.55616	-148.92271	0.40	16.1	169.2	208.0	8.81	CLR	NT	NT	NT	MT	1130	1003	22:33		JG, PL	Lake	SSC	Submerged	N	0	0	5	Coho losing scales due to handling, some resting on bottom after release. Bottom m	Yes
28-Jun-2011	Jim Lake	Jim Lake	3	B	C010	4				7	0	0	0	None	132-134	61.55616	-148.92271	0.40	16.1	169.2	208.0	8.81	CLR	NT	NT	NT	MT	1130	1003	22:33		JG, PL	Lake	SSC	Submerged	N	0	0	5	Coho losing scales due to handling, some resting on bottom after release. Bottom m	No
28-Jun-2011	Jim Lake	Jim Lake	3	B	C010	4	104			0	0	0	0	125	132-134	61.55616	-148.92271	0.40	16.1	169.2	208.0	8.81	CLR	NT	NT	NT	MT	1130	1003	22:33		JG, PL	Lake	SSC	Submerged	N	0	0	5	Coho losing scales due to handling, some resting on bottom after release. Bottom m	Yes
28-Jun-2011	Jim Lake	Jim Lake	3	B	C010	4	109			0	0	0	0	128	132-134	61.55616	-148.92271	0.40	16.1	169.2	208.0	8.81	CLR	NT	NT	NT	MT	1130	1003	22:33		JG, PL	Lake	SSC	Submerged	N	0	0	5	Coho losing scales due to handling, some resting on bottom after release. Bottom m	Yes
28-Jun-2011	Jim Lake	Jim Lake	3	B	C010	4	103			0	0	0	0	129	132-134	61.55616	-148.92271	0.40	16.1	169.2	208.0	8.81	CLR	NT	NT	NT	MT	1130	1003	22:33		JG, PL	Lake	SSC	Submerged	N	0	0	5	Coho losing scales due to handling, some resting on bottom after release. Bottom m	Yes
28-Jun-2011	Jim Lake	Jim Lake	3	B	C010	4	110			0	0	0	0	130	132-134	61.55616	-148.92271	0.40	16.1	169.2	208.0	8.81	CLR	NT	NT	NT	MT	1130	1003	22:33		JG, PL	Lake	SSC	Submerged	N	0	0	5	Coho losing scales due to handling, some resting on bottom after release. Bottom m	Yes
28-Jun-2011	Jim Lake	Jim Lake	3	B	C010	4	92			0	0	0	0	131	132-134	61.55616	-148.92271	0.40	16.1	169.2	208.0	8.81	CLR	NT	NT	NT	MT	1130	1003	22:33		JG, PL	Lake	SSC	Submerged	N	0	0	5	Coho losing scales due to handling, some resting on bottom after release. Bottom m	Yes
28-Jun-2011	Jim Lake	Jim Lake	3	B	C010	4	106			0	0	0	0	None	132-134	61.55616	-148.92271	0.40	16.1	169.2	208.0	8.81	CLR	NT	NT	NT	MT	1130	1003	22:33		JG, PL	Lake	SSC	Submerged	N	0	0	5	Coho losing scales due to handling, some resting on bottom after release. Bottom m	Yes
28-Jun-2011	Jim Lake	Jim Lake	3	B	C010	4	103			0	0	0	0	None	132-134	61.55616	-148.92271	0.40	16.1	169.2	208.0	8.81	CLR	NT	NT	NT	MT	1130	1003	22:33		JG, PL	Lake	SSC	Submerged	N	0	0	5	Coho losing scales due to handling, some resting on bottom after release. Bottom m	Yes
28-Jun-2011	Jim Lake	Jim Lake	3	B	C010	4	88			0	0	0	0	None	132-134	61.55616	-148.92271	0.40	16.1	169.2	208.0	8.81	CLR	NT	NT	NT	MT	1130	1003	22:33		JG, PL	Lake	SSC	Submerged	N	0	0	5	Coho losing scales due to handling, some resting on bottom after release. Bottom m	Yes
28-Jun-2011	Jim Lake	Jim Lake	3	B	C010	4	107			0	0	0	0	None	132-134	61.55616	-148.92271	0.40	16.1	169.2	208.0	8.81	CLR	NT	NT	NT	MT	1130	1003	22:33		JG, PL	Lake	SSC	Submerged	N	0	0	5	Coho losing scales due to handling, some resting on bottom after release. Bottom m	Yes
28-Jun-2011	Jim Lake	Jim Lake	3	B	C010	4	97			0	0	0	0	None	132-134	61.55616	-148.92271	0.40	16.1	169.2	208.0	8.81	CLR	NT	NT	NT	MT	1130	1003	22:33		JG, PL	Lake	SSC	Submerged	N	0	0	5	Coho losing scales due to handling, some resting on bottom after release. Bottom m	Yes
28-Jun-2011	Jim Lake	Jim Lake	3	B	C010	4	95			0	0	0	0	None	132-134	61.55616	-148.92271	0.40	16.1	169.2	208.0	8.81	CLR	NT	NT	NT	MT	1130	1003	22:33		JG, PL	Lake	SSC	Submerged	N	0	0	5	Coho losing scales due to handling, some resting on bottom after release. Bottom m	Yes
28-Jun-2011	Jim Lake	Jim Lake	3	B	C010	4	90			0	0	0	0	None	132-134	61.55616	-148.92271	0.40	16.1	169.2	208.0	8.81	CLR	NT	NT	NT	MT	1130	1003	22:33		JG, PL	Lake	SSC	Submerged	N	0	0	5	Coho losing scales due to handling, some resting on bottom after release. Bottom m	Yes
28-Jun-2011	Jim Lake	Jim Lake	3	B	C010	4	109			0	0	0	0	None	132-134	61.55616	-148.92271	0.40	16.1	169.2	208.0	8.81	CLR	NT	NT	NT	MT	1130	1003	22:33		JG, PL	Lake	SSC	Submerged	N	0	0	5	Coho losing scales due to handling, some resting on bottom after release. Bottom m	Yes
28-Jun-2011	Jim Lake	Jim Lake	3	B	C010	4	95			0	0	0	0	None	132-134	61.55616	-148.92271	0.40	16.1	169.2	208.0	8.81	CLR	NT	NT	NT	MT	1130	1003	22:33		JG, PL	Lake	SSC	Submerged	N	0	0	5	Coho losing scales due to handling, some resting on bottom after release. Bottom m	Yes
28-Jun-2011	Jim Lake	Jim Lake	3	B	C010	4	107			0	0	0	0	None	132-134	61.55616	-148.92271	0.40	16.1	169.2	208.0	8.81	CLR	NT	NT	NT	MT	1130	1003	22:33		JG, PL	Lake	SSC	Submerged	N	0	0	5	Coho losing scales due to handling, some resting on bottom after release. Bottom m	Yes
28-Jun-2011	Jim Lake	Jim Lake	3	B	C010	4	59			0	0	0	0	None	132-134	61.55616	-148.92271	0.40	16.1	169.2	208.0	8.81	CLR	NT	NT	NT	MT	1130	1003	22:33		JG, PL	Lake	SSC	Submerged	N	0	0	5	Coho losing scales due to handling, some resting on bottom after release. Bottom m	Yes
28-Jun-2011	Jim Lake	Jim Lake	3	B	C010	4	122			0	0	0	0	None	132-134	61.55616	-148.92271	0.40	16.1	169.2	208.0	8.81	CLR	NT	NT	NT	MT	1130	1003	22:33		JG, PL	Lake	SSC	Submerged	N	0	0	5	Coho losing scales due to handling, some resting on bottom after release. Bottom m	Yes
28-Jun-2011	Jim Lake	Jim Lake	3	B	C010	4	91			0	0	0	0	None	132-134	61.55616	-148.92271	0.40	16.1	169.2	208.0	8.81	CLR	NT	NT	NT	MT	1130	1003	22:33		JG, PL	Lake	SSC	Submerged	N	0	0	5	Coho losing scales due to handling, some resting on bottom after release. Bottom m	Yes
28-Jun-2011	Jim Lake	Jim Lake	3	B	C010	4	97			0	0	0	0	None	132-134	61.55616	-148.92271	0.40	16.1	169.2	208.0	8.81	CLR	NT	NT	NT	MT	1130	1003	22:33		JG, PL	Lake	SSC	Submerged	N	0	0	5	Coho losing scales due to handling, some resting on bottom after release. Bottom m	Yes
28-Jun-2011	Jim Lake	Jim Lake	3	B	C010	4	84			0	0	0	0	None	132-134	61.55616	-148.92271	0.40	16.1	169.2	208.0	8.81	CLR	NT	NT	NT	MT	1130	1003	22:33		JG, PL	Lake	SSC	Submerged	N	0	0	5	Coho losing scales due to handling, some resting on bottom after release. Bottom m	Yes
28-Jun-2011	Jim Lake	Jim Lake	3	B	C011	3				3	0	0	0	None	None	61.55541	-148.92271	0.73	16.9	167.0	198.6	INAC	CLR	NT	NT	NT	MT	1140	1037	22:57		JG, PL	Lake	SSC	Floating, Submerged	N	1	40	40		No
28-Jun-2011	Jim Lake	Jim Lake	3	B	C012	5				2	0	0	0	None	None	61.55433	-148.92125	0.73	17.4	154.0	179.7	INAC	CLR	NT	NT	NT	MT	1151	1043	22:52		JG, PL	Lake	SSC	Submerged	N	1	0	1		No
28-Jun-2011	Jim Lake	Jim Lake	3	B	C013	4				4	0	0	0	None	None	61.55434	-148.92514	1.24	18.1	141.7	163.2	INAC	CLR	NT	NT	NT	MT	1200	1049	22:49		JG, PL	Lake	SSC	Submerged	N	0	0	100	noticed pH bulb broken which explains inaccurate readings	No
28-Jun-2011	Jim Lake	Jim Lake	3	B	C014	4				16	0	0	0	None	None	61.55422	-148.92776	1.45	18.2	141.0	162.0	INAC	CLR	NT	NT	NT	MT	1211	1054	22:43		JG, PL	Lake	SSC	Submerged	N	0	65	90		No
28-Jun-2011	Jim Lake	Jim Lake	1	C	C043	4.8				1	0	0	0	None	100	61.55344	-148.92645	1.36	18.4	142.0	162.1	INAC	CLR	NT	NT	NT	MT	1236	1120	22:44		JG, PL	Lake	SSC	Submerged	N	5	70	100	bad pic	No
28-Jun-2011	Jim Lake	Jim Lake	1	C	C044	3				0	0	0	0	None	101	61.55235	-148.92455	1.33	18.3	151.7	173.5	INAC	CLR	NT	NT	NT	MT	1250	1138	22:48		JG, PL	Lake	SSC	Submerged	N	5	50	100		No
28-Jun-2011	Jim Lake	Jim Lake	1	C	C045	2.9				0	0	0	0	None	102, 103	61.55052	-148.92331	0.75	18.0	178.9	206.2	INAC	CLR	NT	NT	NT	MT	1302	1144	22:42		JG, PL	Lake	SSC	Floating, Submerged	N	25	5	0		No
28-Jun-2011	Jim Lake	Jim Lake	1	C	C046	3.9				0	0	0	0	None	104	61.54992	-148.92520	0.42	18.1	172.3	198.6	INAC	CLR	NT	NT	NT	MT	1312	1150	22:38		JG, PL	Lake	ORG	Emergent	L	15	15	15	1 pregnant sb	No
28-Jun-2011	Jim Lake	Jim Lake	1	C	C047	3.4				7	0	0	0	None	105, 106	61.55159	-148.92688	1.35	18.2	161.5	185.2	INAC	CLR	NT	NT	NT	MT	1321	1156	22:35		JG, PL	Lake	SSC	Submerged	N	5	50	100		No
28-Jun-2011	Jim Lake	Jim Lake	1	C	C048	4.6				3	0	0	0	135, 136	107, 108	61.55213	-148.92868	1.43	18.2	157.2	180.6	INAC	CLR	NT	NT	NT	MT	1328	1142	12:14		JG,PL	Lake	SSC	Submerged	N	0	0	100		No
28-Jun-2011	Jim Lake	Jim Lake	1	D	C049	4				40	0	0	0	137-139	109	61.55271	-148.93161	1.34	18.1	143.2	164.5	INAC	CLR	NT	NT	NT	MT	1338	1148	22:10		JG,PL	Lake	SSC	Submerged	N	0	0	80	One fish missing spines, one has a tumor.	No
28-Jun-2011	Jim Lake	Jim Lake	1	D	C050	4.1				14	0	0	0	None	110,111	61.55416	-148.93117	1.38	18.3	141.4	162.4	INAC	CLR	NT	NT	NT	MT	1344	1156	22:12		JG,PL	Lake	SSC	Submerged	N	0	0	75		No
28-Jun-2011	Jim Lake	Jim Lake	1	D	C051	3.6				45	0	0	0	None	None	61.55431	-148.93333	1.29	18.2	137.0	157.5	INAC	CLR	NT	NT	NT	MT	1351	1200	22:09		JG,PL	Lake	SSC	Submerged	N	0	15	80	1 mortality	No
28-Jun-2011	Jim Lake	Jim Lake	1	D	C052	4				14	0	0	0	None	112,113	61.55357	-148.93730	0.46	18.1	144.1	165.9	INAC	CLR	NT	NT	NT	MT	1358	1206	22:08		JG,PL	Lake	ORG	Woody Debris	L	0	0	3	One with tumor or parasite (white bump)	No
28-Jun-2011	Jim Lake	Jim Lake	1	D	C053	4.3				1	0	0	0	None	114,115	61.55332	-148.93600	0.91	18.1	142.4	164.0	INAC	CLR	NT	NT	NT	MT	1405	1210	22:05		JG,PL	Lake	SSC	Submerged	S	0	3	95		No
28-Jun-2011	Jim Lake	Jim Lake	1	D	C054	5	115			0	0	0	0	None	144	61.55250	-148.93494	0.60	18.2	147.2	169.1	INAC	CLR	NT	NT	NT	MT	1413	1213	22:00		JG,PL	Lake	SSC	Emergent, Floating, Subme	L	25	10	30		No
28-Jun-2011	Jim Lake	Jim Lake	1	D	C054	5				1	0	0	0	None	144	61.55250	-148.93494	0.60	18.2	147.2	169.1	INAC	CLR	NT	NT	NT	MT	1413	1213	22:00		JG,PL	Lake	SSC	Emergent, Floating, Subme	L	25	10	30		No
28-Jun-2011	Jim Lake	Jim Lake	1	D	C054	5	104			0	0	0	0	142	144	61.55250	-148.93494	0.60	18.2	147.2	169.1	INAC	CLR	NT	NT	NT	MT	1413	1213	22:00		JG,PL	Lake	SSC	Emergent, Floating, Subme	L	25	10	30		Yes
28-Jun-2011	Jim Lake	Jim Lake	1	D	C054	5	108			0	0	0	0	None	144	61.55250	-148.93494	0.60	18.2	147.2	169.1	INAC	CLR	NT	NT	NT	MT	1413	1213	22:00		JG,PL	Lake	SSC	Emergent, Floating, Subme	L	25	10	30		Yes
28-Jun-2011	Jim Lake	Jim Lake	1	D	C054	5	99			0	0	0	0	143	144	61.55250	-148.93494	0.60	18.2	147.2	169.1	INAC	CLR	NT	NT	NT	MT	1413	1213	22:00		JG,PL	Lake	SSC	Emergent, Floating, Subme	L	25	10	30		Yes
28-Jun-2011	Jim Lake	Jim Lake	1	D	C054	5	100			0	0	0	0	143	144	61.55250	-148.93494	0.60	18.2	147.2	169.1	INAC	CLR	NT	NT	NT	MT	1413	1213	22:00		JG,PL	Lake	SSC	Emergent, Floating, Subme	L	25	10	30		Yes
28-Jun-2011	Jim Lake	Jim Lake	1	D	C055	5	99			0	0	0	0	146	None	61.55170	-148.93283	0.50	18.0	153.8	177.5	INAC	CLR	NT	NT	NT	MT	1425	1226	22:01		JG,PL	Lake	ORG, SSC	Floating, Submerged, Woo	L	15	5	25		Yes
28-Jun-2011	Jim Lake	Jim Lake	1	D	C055	5				0	0	1	0	None	None	61.55170	-148.93283	0.50	18.0	153.8	177.5	INAC	CLR	NT	NT	NT	MT	1425	1226	22:01		JG,PL	Lake	ORG, SSC	Floating, Submerged, Woo	L	15	5	25		No
28-Jun-2011	Jim Lake	Jim Lake	1	D	C055	5	102			0	0	0	0	None	None	61.55170	-148.93283	0.50	18.0	153.8	177.5	INAC	CLR	NT	NT	NT	MT	1425	1226	22:01		JG,PL	Lake	ORG, SSC	Floating, Submerged, Woo	L	15	5	25		Yes
28-Jun-2011	Jim Lake	Jim Lake	1	D	C055	5	113			0	0	0	0	None	None	61.55170	-148.93283	0.50	18.0	153.8	177.5	INAC	CLR	NT	NT	NT	MT	1425	1226	22:01		JG,PL	Lake	ORG, SSC	Floating, Submerged, Woo	L	15	5	25		Yes
28-Jun-2011	Jim Lake	Jim Lake	1	D	C055	5	82			0	0	0	0	147	None	61.55170	-148.93283	0.50	18.0	153.8	177.5	INAC	CLR	NT	NT	NT	MT	1425	1226	22:01		JG,PL	Lake	ORG, SSC	Floating, Submerged, Woo	L	15	5	25		Yes
28-Jun-2011	Jim Lake	Jim Lake	1	D	C055	5	93			0	0	0	0	148,149	None	61.55170	-148.93283	0.50	18.0	153.8	177.5	INAC	CLR	NT	NT	NT	MT	1425	1226	22:01		JG,PL	Lake	ORG, SSC	Floating, Submerged, Woo	L	15	5	25		Yes
28-Jun-2011	Jim Lake	Jim Lake	1	D	C055	5	100			0	0	0	0	150	None	61.55170	-148.93283	0.50	18.0	153.8	177.5	INAC	CLR	NT	NT	NT	MT	1425	1226	22:01		JG,PL	Lake	ORG, SSC	Floating, Submerged, Woo	L	15	5	25		Yes
28-Jun-2011	Jim Lake	Jim Lake	1	D	C056	3	113			0	0	0	0	None	None	61.55061	-148.93053	0.36	18.2	155.5	176.6	INAC	CLR	NT	NT	NT	MT	1437	1240	22:03		JG,PL	Lake	ORG, SSC	Emergent, Floating	S	40	10	5	Coho looks rough	Yes
28-Jun-2011	Jim Lake	Jim Lake	1	D	C056	3				1	0	0	0	None	None	61.55061	-148.93053	0.36	18.2	155.5	176.6	INAC	CLR	NT	NT	NT	MT	1437	1240	22:03		JG,PL	Lake	ORG, SSC	Emergent, Floating	S	40	10	5		No
28-Jun-2011	Jim Lake	Jim Lake	1	D	C056	3				0	0	2	0	None	None	61.55061	-148.93053	0.36	18.2	155.5	176.6	INAC	CLR	NT	NT	NT	MT	1437	1240	22:03		JG,PL	Lake	ORG, SSC	Emergent, Floating	S	40	10	5		No
18-Jul-2011	Jim Lake	Jim Lake	1	C	C043	4				4	0	0	0	None	None	61.55338	-148.92641	1.41	18.0	140.9	162.8	INAC	CLR	14	110.5	10.15	MT	11:18	11:50	24:32		JG,BK	Lake	SSC	Floating, Submerged	N	5	20	100	98% clouds, windy, light rain. PH reading low even though calibrated this morning.	No
19-Jul-2011	Jim Lake	Jim Lake	2	C	C043	4				14	0	0	0	None	None	61.55338	-148.92641	1.41	17.2	136.8	160.7	9.12	NT	10	103.9	9.93	MT	11:52	10:36	22:44		JG,BK	Lake	SSC	Floating, Submerged	N	5	20	100		No
20-Jul-2011	Jim Lake	Jim Lake	3	C	C043	4				0	0	1	0	None	None	61.55338	-148.92641	1.41	17.8	137.8	160.1	8.84	NT	16	112.1	NT	MT	10:37	9:14	23:37		JG,BK	Lake	SSC	Floating, Submerged	N	5	20	100		No
18-Jul-2011	Jim Lake	Jim Lake	1	C	C044	3				2	0	0	0	None	None	61.55230	-148.92451	1.33	18.1	146.8	169.5	INAC	CLR	14	104.5	9.20	MT	11:32	12:03	24:31		JG,BK	Lake	SSC	Floating, Submerged	N	5	20	100	warm, sunny day	No
19-Jul-2011	Jim Lake	Jim Lake	2	C	C044	3				2	0	0	0	None	None	61.55230	-148.92451	1.33	17.4	141.7	165.9	8.75	NT	10	101.2	9.55	MT	12:05	10:41	22:36		JG,BK	Lake	SSC	Floating, Submerged	N	5	20	100		No
20-Jul-2011	Jim Lake	Jim Lake	3	C	C044	3				0	0	0	0	None	None	61.55230	-148.92451	1.33	17.9	142.4	164.8	8.61	NT	16	107.5	10.13	MT	10:42	9:20	22:38		JG,BK	Lake	SSC	Floating, Submerged	N	5	20	100		No
18-Jul-2011	Jim Lake	Jim Lake	1	C	C045	3				0	0	0	0	None	None	61.55045	-148.92336	0.71	17.6	187.8	218.8	INAC	CLR	14	96.5	9.23	MT	11:42	12:14	23:32		JG,BK	Lake	SSC	Floating	N	35	1	0		No
19-Jul-2011	Jim Lake	Jim Lake	2	C	C045	3				0	0	0	0	None	None	61.55045	-148.92336	0.71	16.9	174.1	206.0	7.98	NT	10	92.3	9.03	MT	12:16	10:53	22:37		JG,BK	Lake	SSC	Floating	N	35	1	0		No
20-Jul-2011	Jim Lake	Jim Lake	3	C	C045	3				0	0	1	0	281,282	None	61.55045	-148.92336	0.71	17.8	173.8	201.1	7.98	NT	16	102.6	9.73	MT	10:55	9:25	22:30		JG,BK	Lake	SSC	Floating	N	35	1	0		No
18-Jul-2011	Jim Lake	Jim Lake	1	C	C046	3				0	0	0	0	None	None	61.54993	-148.92525	0.55	17.5	171.1	199.8	INAC	CLR	15	95.6	9.10	MT	11:52	12:20	24:28		JG,BK	Lake	SSC	Emergent, Submerged	N	20	20	5	Blackfish stuck in trap entrance.	No
19-Jul-2011	Jim Lake	Jim Lake	2	C	C046	3				0	0	3	0	None	None	61.54993	-148.92525	0.55	16.8	164.4	195.0	7.46	CLR	10	88.5	8.68	MT	12:23	10:57	22:34		JG,BK	Lake	SSC	Emergent, Submerged	N	20	20	5		No
19-Jul-2011	Jim Lake	Jim Lake	2	C	C046	3	85			0	0	0	0	276	None	61.54993	-148.92525	0.55	16.8	164.4	195.0	7.46	CLR	10	88.5	8.68	MT	12:23	10:57	22:34		JG,BK	Lake	SSC	Emergent, Submerged	N	20	20	5		Yes
19-Jul-2011	Jim Lake	Jim Lake	2	C	C046	3	108			0	0	0	0	277	None	61.54993	-148.92525	0.55	16.8	164.4	195.0	7.46	CLR	10	88.5	8.68	MT	12:23	10:57	22:34		JG,BK	Lake	SSC	Emergent, Submerged	N	20	20	5		Yes
19-Jul-2011	Jim Lake	Jim Lake	2	C	C046	3	93			0	0	0	0	278	None	61.54993	-148.92525	0.55	17.9	165.8	191.7	7.99	[illegible]	[illegible]	100.9	9.60	MT	11:00	9:31	22:31		JG,BK	Lake	SSC	Emergent, Submerged	N	20	20	5		Yes
20-Jul-2011	Jim Lake	Jim Lake	3	C	C046	3				1	0	0	0	None	None	61.54993	-148.92525	0.55	17.9	165.8	191.7	7.99	[illegible]	16	100.9	9.60	MT	11:00	9:31	22:31		JG,BK	Lake	SSC	Emergent, Submerged	N	20	20	5		No
18-Jul-2011	Jim Lake	Jim Lake	1	C	C047	3				0	0	0	0	None	None	61.55162	-148.92693	1.36	[illegible]	[illegible]	[illegible]	INAC	[illegible]	[illegible]	108.3	10.23	MT	12:08	12:29	24:21		JG,BK	Lake	SSC	Submerged	N	10	15	100		No
19-Jul-2011	Jim Lake	Jim Lake	2	C	C047	3				0	0	0	0	None	None	61.55162	-148.92693	1.36	[illegible]	[illegible]	[illegible]	8.76	[illegible]	[illegible]	102.5	9.70	MT	12:32	11:09	22:37		JG,BK	Lake	SSC	Submerged	N	10	15	100		No
20-Jul-2011	Jim Lake	Jim Lake	3	C	C047	3				3	0	0	0	None	None	61.55162	-148.92693	1.36	[illegible]	[illegible]	[illegible]	8.36	[illegible]	[illegible]	107.5	10.10	MT	11:11	9:36	22:25		JG,BK	Lake	SSC	Submerged	N	10	15	100		No
18-Jul-2011	Jim Lake	Jim Lake	1	C	C048	3				0	0	1	0	None	None	61.55212	-148.92867	1.42	[illegible]	[illegible]	[illegible]	INAC	[illegible]	[illegible]	108.8	10.22	MT	12:17	12:37	24:20		JG,BK	Lake	SSC	Submerged	N	0	0	100		No
19-Jul-2011	Jim Lake	Jim Lake	2	C	C048	3				0	0	0	0	None	None	61.55212	-148.92867	1.42	[illegible]	[illegible]	[illegible]	8.8	[illegible]	[illegible]	96.0	9.29	MT	12:40	11:15	22:23		JG,BK	Lake	SSC	Submerged	N	0	0	100		No
20-Jul-2011	Jim Lake	Jim Lake	3	C	C048	3				0	0	0	0	None	None	61.55212	-148.92867	1.42	[illegible]	[illegible]	[illegible]	8.3	[illegible]	[illegible]	102.6	9.81	MT	11:17	9:40	22:35		JG,BK	Lake	SSC	Submerged	N	0	0	100		No
18-Jul-2011	Jim Lake	Jim Lake	1	D	C049	4				6	0	0	0	None	None	61.55268	-148.93159	1.32	[illegible]	[illegible]	[illegible]	INAC	[illegible]	[illegible]	106.2	10.00	MT	12:32	13:55	25:23		JG,BK	Lake	SSC	Submerged	N	0	20	100		No
19-Jul-2011	Jim Lake	Jim Lake	2	D	C049	4				0	0	0	0	None	None	61.55268	-148.93159	1.32	[illegible]	[illegible]	[illegible]	8.14	[illegible]	[illegible]	98.0	9.25	MT	13:58	11:23	21:25		JG,BK	Lake	SSC	Submerged	N	0	20	100	wind died down, no rain	No
20-Jul-2011	Jim Lake	Jim Lake	3	D	C049	4				1	0	0	0	None	None	61.55268	-148.93159	1.32	[illegible]	[illegible]	[illegible]	8.62	[illegible]	[illegible]	102.8	9.75	MT	11:26	9:44	22:18		JG,BK	Lake	SSC	Submerged	N	0	20	100		No
18-Jul-2011	Jim Lake	Jim Lake	1	D	C050	3				0	0	0	0	None	None	61.55425	-148.93118	1.36	[illegible]	[illegible]	[illegible]	INAC	[illegible]	[illegible]	112.0	10.54	MT	12:40	14:44	26:04		JG,BK	Lake	SSC	Submerged	N	0	10	100		No
19-Jul-2011	Jim Lake	Jim Lake	2	D	C050	3				2	0	0	0	None	None	61.55425	-148.93118	1.36	[illegible]	[illegible]	[illegible]	8.85	[illegible]	[illegible]	104.3	9.90	MT	14:47	11:29	20:42		JG,BK	Lake	SSC	Submerged	N	0	10	100		No
20-Jul-2011	Jim Lake	Jim Lake	3	D	C050	3				0	0	0	0	None	None	61.55425	-148.93118	1.36	[illegible]	[illegible]	[illegible]	8.36	[illegible]	[illegible]	106.5	10.55	MT	11:31	9:49	22:18		JG,BK	Lake	SSC	Submerged	N	0	10	100		No
18-Jul-2011	Jim Lake	Jim Lake	1	D	C051	4				0	0	0	0	None	None	61.55434	-148.93335	1.29	[illegible]	[illegible]	[illegible]	INAC	[illegible]	[illegible]	112.0	10.00	MT	12:47	14:08	25:21		JG,BK	Lake	SSC	Submerged	N	0	5	100		No
19-Jul-2011	Jim Lake	Jim Lake	2	D	C051	4				0	0	0	0	None	None	61.55434	-148.93335	1.29	[illegible]	[illegible]	[illegible]	8.93	[illegible]	[illegible]	104.3	9.95	MT	14:12	11:36	21:24		JG,BK	Lake	SSC	Submerged	N	0	5	100		No
20-Jul-2011	Jim Lake	Jim Lake	3	D	C051	4				4	0	0	0	None	None	61.55434	-148.93335	1.29	[illegible]	[illegible]	[illegible]	8.43	[illegible]	[illegible]	112.8	10.55	MT	11:37	9:52	22:15		JG,BK	Lake	SSC	Submerged	N	0	5	100		No
18-Jul-2011	Jim Lake	Jim Lake	1	D	C052	6				3	0	0	0	None	None	61.55355	-148.93735	0.45	[illegible]	[illegible]	[illegible]	INAC	[illegible]	[illegible]	91.1	8.51	MT	12:57	13:38	24:41		JG,BK	Lake	SSC	Submerged	L	0	0	5		No
19-Jul-2011	Jim Lake	Jim Lake	2	D	C052	6				0	0	1	0	None	None	61.55355	-148.93735	0.45	[illegible]	[illegible]	[illegible]	8.36	[illegible]	[illegible]	87.7	8.20	MT	13:40	11:42	22:02		JG,BK	Lake	SSC	Submerged	L	0	0	5		No
20-Jul-2011	Jim Lake	Jim Lake	3	D	C052	6				0	0	0	0	None	None	61.55355	-148.93735	0.45	[illegible]	[illegible]	[illegible]	8.26	[illegible]	[illegible]	98.1	9.14	MT	11:43	9:57	22:14		JG,BK	Lake	SSC	Submerged	L	0	0	5	Clear, warm day.	No
18-Jul-2011	Jim Lake	Jim Lake	1	D	C053	5				0	0	0	0	None	None	61.55329	-148.93597	1.00	[illegible]	[illegible]	[illegible]	INAC	[illegible]	[illegible]	94.9	8.95	MT	13:06	13:28	24:22		JG,BK	Lake	SSC	Submerged	S	0	30	70	Raining hard	No

Date	Water_Name	Study_Area	Survey_Event	Quadrant	Trap_Number	GPS_Accuracy_(+/- m)	CO_Length_(mm)	DV_Length_(mm)	SO_Length_(mm)	3SSB_Count	9SSB_Count	BF_Count	SC_Count	Fish_Photo_No	Habitat_Photo_No	North_Coordinate	West_Coordinate	Water_Depth_(m)	Water_Temp_(°C)	Conductivity_(µS/cm)	Specific_Conductance_(µS/cm)	pH	Water_Color	Air_Temp_(°C)	DO_(% Sat)	DO_(mg/L)	Capture_Method	MT Start Time	MT End Time	MT Total Time (hours min)	Visits	Crew_Initials	Habitat	Substrate	Aquatic_Vegetation	Woody Debris	Top_Cover(%)	Mid_Cover(%)	Bottom_Cover(%)	Comments	Salmon Presence
19-Jul-2011	Jim Lake	Jim Lake	2	D	C053	5				0	0	0	0	None	None	61.55329	-148.93597	1.00	17.7	139.3	161.8	8.34	CLR	10	92.0	8.67	MT	13:34	11:47	22:13		JG,BK	Lake	SSC	Submerged	S	0	30	70		No
20-Jul-2011	Jim Lake	Jim Lake	3	D	C053	5				1	0	0	0	None	None	61.55329	-148.93597	1.00	18.7	134.4	152.7	8.32	CLR	16	98.5	9.18	MT	11:48	10:00	22:12		JG,BK	Lake	SSC	Submerged	S	0	30	70		No
18-Jul-2011	Jim Lake	Jim Lake	1	D	C054	5				0	0	0	0	None	None	61.55247	-148.93489	0.52	18.1	144.1	166.0	INAC	CLR	14	97.5	9.18	MT	13:15	13:05	23:50		JG,BK	Lake	SSC	Emergent, Floating, Subme	L	40	40	20		No
19-Jul-2011	Jim Lake	Jim Lake	2	D	C054	5				0	0	1	0	None	None	61.55247	-148.93489	0.52	17.3	139.8	164.1	8.22	NT	10	86.6	8.17	MT	13:20	11:51	22:31		JG,BK	Lake	SSC	Emergent, Floating, Subme	L	40	40	20		No
20-Jul-2011	Jim Lake	Jim Lake	3	D	C054	5				1	0	0	0	None	None	61.55247	-148.93489	0.52	18.7	135.4	153.8	8.34	NT	16	96.8	9.06	MT	11:53	10:03	22:10		JG,BK	Lake	SSC	Emergent, Floating, Subme	L	40	40	20		No
18-Jul-2011	Jim Lake	Jim Lake	1	D	C055	4				0	0	0	0	None	None	61.55170	-148.93277	0.52	18.0	146.1	168.7	INAC	CLR	15	87.0	8.44	MT	13:22	12:56	23:34		JG,BK	Lake	SSC	Emergent, Floating	L	20	15	15		No
19-Jul-2011	Jim Lake	Jim Lake	2	D	C055	4				0	0	1	0	None	None	61.55170	-148.93277	0.52	17.3	140.7	165.3	8.26	NT	10	88.7	8.50	MT	13:00	11:56	22:56		JG,BK	Lake	SSC	Emergent, Floating	L	20	15	15		No
20-Jul-2011	Jim Lake	Jim Lake	3	D	C055	4				0	0	0	0	None	None	61.55170	-148.93277	0.52	18.7	135.3	153.5	8.46	NT	16	97.4	9.09	MT	11:58	10:09	22:11		JG,BK	Lake	SSC	Emergent, Floating	L	20	15	15		No
18-Jul-2011	Jim Lake	Jim Lake	1	D	C056	5				2	0	0	0	None	None	61.55056	-148.93044	0.36	18.0	149.0	171.9	INAC	CLR	15	97.1	9.18	MT	13:30	12:45	23:15		JG,BK	Lake	SSC	Emergent, Floating	N	75	75	65		No
18-Jul-2011	Jim Lake	Jim Lake	1	D	C056	5				0	0	1	0	None	None	61.55056	-148.93044	0.36	18.0	149.0	171.9	INAC	CLR	15	97.1	9.18	MT	13:30	12:45	23:15		JG,BK	Lake	SSC	Emergent, Floating	N	75	75	65		No
19-Jul-2011	Jim Lake	Jim Lake	2	D	C056	5				4	0	0	0	None	None	61.55056	-148.93044	0.36	17.1	141.2	166.2	8.3	NT	10	93.3	9.03	MT	12:50	12:02	23:12		JG,BK	Lake	SSC	Emergent, Floating	N	75	75	65		No
19-Jul-2011	Jim Lake	Jim Lake	2	D	C056	5				0	0	1	0	None	None	61.55056	-148.93044	0.36	17.1	141.2	166.2	8.3	NT	10	93.3	9.03	MT	12:50	12:02	23:12		JG,BK	Lake	SSC	Emergent, Floating	N	75	75	65		No
20-Jul-2011	Jim Lake	Jim Lake	3	D	C056	5				0	0	0	0	None	None	61.55056	-148.93044	0.36	18.7	139.2	157.7	8.33	NT	16	98.0	9.10	MT	12:05	10:12	22:07		JG,BK	Lake	SSC	Emergent, Floating	N	75	75	65		No
15-Aug-2011	Jim Lake	Jim Lake	1	C	C043	4				1	0	0	0	None	None	61.55338	-148.92641	1.45	16.5	149.3	178.6	8.63	CLR	14	111.7	10.90	MT	11:09	9:26	22:17		BK,RB	Lake	SSC	NT	NT	NT	NT	NT		No
16-Aug-2011	Jim Lake	Jim Lake	2	C	C043	4				2	0	0	0	None	None	61.55338	-148.92641	1.45	16.0	148.3	INAC	8.9	CLR	13	115.2	11.21	MT	9:28	12:02	26:34		JG,BK	Lake	SSC	NT	NT	NT	NT	NT		No
17-Aug-2011	Jim Lake	Jim Lake	3	C	C043	4				0	0	1	0	None	None	61.55338	-148.92641	1.45	17.0	148.1	174.5	8.95	CLR	14	109.1	10.75	MT	12:04	10:50	22:46		JG,BK	Lake	SSC	NT	NT	NT	NT	NT		No
15-Aug-2011	Jim Lake	Jim Lake	1	C	C044	3				0	0	0	0	None	None	61.55230	-148.92451	1.44	16.1	144.0	173.5	8.65	CLR	12	109.1	10.67	MT	9:46	9:35	23:49		BK,RB	Lake	SSC	NT	NT	NT	NT	NT		No
16-Aug-2011	Jim Lake	Jim Lake	2	C	C044	3				0	0	2	0	None	None	61.55230	-148.92451	1.44	16.5	145.7	174.0	8.63	CLR	13	104.6	10.15	MT	9:37	12:09	26:32		JG,BK	Lake	SSC	NT	NT	NT	NT	NT		No
17-Aug-2011	Jim Lake	Jim Lake	3	C	C044	3				1	0	0	0	None	None	61.55230	-148.92451	1.44	16.9	145.6	172.3	8.79	CLR	14	105.0	10.18	MT	12:11	10:55	22:42		JG,BK	Lake	SSC	NT	NT	NT	NT	NT		No
15-Aug-2011	Jim Lake	Jim Lake	1	C	C045	3				1	0	0	0	None	None	61.55050	-148.92336	0.82	16.3	158.7	181.1	7.82	CLR	12	91.5	8.96	MT	9:55	9:46	23:51		BK,RB	Lake	SSC	NT	NT	NT	NT	NT		No
16-Aug-2011	Jim Lake	Jim Lake	2	C	C045	3				0	0	0	0	None	None	61.55050	-148.92336	0.82	16.5	155.5	185.5	7.66	CLR	13	84.7	8.25	MT	9:49	12:17	26:28		JG,BK	Lake	SSC	NT	NT	NT	NT	NT		No
17-Aug-2011	Jim Lake	Jim Lake	3	C	C045	3				0	0	1	0	None	None	61.55050	-148.92336	0.82	16.9	148.3	175.4	8.04	CLR	14	NT	NT	MT	12:19	11:02	22:43		JG,BK	Lake	SSC	NT	NT	NT	NT	NT		No
15-Aug-2011	Jim Lake	Jim Lake	1	C	C046	3				0	0	1	0	None	None	61.54993	-148.92525	0.70	16.0	158.0	181.1	7.82	CLR	12	92.0	9.05	MT	10:00	9:53	23:53		BK,RB	Lake	SSC	NT	NT	NT	NT	NT		No
16-Aug-2011	Jim Lake	Jim Lake	2	C	C046	3				0	0	0	0	None	None	61.54993	-148.92525	0.70	16.3	147.2	176.3	8.82	CLR	13	92.1	9.08	MT	9:55	12:22	26:27		JG,BK	Lake	SSC	NT	NT	NT	NT	NT		No
17-Aug-2011	Jim Lake	Jim Lake	3	C	C046	3				0	0	0	0	None	None	61.54993	-148.92525	0.70	16.6	145.4	172.8	8.34	CLR	14	95.9	9.27	MT	12:24	11:08	22:44		JG,BK	Lake	SSC	NT	NT	NT	NT	NT		No
15-Aug-2011	Jim Lake	Jim Lake	1	C	C047	3				0	0	1	0	None	None	61.55162	-148.92693	1.46	16.3	151.0	181.2	8.33	CLR	12	101.5	9.94	MT	10:07	10:02	23:55		BK,RB	Lake	SSC	NT	NT	NT	NT	NT		No
16-Aug-2011	Jim Lake	Jim Lake	2	C	C047	3				0	0	1	0	None	None	61.55162	-148.92693	1.46	16.7	149.6	178.3	8.31	CLR	13	101.8	9.86	MT	10:04	12:28	26:24		JG,BK	Lake	SSC	NT	NT	NT	NT	NT		No
17-Aug-2011	Jim Lake	Jim Lake	3	C	C047	3				0	0	0	0	None	None	61.55162	-148.92693	1.46	17.1	145.3	170.7	8.66	CLR	14	105.9	10.24	MT	12:30	11:13	22:43		JG,BK	Lake	SSC	NT	NT	NT	NT	NT		No
15-Aug-2011	Jim Lake	Jim Lake	1	C	C048	3				0	0	0	0	None	None	61.55212	-148.92867	1.54	16.3	151.9	182.3	8.35	CLR	12	101.3	9.93	MT	10:13	10:08	23:55		BK,RB	Lake	SSC	NT	NT	NT	NT	NT		No
16-Aug-2011	Jim Lake	Jim Lake	2	C	C048	3				0	0	0	0	None	None	61.55212	-148.92867	1.54	16.6	152.6	181.8	8.27	CLR	14	99.2	9.62	MT	10:10	12:35	26:25		JG,BK	Lake	SSC	NT	NT	NT	NT	NT		No
17-Aug-2011	Jim Lake	Jim Lake	3	C	C048	3				0	0	0	0	None	None	61.55212	-148.92867	1.54	17.0	147.5	173.7	8.91	CLR	14	104.0	10.09	MT	12:37	11:17	22:40		JG,BK	Lake	SSC	NT	NT	NT	NT	NT		No
15-Aug-2011	Jim Lake	Jim Lake	1	C	C049	4				0	0	0	0	None	None	61.55268	-148.93159	1.45	16.3	153.6	184.1	8.29	CLR	13	100.9	9.89	MT	10:19	10:14	23:55		BK,RB	Lake	SSC	NT	NT	NT	NT	NT		No
16-Aug-2011	Jim Lake	Jim Lake	2	C	C049	4				0	0	1	0	None	None	61.55268	-148.93159	1.45	16.7	154.6	183.8	8.27	CLR	14	98.6	9.51	MT	10:16	12:42	26:26		JG,BK	Lake	SSC	NT	NT	NT	NT	NT		No
17-Aug-2011	Jim Lake	Jim Lake	3	C	C049	4				0	0	0	0	None	None	61.55268	-148.93159	1.45	17.0	150.4	176.8	8.86	CLR	14	104.6	10.11	MT	12:44	11:20	22:36		JG,BK	Lake	SSC	NT	NT	NT	NT	NT		No
15-Aug-2011	Jim Lake	Jim Lake	1	D	C050	3				0	0	0	0	None	None	61.55425	-148.93118	1.50	16.4	153.4	183.5	8.43	CLR	13	103.0	10.12	MT	10:25	10:21	23:56		BK,RB	Lake	SSC	NT	NT	NT	NT	NT		No
16-Aug-2011	Jim Lake	Jim Lake	2	D	C050	3				2	0	0	0	None	None	61.55425	-148.93118	1.50	16.7	151.7	188.2	8.48	CLR	15	104.9	10.20	MT	10:23	12:49	26:26		JG,BK	Lake	SSC	NT	NT	NT	NT	NT		No
17-Aug-2011	Jim Lake	Jim Lake	3	D	C050	3				0	0	0	0	None	None	61.55425	-148.93118	1.50	17.2	152.1	178.3	8.86	CLR	14	102.2	9.88	MT	12:51	11:24	22:33		JG,BK	Lake	SSC	NT	NT	NT	NT	NT		No
15-Aug-2011	Jim Lake	Jim Lake	1	D	C051	4				1	0	0	0	None	None	61.55434	-148.93335	1.45	16.4	152.8	182.9	8.45	CLR	13	107.1	10.43	MT	10:31	10:26	23:55		BK,RB	Lake	SSC	NT	NT	NT	NT	NT		No
16-Aug-2011	Jim Lake	Jim Lake	2	D	C051	4				0	0	0	0	None	None	61.55434	-148.93335	1.45	16.8	153.2	182.2	8.46	CLR	15	105.0	10.21	MT	10:28	12:54	26:26		JG,BK	Lake	SSC	NT	NT	NT	NT	NT		No
17-Aug-2011	Jim Lake	Jim Lake	3	D	C051	4				2	0	0	0	None	None	61.55434	-148.93335	1.45	17.2	151.7	177.9	8.87	CLR	14	104.4	10.08	MT	12:56	11:28	22:32		JG,BK	Lake	SSC	NT	NT	NT	NT	NT		No
15-Aug-2011	Jim Lake	Jim Lake	1	D	C052	6				2	0	0	0	None	None	61.55355	-148.93735	0.59	16.3	159.6	191.5	7.85	CLR	13	84.8	8.31	MT	10:38	10:35	23:57		BK,RB	Lake	SSC	NT	NT	NT	NT	NT		No
16-Aug-2011	Jim Lake	Jim Lake	2	D	C052	6	103			0	0	0	0	None	None	61.55355	-148.93735	0.59	16.8	159.8	189.8	8.81	CLR	15	88.5	8.58	MT	10:37	13:00	26:23		JG,BK	Lake	SSC	NT	NT	NT	NT	NT		Yes
17-Aug-2011	Jim Lake	Jim Lake	3	D	C052	6				0	0	0	0	None	None	61.55355	-148.93735	0.59	17.0	157.6	185.7	8.18	CLR	14	88.3	8.50	MT	13:02	11:32	22:30		JG,BK	Lake	SSC	NT	NT	NT	NT	NT		No
15-Aug-2011	Jim Lake	Jim Lake	1	D	C053	5				0	0	0	0	None	None	61.55329	-148.93597	0.95	16.4	159.0	189.8	8.83	CLR	14	90.7	8.90	MT	10:42	10:40	23:58		BK,RB	Lake	SSC	NT	NT	NT	NT	NT		No
16-Aug-2011	Jim Lake	Jim Lake	2	D	C053	5				0	0	0	0	None	None	61.55329	-148.93597	0.95	16.9	159.7	189.1	8.1	CLR	15	94.4	9.11	MT	10:41	13:06	26:25		JG,BK	Lake	SSC	NT	NT	NT	NT	NT		No
17-Aug-2011	Jim Lake	Jim Lake	3	D	C053	5				0	0	0	0	None	None	61.55329	-148.93597	0.95	17.0	155.0	182.5	8.57	CLR	14	96.0	9.30	MT	13:08	11:36	22:28		JG,BK	Lake	SSC	NT	NT	NT	NT	NT		No
15-Aug-2011	Jim Lake	Jim Lake	1	D	C054	5				2	0	0	0	None	None	61.55247	-148.93489	0.61	16.3	158.2	198.1	7.99	CLR	14	92.8	9.12	MT	10:46	10:44	23:58		BK,RB	Lake	SSC	NT	NT	NT	NT	NT		No
16-Aug-2011	Jim Lake	Jim Lake	2	D	C054	5				0	0	0	0	None	None	61.55247	-148.93489	0.61	16.7	159.6	189.6	8.82	CLR	15	88.9	8.61	MT	10:47	13:11	26:24		JG,BK	Lake	SSC	NT	NT	NT	NT	NT	PH jumping from 7.91 to 8.81	No
17-Aug-2011	Jim Lake	Jim Lake	3	D	C054	5				0	0	0	0	None	None	61.55247	-148.93489	0.61	16.5	154.4	183.9	8.25	CLR	14	88.6	8.65	MT	13:13	11:40	22:27		JG,BK	Lake	SSC	NT	NT	NT	NT	NT		No
15-Aug-2011	Jim Lake	Jim Lake	1	D	C055	4				0	0	0	0	None	None	61.55170	-148.93277	0.57	16.3	158.3	198.1	7.98	CLR	14	92.5	9.05	MT	10:53	10:52	23:59		BK,RB	Lake	SSC	NT	NT	NT	NT	NT		No
16-Aug-2011	Jim Lake	Jim Lake	2	D	C055	4				0	0	0	0	None	None	61.55170	-148.93277	0.57	16.7	157.6	187.7	7.93	CLR	15	92.0	8.99	MT	10:54	13:16	26:22		JG,BK	Lake	SSC	NT	NT	NT	NT	NT		No
17-Aug-2011	Jim Lake	Jim Lake	3	D	C055	4				0	0	0	0	None	None	61.55170	-148.93277	0.57	16.7	151.2	179.3	8.52	CLR	14	94.5	9.22	MT	13:18	11:44	22:26		JG,BK	Lake	SSC	NT	NT	NT	NT	NT		No
15-Aug-2011	Jim Lake	Jim Lake	1	D	C056	5				111	0	0	0	None	None	61.55056	-148.93044	0.39	16.3	156.6	187.8	8.2	CLR	14	94.7	9.26	MT	11:02	10:58	23:56		BK,RB	Lake	SSC	NT	NT	NT	NT	NT		No
15-Aug-2011	Jim Lake	Jim Lake	1	D	C056	5				0	0	1	0	None	None	61.55056	-148.93044	0.39	16.3	156.6	187.8	8.2	CLR	14	94.7	9.26	MT	11:02	10:58	23:56		BK,RB	Lake	SSC	NT	NT	NT	NT	NT		No
16-Aug-2011	Jim Lake	Jim Lake	2	D	C056	5				7	0	0	0	None	None	61.55056	-148.93044	0.39	16.6	156.1	184.5	8.1	CLR	15	91.6	8.95	MT	11:01	13:22	26:21		JG,BK	Lake	SSC	NT	NT	NT	NT	NT		No
17-Aug-2011	Jim Lake	Jim Lake	3	D	C056	5		83		0	0	0	0	None	None	61.55056	-148.93044	0.39	16.7	146.7	174.0	8.54	CLR	14	94.5	9.21	MT	13:24	11:50	22:26		JG,BK	Lake	SSC	NT	NT	NT	NT	NT		No
17-Aug-2011	Jim Lake	Jim Lake	3	D	C056	5				73	0	0	0	None	None	61.55056	-148.93044	0.39	16.7	146.7	174.0	8.54	CLR	14	94.5	9.21	MT	13:24	11:50	22:26		JG,BK	Lake	SSC	NT	NT	NT	NT	NT		No
18-Jul-2011	Jim Lake	Jim Lake	1	A	C001	4				0	0	0	0	None	None	61.55428	-148.93668	0.75	18.1	139.8	161.3	8.70	CLR	14	97.7	NT	MT	1127	1142	24:15		BW, RB	Lake	SSC	Submerged	S	2	2	50		No
19-Jul-2011	Jim Lake	Jim Lake	2	A	C001	4				0	0	0	0	None	None	61.55428	-148.93668	0.75	16.8	133.7	158.7	8.69	CLR	10	95.4	NT	MT	1146	1121	23:35		BW, RB	Lake	SSC	Submerged	S	2	2	50		No
20-Jul-2011	Jim Lake	Jim Lake	3	A	C001	4				0	0	1	0	None	None	61.55428	-148.93668	0.75	18.3	140.4	161.0	8.81	CLR	16	107.0	NT	MT	1124	9:54	22:30		BW, RB	Lake	SSC	Submerged	S	2	2	50		No
18-Jul-2011	Jim Lake	Jim Lake	1	A	C002	3				0	0	0	0	None	None	61.55520	-148.93584	0.75	18.1	133.7	154.0	8.96	CLR	14	103.2	NT	MT	1135	1148	24:13		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT		No
19-Jul-2011	Jim Lake	Jim Lake	2	A	C002	3				0	0	0	0	None	None	61.55520	-148.93584	0.75	16.9	127.4	151.1	8.96	CLR	10	97.8	NT	MT	1150	1126	23:36		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT		No
20-Jul-2011	Jim Lake	Jim Lake	3	A	C002	3				0	0	0	0	None	None	61.55520	-148.93584	0.75	18.4	133.5	152.7	9.06	CLR	16	115.3	NT	MT	1128	9:58	22:30		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT		No
18-Jul-2011	Jim Lake	Jim Lake	1	A	C003	4				0	0	0	0	None	None	61.55590	-148.93607	0.32	18.1	135.4	156.0	8.60	CLR	14	89.5	NT	MT	11:40	11:51	24:11		BW, RB	Lake	SSC	Woody Debris	NT	NT	NT	NT		No
19-Jul-2011	Jim Lake	Jim Lake	2	A	C003	4				0	0	0	0	None	None	61.55590	-148.93607	0.32	17.0	129.6	152.6	8.74	CLR	10	92.7	NT	MT	11:53	11:30	23:37		BW, RB	Lake	SSC	Woody Debris	NT	NT	NT	NT		No
20-Jul-2011	Jim Lake	Jim Lake	3	A	C003	4				0	0	0	0	None	None	61.55590	-148.93607	0.32	18.7	131.4	149.3	9.02	CLR	16	103.4	NT	MT	11:32	10:00	22:28		BW, RB	Lake	SSC	Woody Debris	NT	NT	NT	NT		No
18-Jul-2011	Jim Lake	Jim Lake	1	A	C004	3				1	0	0	0	None	None	61.55613	-148.93297	1.14	18.1	130.3	149.8	9.18	CLR	14	109.0	NT	MT	1146	1155	24:09		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT		No
19-Jul-2011	Jim Lake	Jim Lake	2	A	C004	3				1	0	0	0	None	None	61.55613	-148.93297	1.14	17.5	126.8	148.0	9.12	CLR	10	103.7	NT	MT	1158	1134	23:36		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT		No
20-Jul-2011	Jim Lake	Jim Lake	3	A	C004	3				0	0	0	0	None	None	61.55613	-148.93297	1.14	18.3	128.1	147.0	9.21	CLR	16	112.4	NT	MT	11:36	10:04	22:28		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT		No
18-Jul-2011	Jim Lake	Jim Lake	1	A	C005	3				1	0	0	0	None	None	61.55751	-148.92998	0.84	18.2	137.0	157.0	8.81	CLR	14	100.3	NT	MT	1221	1201	23:40		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT		No
19-Jul-2011	Jim Lake	Jim Lake	2	A	C005	3				1	0	0	0	None	None	61.55751	-148.92998	0.84	17.5	130.5	152.2	9.01	CLR	10	109.7	NT	MT	1203	1140	23:37		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT		No
20-Jul-2011	Jim Lake	Jim Lake	3	A	C005	3				0	0	0	0	None	None	61.55751	-148.92998	0.84	18.6	132.4	150.8	9.12	CLR	16	124.2	NT	MT	1145	10:08	22:23		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT		No
18-Jul-2011	Jim Lake	Jim Lake	1	A	C006	3				0	0	0	0	None	None	61.55502	-148.93184	1.29	18.2	128.8	148.0	9.23	CLR	14	114.5	NT	MT	1153	1208	24:15		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT		No
19-Jul-2011	Jim Lake	Jim Lake	2	A	C006	3				9	0	0	0	None	None	61.55502	-148.93184	1.29	17.4	125.4	146.6	9.15	CLR	10	107.7	NT	MT	1210	1114	23:04		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT		No
20-Jul-2011	Jim Lake	Jim Lake	3	A	C006	3				0	0	0	0	None	None	61.55502	-148.93184	1.29	18.2	128.4	147.4	9.26	CLR	16	120.7	NT	MT	1117	9:50	22:33		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT		No
18-Jul-2011	Jim Lake	Jim Lake	1	A	C007	3				3	0	0	0	None	None	61.55468	-148.92952	1.36	18.3	133.2	152.7	9.14	CLR	14	110.9	NT	MT	1157	1212	24:15		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT		No
19-Jul-2011	Jim Lake	Jim Lake	2	A	C007	3				0	0	0	0	None	None	61.55468	-148.92952	1.36	17.5	131.4	153.5	9.13	CLR	10	107.5	NT	MT	1215	1110	22:55		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT		No
20-Jul-2011	Jim Lake	Jim Lake	3	A	C007	3				1	0	0	0	None	None	61.55468	-148.92952	1.36	18.1	133.5	153.6	9.20	CLR	16	114.9	NT	MT	1112	9:47	22:35		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT		No
18-Jul-2011	Jim Lake	Jim Lake	1	B	C008	3				2	0	0	0	None	None	61.55500	-148.92682	1.14	17.9	137.9	159.2	9.19	CLR	14	120.7	NT	MT	1201	1218	24:17		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT	water color yellow/green	No
19-Jul-2011	Jim Lake	Jim Lake	2	B	C008	3				8	0	0	0	None	None	61.55500	-148.92682	1.14	16.8	136.0	160.8	9.18	CLR	10	114.4	NT	MT	1220	1105	22:45		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT	water color yellow/green	No
20-Jul-2011	Jim Lake	Jim Lake	3	B	C008	3				17	0	0	0	None	None	61.55500	-148.92682	1.14	17.8	137.3	159.2	9.26	CLR	16	128.0	NT	MT	1108	9:41	22:33		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT	water color yellow/green	No
18-Jul-2011	Jim Lake	Jim Lake	1	B	C009	3	109			0	0	0	0	41	None	61.55642	-148.92577	0.94	15.8	151.9	183.9	9.07	CLR	14	137.3	NT	MT	1210	1045	22:35		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT		Yes
19-Jul-2011	Jim Lake	Jim Lake	2	B	C009	3				0	0	0	0	None	None	61.55642	-148.92577	0.94	15.6	141.3	173.1	9.35	CLR	10	141.9	NT	MT	1053	1024	23:31		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT		No
20-Jul-2011	Jim Lake	Jim Lake	3	B	C009	3				3	0	0	0	None	None	61.55642	-148.92577	0.94	16.7	136.9	162.4	9.40	CLR	16	136.2	NT	MT	1025	9:10	22:45		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT		No
20-Jul-2011	Jim Lake	Jim Lake	3	B	C009	3	112			0	0	0	0	None	None	61.55642	-148.92577	0.94	16.7	136.9	162.4	9.40	CLR	16	136.2	NT	MT	1025	9:10	22:45		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT		Yes
18-Jul-2011	Jim Lake	Jim Lake	1	B	C010	3				10	0	0	0	None	None	61.55616	-148.92271	0.44	9.1	155.4	222.7	8.61	CLR	14	132.7	NT	MT	1230	1056	22:26		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT		No
18-Jul-2011	Jim Lake	Jim Lake	1	B	C010	3	103			0	0	0	0	42	None	61.55616	-148.92271	0.44	9.1	155.4	222.7	8.61	CLR	14	132.7	NT	MT	1230	1056	22:26		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT		Yes
18-Jul-2011	Jim Lake	Jim Lake	1	B	C010	3	84			0	0	0	0	43	None	61.55616	-148.92271	0.44	9.1	155.4	222.7	8.61	CLR	14	132.7	NT	MT	1230	1056	22:26		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT		Yes
18-Jul-2011	Jim Lake	Jim Lake	1	B	C010	3	109			0	0	0	0	45	None	61.55616	-148.92271	0.44	9.1	155.4	222.7	8.61	CLR	14	132.7	NT	MT	1230	1056	22:26		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT		Yes
18-Jul-2011	Jim Lake	Jim Lake	1	B	C010	3	99			0	0	0	0	46	None	61.55616	-148.92271	0.44	9.1	155.4	222.7	8.61	CLR	14	132.7	NT	MT	1230	1056	22:26		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT		Yes
18-Jul-2011	Jim Lake	Jim Lake	1	B	C010	3	103			0	0	0	0	47	None	61.55616	-148.92271	0.44	9.1	155.4	222.7	8.61	CLR	14	132.7	NT	MT	1230	1056	22:26		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT		Yes
18-Jul-2011	Jim Lake	Jim Lake	1	B	C010	3	82			0	0	0	0	48	None	61.55616	-148.92271	0.44	9.1	155.4	222.7	8.61	CLR	14	132.7	NT	MT	1230	1056	22:26		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT		Yes
19-Jul-2011	Jim Lake	Jim Lake	2	B	C010	3				3	0	0	0	None	None	61.55616	-148.92271	0.44	10.6	145.3	195.6	9.05	CLR	10	109.0	NT	MT	1110	1030	23:20		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT	Lots of Green Algae in Trap	No
19-Jul-2011	Jim Lake	Jim Lake	2	B	C010	3	114			0	0	0	0	54	None	61.55616	-148.92271	0.44	10.6	145.3	195.6	9.05	CLR	10	109.0	NT	MT	1110	1030	23:20		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT	Lots of Green Algae in Trap	Yes
19-Jul-2011	Jim Lake	Jim Lake	2	B	C010	3	90			0	0	0	0	55	None	61.55616	-148.92271	0.44	10.6	145.3	195.6	9.05	CLR	10	109.0	NT	MT	1110	1030	23:20		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT		Yes
19-Jul-2011	Jim Lake	Jim Lake	2	B	C010	3			72	0	0	0	0	56	None	61.55616	-148.92271	0.44	10.6	145.3	195.6	9.05	CLR	10	109.0	NT	MT	1110	1030	23:20		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT		Yes
19-Jul-2011	Jim Lake	Jim Lake	2	B	C010	3			70	0	0	0	0	57	None	61.55616	-148.92271	0.44	10.6	145.3	195.6	9.05	CLR	10	109.0	NT	MT	1110	1030	23:20		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT		Yes
19-Jul-2011	Jim Lake	Jim Lake	2	B	C010	3			62	0	0	0	0	58	None	61.55616	-148.92271	0.44	10.6	145.3	195.6	9.05	CLR	10	109.0	NT	MT	1110	1030	23:20		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT		Yes
20-Jul-2011	Jim Lake	Jim Lake	3	B	C010	3				97	0	0	0	None	None	61.55616	-148.92271	0.44	11.9	156.6	208.7	7.48	CLR	16	130.9	NT	MT	1040	9:14	22:29		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT	Coho everywhere hopping.	No
20-Jul-2011	Jim Lake	Jim Lake	3	B	C010	3	77			0	0	0	0	None	None	61.55616	-148.92271	0.44	11.9	156.6	208.7	7.48	CLR	16	130.9	NT	MT	1040	9:14	22:29		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT	Coho everywhere hopping.	Yes
20-Jul-2011	Jim Lake	Jim Lake	3	B	C010	3	103			0	0	0	0	None	None	61.55616	-148.92271	0.44	11.9	156.6	208.7	7.48	CLR	16	130.9	NT	MT	1040	9:14	22:29		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT	Coho everywhere hopping.	Yes
20-Jul-2011	Jim Lake	Jim Lake	3	B	C010	3	64			0	0	0	0	None	None	61.55616	-148.92271	0.44	11.9	156.6	208.7	7.48	CLR	16	130.9	NT	MT	1040	9:14	22:29		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT	Coho everywhere hopping.	Yes
18-Jul-2011	Jim Lake	Jim Lake	1	B	C011	3				0	0	0	0	None	None	61.55541	-148.92271	0.73	14.6	144.4	183.2	9.25	CLR	14	142.8	NT	MT	1235	1113	22:38		BW, RB	Lake	SSC	Floating, Submerged	NT	NT	NT	NT	lilly	No
19-Jul-2011	Jim Lake	Jim Lake	2	B	C011	3				0	0	0	0	None	None	61.55541	-148.92271	0.73	13.8	139.1	177.4	9.24	CLR	10	132.6	NT	MT	1115	1045	23:30		BW, RB	Lake	SSC	Floating, Submerged	NT	NT	NT	NT	lilly	No
20-Jul-2011	Jim Lake	Jim Lake	3	B	C011	3				1	0	0	0	None	None	61.55541	-148.92271	0.73	15.0	148.2	184.0	9.38	CLR	16	152.8	NT	MT	1047	9:27	22:40		BW, RB	Lake	SSC	Floating, Submerged	NT	NT	NT	NT	lilly	No
18-Jul-2011	Jim Lake	Jim Lake	1	B	C012	4	120			0	0	0	0	49	None	61.55433	-148.92125	0.80	16.1	145.0	172.7	9.05	CLR	14	128.9	NT	MT	1240	1118	22:38		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT		Yes
18-Jul-2011	Jim Lake	Jim Lake	1	B	C012	4	116			0	0	0	0	50	None	61.55433	-148.92125	0.80	16.1	145.0	172.7	9.05	CLR	14	128.9	NT	MT	1240	1118	22:38		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT		Yes
18-Jul-2011	Jim Lake	Jim Lake	1	B	C012	4	117			0	0	0	0	51	None	61.55433	-148.92125	0.80	16.1	145.0	172.7	9.05	CLR	14	128.9	NT	MT	1240	1118	22:38		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT		Yes
18-Jul-2011	Jim Lake	Jim Lake	1	B	C012	4	112			0	0	0	0	53	None	61.55433	-148.92125	0.80	16.1	145.0	172.7	9.05	CLR	14	128.9	NT	MT	1240	1118	22:38		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT		Yes
18-Jul-2011	Jim Lake	Jim Lake	1	B	C012	4	111			0	0	0	0	52	None	61.55433	-148.92125	0.80	16.1	145.0	172.7	9.05	CLR	14	128.9	NT	MT	1240	1118	22:38		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT		Yes
19-Jul-2011	Jim Lake	Jim Lake	2	B	C012	4				0	0	0	0	None	None	61.55433	-148.92125	0.80	14.5	133.2	166.3	8.93	CLR	10	113.7	NT	MT	1123	1048	23:25		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT		No
20-Jul-2011	Jim Lake	Jim Lake	3	B	C012	4	112			0	0	0	0	None	None	61.55433	-148.92125	0.80	15.2	132.8	166.2	8.73	CLR	16	113.3	NT	MT	1050	9:30	22:40		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT		Yes
20-Jul-2011	Jim Lake	Jim Lake	3	B	C012	4	122			0	0	0	0	None	None	61.55433	-148.92125	0.80	15.2	132.8	166.2	8.73	CLR	16	113.3	NT	MT	1050	9:30	22:40		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT		Yes
20-Jul-2011	Jim Lake	Jim Lake	3	B	C012	4	115			0	0	0	0	None	None	61.55433	-148.92125	0.80	15.2	132.8	166.2	8.73	CLR	16	113.3	NT	MT	1050	9:30	22:40		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT		Yes
20-Jul-2011	Jim Lake	Jim Lake	3	B	C012	4	112			0	0	0	0	None	None	61.55433	-148.92125	0.80	15.2	132.8	166.2	8.73	CLR	16	113.3	NT	MT	1050	9:30	22:40		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT		Yes
20-Jul-2011	Jim Lake	Jim Lake	3	B	C012	4	116			0	0	0	0	None	None	61.55433	-148.92125	0.80	15.2	132.8	166.2	8.73	CLR	16	113.3	NT	MT	1050	9:30	22:40		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT		Yes
18-Jul-2011	Jim Lake	Jim Lake	1	B	C013	3				0	0	0	0	None	None	61.55434	-148.92514	1.24	17.6	138.8	161.7	9.28	CLR	14	130.8	NT	MT	1245	1127	22:42		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT		No
19-Jul-2011	Jim Lake	Jim Lake	2	B	C013	3				0	0	0	0	None	None	61.55434	-148.92514	1.24	16.4	135.6	161.8	9.17	CLR	10	114.8	NT	MT	1130	1055	23:25		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT		No
20-Jul-2011	Jim Lake	Jim Lake	3	B	C013	3				2	0	0	0	None	None	61.55434	-148.92514	1.24	17.5	136.9	160.0	9.31	CLR	16	124.2	NT	MT	1058	9:38	22:40		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT		No
18-Jul-2011	Jim Lake	Jim Lake	1	B	C014	4				4	0	0	0	None	None	61.55422	-148.92776	1.45	18.1	134.9	155.2	9.19	CLR	14	119.0	NT	MT	1250	1132	22:42		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT		No
19-Jul-2011	Jim Lake	Jim Lake	2	B	C014	4				0	0	0	0	None	None	61.55422	-148.92776	1.45	17.2	131.8	154.9	9.16	CLR	10	108.4	NT	MT	1135	1100	23:25		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT		No
20-Jul-2011	Jim Lake	Jim Lake	3	B	C014	4				0	0	0	0	None	None	61.55422	-148.92776	1.45	17.8	133.8	154.6	9.24	CLR	16	115.5	NT	MT	1103	9:44	22:41		BW, RB	Lake	SSC	Submerged	NT	NT	NT	NT	Frog Eggs	No
15-Aug-2011	Jim Lake	Jim Lake	1	A	C001	4				0	0	0	0	None	None	61.55428	-148.93668	0.77	15.9	156.6	189.6	8.55	CLR	14	109.6	10.71	MT	10:52	10:11	23:19		BW, RB	Lake	SSC	Woody Debris	S	0	0	100	Veg Mat on Bottom	No
16-Aug-2011	Jim Lake	Jim Lake	2	A	C001	4				0	0	0	0	None	None	61.55428	-148.93668	0.77	16.2	157.3	189.1	8.52	NT	14	108.4	10.59	MT	10:12	12:38	26:26		BW, RB	Lake	SSC	Woody Debris	S	0	0	100		No
17-Aug-2011	Jim Lake	Jim Lake	3	A	C001	4				0	0	0	0	None	None	61.55428	-148.93668	0.77	17.3	158.3	185.3	8.21	NT	14	103.8	9.80	MT	12:40	12:28	23:48		BW, RB	Lake	SSC	Woody Debris	S	0	0	100	*ChinookYSI meter used for 3rd Survey	No
15-Aug-2011	Jim Lake	Jim Lake	1	A	C002	3				0	0	1	0	None	None	61.55520	-148.93584	NT	16.1	154.3	186.0	8.81	CLR	14	116.7	11.28	MT	11:03	10:25	23:22		BW, RB	Lake	SSC	Submerged, Woody Debris	S	0	5	50		No
16-Aug-2011	Jim Lake	Jim Lake	2	A	C002	3				0	0	0	0	None	None	61.55520	-148.93584	NT	16.5	154.6	184.5	8.77	NT	14	115.7	11.11	MT	10:26	12:42	26:16		BW, RB	Lake	SSC	Submerged, Woody Debris	S	0	5	50		No
17-Aug-2011	Jim Lake	Jim Lake	3	A	C002	3				0	0	0	0	None	None	61.55520	-148.93584	NT	17.3	156.3	189.3	8.40	NT	14	107.9	10.36	MT	12:44	12:30	23:46		BW, RB	Lake	SSC	Submerged, Woody Debris	S	0	5	50		No
15-Aug-2011	Jim Lake	Jim Lake	1	A	C003	4				0	0	0	0	None	None	61.55590	-148.93607	0.31	16.4	157.7	188.7	8.55	CLR	14	107.6	10.52	MT	11:08	10:33	23:25		BW, RB	Lake	SSC	Woody Debris	S	0	0	0		No
16-Aug-2011	Jim Lake	Jim Lake	2	A	C003	4				30	0	0	0	None	None	61.55590	-148.93607	0.31	16.4	161.7	193.0	7.85	NT	14	105.9	9.80	MT	10:35	12:47	26:12		BW, RB	Lake	SSC	Woody Debris	S	0	0	0		No
17-Aug-2011	Jim Lake	Jim Lake	3	A	C003	4				1	0	0	0	None	None	61.55590	-148.93607	0.31	17.1	165.6	195.0	7.62	NT	14	85.1	8.05	MT	12:50	12:32	23:42		BW, RB	Lake	SSC	Woody Debris	S	0	0	0		No
15-Aug-2011	Jim Lake	Jim Lake	1	A	C004	3				1	0	0	0	None	None	61.55613	-148.93297	1.16	16.3	157.5	188.4	8.65	CLR	14	112.0	10.88	MT	11:17	10:40	23:23		BW, RB	Lake	SSC	NT	NT	5	5	45	Musk Grass on Bottom? -Chara	No
16-Aug-2011	Jim Lake	Jim Lake	2	A	C004	3				0	0	0	0	None	None	61.55613	-148.93297	1.16	16.7	156.2	185.7	8.72	NT	14	111.8	10.80	MT	10:42	12:53	26:11		BW, RB	Lake	SSC	NT	NT	5	5	45		No
17-Aug-2011	Jim Lake	Jim Lake	3	A	C004	3				1	0	0	0	None	None	61.55613	-148.93297	1.16	17.5	157.0	180.3	8.47	NT	14	110.3	10.49	MT	12:55	12:35	23:40		BW, RB	Lake	SSC	NT	NT	5	5	45		No
15-Aug-2011	Jim Lake	Jim Lake	1	A	C005	3				0	0	0	0	None	None	61.55751	-148.92998	0.90	16.9	147.4	174.6	9.05	CLR	14	135.5	13.04	MT	11:50	11:05	23:15		BW, RB	Lake	SSC	Submerged	N	1	60	100		No
16-Aug-2011	Jim Lake	Jim Lake	2	A	C005	3				1	0	0	0	None	None	61.55751	-148.92998	0.90	17.1	149.9	176.2	9.05	NT	15	127.4	12.17	MT	11:07	13:13	26:06		BW, RB	Lake	SSC	Submerged	N	1	60	100	A lot of Snails	No

Date	Water_Name	Study_Area	Survey_Event	Quadrant	Trap_Number	GPS_Accuracy_(+/- m)	CO_Length_(mm)	DV_Length_(mm)	SO_Length_(mm)	3SSB_Count	9SSB_Count	BP_Count	SC_Count	Fish_Photo_file	Habitat_Photo_file	North_Coordinates	West_Coordinates	Water_Depth_(cm)	Water_Temp_(°C)	Conductivity_(µS/cm)	Specific_Conductance_(µS/cm)	pH	Water_Color	Air_Temp_(°C)	DO_(% Sat)	DO_(mg/L)	Capture_Method	MT Start Time	MT End Time	MT Total Time (Hours:min)	Volts	Crew_Initials	Habitat	Substrate	Aquatic_Vegetation	Woody Debris	Top_Cover(%)	Mid_Cover(%)	Bottom_Cover(%)	Comments	Salmon Presence
17-Aug-2011	Jim Lake	Jim Lake	3	A	C005	3				1	0	0	0	None	None	61.55751	-148.92998	0.90	18.1	152.0	173.1	8.72	NT	14	120.9	11.28	MT	13:16	12:49	23:33		BW, RB	Lake	SSC	Submersed	N	1	60	100		No
15-Aug-2011	Jim Lake	Jim Lake	1	A	C006	3				1	0	0	0	None	None	61.55502	-148.93184	1.38	16.2	155.8	186.8	8.60	CLR	14	115.5	11.21	MT	11:30	10:44	23:14		BW, RB	Lake	SSC	Submersed	N	NT	NT	100	Richardson Pond Weed, Matt Weed	No
16-Aug-2011	Jim Lake	Jim Lake	2	A	C006	3				0	0	0	0	None	None	61.55502	-148.93184	1.38	16.6	153.1	182.5	8.89	NT	14	118.9	11.38	MT	10:47	12:57	26:10		BW, RB	Lake	SSC	Submersed	N	NT	NT	100		No
17-Aug-2011	Jim Lake	Jim Lake	3	A	C006	3				1	0	0	0	None	None	61.55502	-148.93184	1.38	17.3	150.3	179.7	8.56	NT	14	114.1	10.85	MT	12:59	12:37	23:38		BW, RB	Lake	SSC	Submersed	N	NT	NT	100		No
15-Aug-2011	Jim Lake	Jim Lake	1	A	C007	3				0	0	0	0	None	None	61.55468	-148.92952	1.40	16.3	152.9	183.4	8.98	NT	14	124.5	12.13	MT	11:36	10:50	23:14		BW, RB	Lake	SSC	Submersed	N	0	0	100		No
16-Aug-2011	Jim Lake	Jim Lake	2	A	C007	3				0	0	0	0	None	None	61.55468	-148.92952	1.40	16.4	151.0	180.6	8.96	NT	15	120.5	11.74	MT	10:53	13:00	26:07		BW, RB	Lake	SSC	Submersed	N	0	0	100		No
17-Aug-2011	Jim Lake	Jim Lake	3	A	C007	3				0	0	0	0	None	None	61.55468	-148.92952	1.40	17.4	154.4	188.7	8.55	NT	14	113.3	10.86	MT	13:03	12:40	23:37		BW, RB	Lake	SSC	Submersed	N	0	0	100		No
15-Aug-2011	Jim Lake	Jim Lake	1	B	C008	3				0	0	0	0	None	None	61.55500	-148.92682	1.25	15.9	148.9	179.8	9.21	NT	14	142.9	14.03	MT	11:43	10:57	23:14		BW, RB	Lake	SSC	Submersed	N	NT	NT	100		No
16-Aug-2011	Jim Lake	Jim Lake	2	B	C008	3				0	0	1	0	None	None	61.55500	-148.92682	1.25	16.2	152.6	183.7	9.10	NT	15	134.0	13.12	MT	10:58	13:05	26:07		BW, RB	Lake	SSC	Submersed	N	NT	NT	100		No
17-Aug-2011	Jim Lake	Jim Lake	3	B	C008	3				0	0	0	0	None	None	61.55500	-148.92682	1.25	17.5	154.0	179.6	8.67	NT	14	120.0	11.32	MT	13:07	12:43	23:36		BW, RB	Lake	SSC	Submersed	N	NT	NT	100		No
15-Aug-2011	Jim Lake	Jim Lake	1	B	C009	3				0	1	0	0	None	None	61.55642	-148.92577	0.97	14.4	157.4	197.9	8.87	CLR	12	141.6	14.15	MT	9:41	9:20	23:39		BW, RB	Lake	ORG	Emergent, Submersed	N	75	50	25		No
16-Aug-2011	Jim Lake	Jim Lake	2	B	C009	3				5	0	0	0	None	None	61.55642	-148.92577	0.97	14.9	153.1	190.2	8.58	NT	15	140.5	13.89	MT	9:22	11:54	26:32		BW, RB	Lake	ORG	Emergent, Submersed	N	75	50	25		No
17-Aug-2011	Jim Lake	Jim Lake	3	B	C009	3				1	0	0	0	None	None	61.55642	-148.92577	0.97	16.6	147.3	178.4	9.10	NT	12	145.1	13.78	MT	11:57	12:00	24:03		BW, RB	Lake	ORG	Emergent, Submersed	N	75	50	25		No
13-Aug-2013	Jim Lake	Jim Lake	1	B	C010	3				48	0	0	0	None	None	61.55616	-148.92271	NT	9.5	149.4	211.5	8.64	CLR	12	116.0	12.76	MT	9:56	9:26	23:30		BW, RB	Lake	ORG	Submersed	N	0	0	70	Filamentos Algae on Bottom, Some Mares Tail	No
15-Aug-2011	Jim Lake	Jim Lake	1	B	C010	3	146			0	0	0	0	None	None	61.55616	-148.92271	NT	9.5	149.4	211.5	8.64	CLR	12	116.0	12.76	MT	9:56	9:26	23:30		BW, RB	Lake	ORG	Submersed	N	0	0	70	Filamentos Algae on Bottom, Some Mares Tail	No
15-Aug-2011	Jim Lake	Jim Lake	1	B	C010	3	121			0	0	0	0	None	None	61.55616	-148.92271	NT	9.5	149.4	211.5	8.64	CLR	12	116.0	12.76	MT	9:56	9:26	23:30		BW, RB	Lake	ORG	Submersed	N	0	0	70	Filamentos Algae on Bottom, Some Mares Tail, stuck in entrance, mort.	Yes
15-Aug-2011	Jim Lake	Jim Lake	1	B	C010	3	116			0	0	0	0	None	None	61.55616	-148.92271	NT	9.5	149.4	211.5	8.64	CLR	12	116.0	12.76	MT	9:56	9:26	23:30		BW, RB	Lake	ORG	Submersed	N	0	0	70	Filamentos Algae on Bottom, Some Mares Tail	Yes
15-Aug-2011	Jim Lake	Jim Lake	1	B	C010	3	107			0	0	0	0	None	None	61.55616	-148.92271	NT	9.5	149.4	211.5	8.64	CLR	12	116.0	12.76	MT	9:56	9:26	23:30		BW, RB	Lake	ORG	Submersed	N	0	0	70	Filamentos Algae on Bottom, Some Mares Tail	Yes
15-Aug-2011	Jim Lake	Jim Lake	1	B	C010	3	102			0	0	0	0	None	None	61.55616	-148.92271	NT	9.5	149.4	211.5	8.64	CLR	12	116.0	12.76	MT	9:56	9:26	23:30		BW, RB	Lake	ORG	Submersed	N	0	0	70	Filamentos Algae on Bottom, Some Mares Tail	Yes
15-Aug-2011	Jim Lake	Jim Lake	1	B	C010	3	95			0	0	0	0	None	None	61.55616	-148.92271	NT	9.5	149.4	211.5	8.64	CLR	12	116.0	12.76	MT	9:56	9:26	23:30		BW, RB	Lake	ORG	Submersed	N	0	0	70	Filamentos Algae on Bottom, Some Mares Tail	Yes
15-Aug-2011	Jim Lake	Jim Lake	1	B	C010	3	113			0	0	0	0	None	None	61.55616	-148.92271	NT	9.5	149.4	211.5	8.64	CLR	12	116.0	12.76	MT	9:56	9:26	23:30		BW, RB	Lake	ORG	Submersed	N	0	0	70	Filamentos Algae on Bottom, Some Mares Tail	Yes
15-Aug-2011	Jim Lake	Jim Lake	1	B	C010	3	115			0	0	0	0	None	None	61.55616	-148.92271	NT	9.5	149.4	211.5	8.64	CLR	12	116.0	12.76	MT	9:56	9:26	23:30		BW, RB	Lake	ORG	Submersed	N	0	0	70	Filamentos Algae on Bottom, Some Mares Tail	Yes
16-Aug-2011	Jim Lake	Jim Lake	2	B	C010	3				150	0	0	0	None	None	61.55616	-148.92271	NT	9.5	149.4	211.5	8.64	CLR	12	116.0	12.76	MT	9:56	9:26	23:30		BW, RB	Lake	ORG	Submersed	N	0	0	70	Filamentos Algae on Bottom, Some Mares Tail	Yes
16-Aug-2011	Jim Lake	Jim Lake	2	B	C010	3	111			0	0	0	0	None	None	61.55616	-148.92271	NT	10.3	151.3	211.1	7.81	NT	10	102.5	11.61	MT	9:37	12:00	26:23		BW, RB	Lake	ORG	Submersed	N	0	0	70		Yes
16-Aug-2011	Jim Lake	Jim Lake	2	B	C010	3	122			0	0	0	0	None	None	61.55616	-148.92271	NT	10.3	151.3	211.1	7.81	NT	10	102.5	11.61	MT	9:37	12:00	26:23		BW, RB	Lake	ORG	Submersed	N	0	0	70		No
17-Aug-2011	Jim Lake	Jim Lake	3	B	C010	3				0	1	0	0	None	None	61.55616	-148.92271	NT	10.3	151.3	211.1	7.81	NT	10	102.5	11.61	MT	9:37	12:00	26:23		BW, RB	Lake	ORG	Submersed	N	0	0	70		Yes
17-Aug-2011	Jim Lake	Jim Lake	3	B	C010	3			172	0	0	0	0	None	None	61.55616	-148.92271	NT	11.3	148.6	208.6	7.77	NT	12	106.5	12.43	MT	12:05	12:05	24:00		BW, RB	Lake	ORG	Submersed	N	0	0	70		Yes
17-Aug-2011	Jim Lake	Jim Lake	3	B	C010	3				64	0	0	0	None	None	61.55616	-148.92271	NT	11.3	148.6	208.6	7.77	NT	12	106.5	12.43	MT	12:05	12:05	24:00		BW, RB	Lake	ORG	Submersed	N	0	0	70		No
17-Aug-2011	Jim Lake	Jim Lake	3	B	C010	3	130			0	0	0	0	None	None	61.55616	-148.92271	NT	11.3	148.6	208.6	7.77	NT	12	106.5	12.43	MT	12:05	12:05	24:00		BW, RB	Lake	ORG	Submersed	N	0	0	70		No
17-Aug-2011	Jim Lake	Jim Lake	3	B	C010	3	114			0	0	0	0	None	None	61.55616	-148.92271	NT	11.3	148.6	208.6	7.77	NT	12	106.5	12.43	MT	12:05	12:05	24:00		BW, RB	Lake	ORG	Submersed	N	0	0	70		No
17-Aug-2011	Jim Lake	Jim Lake	3	B	C010	3	123			0	0	0	0	None	None	61.55616	-148.92271	NT	11.3	148.6	208.6	7.77	NT	12	106.5	12.43	MT	12:05	12:05	24:00		BW, RB	Lake	ORG	Submersed	N	0	0	70		Yes
17-Aug-2011	Jim Lake	Jim Lake	3	B	C010	3	94			0	0	0	0	None	None	61.55616	-148.92271	NT	11.3	148.6	208.6	7.77	NT	12	106.5	12.43	MT	12:05	12:05	24:00		BW, RB	Lake	ORG	Submersed	N	0	0	70		Yes
15-Aug-2011	Jim Lake	Jim Lake	1	B	C011	3				28	0	0	0	None	None	61.55541	-148.92271	0.88	12.9	148.2	193.0	8.64	CLR	13	133.4	13.98	MT	10:09	9:40	23:31		BW, RB	Lake	ORG	Emergent, Submersed	N	20	50	100	Whirled Leaf Milfoil, Vallisneria Tape Grass, Yellow Pond Lilly, Pond Weed Richardson	Yes
16-Aug-2011	Jim Lake	Jim Lake	2	B	C011	3				0	1	0	0	None	None	61.55541	-148.92271	0.88	13.6	158.5	203.0	8.87	NT	10	121.5	12.38	MT	9:44	12:10	26:26		BW, RB	Lake	ORG	Emergent, Submersed	N	20	50	100		No
17-Aug-2011	Jim Lake	Jim Lake	3	B	C011	3				16	0	0	0	None	None	61.55541	-148.92271	0.88	13.6	158.5	203.0	8.87	NT	14	121.5	12.38	MT	9:44	12:10	26:26		BW, RB	Lake	ORG	Emergent, Submersed	N	20	50	100		No
15-Aug-2011	Jim Lake	Jim Lake	1	B	C012	4				22	0	0	0	None	None	61.55541	-148.92271	0.88	14.9	151.5	188.1	8.83	NT	12	128.8	12.99	MT	12:12	12:12	24:00		BW, RB	Lake	ORG	Emergent, Submersed	N	20	50	100		No
16-Aug-2011	Jim Lake	Jim Lake	2	B	C012	4				0	0	0	0	None	None	61.55433	-148.92125	0.80	14.3	144.4	180.6	8.69	CLR	13	126.3	12.54	MT	10:20	9:48	23:28		BW, RB	Lake	ORG	Submersed	N	1	60	75	Possible Bladder Wort (Herbaceous Plant) Richardsons, Whirled	No
16-Aug-2011	Jim Lake	Jim Lake	2	B	C012	4				2	0	0	0	None	None	61.55433	-148.92125	0.80	14.2	143.0	181.0	8.90	NT	13	118.1	12.11	MT	9:50	12:15	26:25		BW, RB	Lake	ORG	Submersed	N	1	60	75		No
17-Aug-2011	Jim Lake	Jim Lake	3	B	C012	4				1	0	0	0	None	None	61.55433	-148.92125	0.80	13.1	129.0	167.2	8.43	NT	12	120.4	12.44	MT	12:17	12:18	24:01		BW,RB	Lake	ORG	Submersed	N	1	60	75		No
15-Aug-2011	Jim Lake	Jim Lake	1	B	C013	3				0	0	2	0	None	None	61.55434	-148.92514	1.34	15.4	148.4	181.2	9.09	CLR	13	139.2	13.78	MT	10:31	9:55	23:24		BW, RB	Lake	SSC,ORG	Submersed	N	0	0	75		No
15-Aug-2011	Jim Lake	Jim Lake	1	B	C013	3				1	0	0	0	None	None	61.55434	-148.92514	1.34	15.4	148.4	181.2	9.09	CLR	13	139.2	13.78	MT	10:31	9:55	23:24		BW, RB	Lake	SSC,ORG	Submersed	N	0	0	75		No
16-Aug-2011	Jim Lake	Jim Lake	2	B	C013	3				0	0	0	0	None	None	61.55434	-148.92514	1.34	15.4	147.6	180.9	9.01	NT	13	139.2	13.78	MT	10:31	9:55	23:24		BW, RB	Lake	SSC,ORG	Submersed	N	0	0	75		No
17-Aug-2011	Jim Lake	Jim Lake	3	B	C013	3				0	0	0	0	None	None	61.55434	-148.92514	1.34	16.8	152.0	188.3	8.73	NT	12	127.2	12.30	MT	9:58	12:22	26:24		BW, RB	Lake	SSC,ORG	Submersed	N	0	0	75		No
15-Aug-2011	Jim Lake	Jim Lake	1	B	C014	4				0	0	0	0	None	None	61.55422	-148.92776	1.46	16.0	147.9	178.4	9.02	NT	13	125.9	12.25	MT	12:24	12:19	23:55		BW, RB	Lake	SSC,ORG	Submersed	N	0	0	75		No
16-Aug-2011	Jim Lake	Jim Lake	2	B	C014	4				0	0	0	0	None	None	61.55422	-148.92776	1.46	15.8	149.2	181.1	9.20	NT	13	129.0	12.51	MT	10:40	10:00	23:20		BW, RB	Lake	NT	NT	NT	0	5	95	Richardson Pond Weed	No
17-Aug-2011	Jim Lake	Jim Lake	3	B	C014	4				0	0	0	0	None	None	61.55422	-148.92776	1.46	17.3	152.6	178.3	8.78	NT	12	123.1	11.74	MT	10:03	12:28	26:25		BW, RB	Lake	NT	NT	NT	0	5	95		No
																												12:30	12:22	23:52		BW, RB	Lake	NT	NT	NT	0	5	95		No


16
Add sockeye salmon
Rearing to
247-50-10200-2081-3025-4030-0030
Jim
Lake
SR
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