

APPENDIX 4C

RESULTS OF AMPHIBIAN AND REPTILE SURVEYS, 2002

Appendix Table 4C-1: Results of amphibian and reptile surveys, 2002

Project Area	Polygon #, Reach, or Reservoir	Date	Survey Method	Additional Notes	Area Searched (m ²)	Habitat	Observers	Start Time	Stop Time	Weather	Air Temp	Water Temp	Species	Life Stage	# of Individuals
Iron Gate Reservoir	434	06/20/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	RS	KHP/JRS	17:09	17:20	Clear	31		Bullfrog	Adult	1
Iron Gate Reservoir	1016	06/21/2002	General Wildlife Plot Reptile/Amphibian Survey		3905	PFO	RT	8:53	9:03		21		Bullfrog	Adult	1
Iron Gate Reservoir	Iron Gate Reservoir	06/21/02	INCIDENTAL			LUB	RT	6:16	6:21	Clear	17		Bullfrog	Adult	1
Keno Reservoir	2623	06/27/2002	INCIDENTAL	LUB/PAB at the edge of PP habitat		LUB/PAB							Bullfrog	Adult	2
Keno Reservoir	2859	04/23/02	INCIDENTAL	Westside near dam		LUB							Bullfrog	Adult	3
Keno Reservoir	Keno Reservoir	06/17/02	INCIDENTAL			LUB	JRS	7:35	7:50	Cloudy	10		Bullfrog	Adult	1
Iron Gate-Shasta	434	4/1/2002	Pond Breeding	Connected to rvr, backwater, surrounded by rs and grazed	15,739	RS	JS/JV/RT	12:07	12:33	Clear	25	19	Bullfrog	Adult	1
Iron Gate-Shasta	434	4/1/2002	Pond Breeding	Connected to rvr, backwater, surrounded by rs and grazed	15,739	RS	JS/JV/RT	12:07	12:33	Clear	26	19	Bullfrog	Tadpole	1
Iron Gate-Shasta	98; 99	4/25/2002	Pond Breeding	Some river backwater	300	PEM	JS/JV	16:50	17:00	Clear	22	15	Bullfrog	Juvenile	2
Copco No. 2 Bypass	1387	Jun-01	INCIDENTAL	Just west of road jct to Copco No. 1 village		DST							California mountain kingsnake	Adult	1
J.C. Boyle Bypass	2467	06/18/2002	General Wildlife Plot Reptile/Amphibian Survey		2,500	RS	AK	14:25	14:43	Clear	21		Common garter snake		1
J.C. Boyle Peaking Reach	1933	06/19/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	PEM	JPV/PJC	10:29	10:45	Clear	16		Common garter snake		1
J.C. Boyle Peaking Reach	2014	06/18/2002	General Wildlife Plot Reptile/Amphibian Survey		5,000	RG	AK	11:09	11:30	Overcast	18		Common garter snake		1
J.C. Boyle Peaking Reach	2107	06/18/2002	General Wildlife Plot Reptile/Amphibian Survey		5,000	RG	AK	11:52	12:08		21		Common garter snake		1
J.C. Boyle Peaking Reach	9002	06/19/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	RG	KHP/JRS	9:14	9:22	Clear	16		Common garter snake		1
J.C. Boyle Peaking Reach	1600	4/3/2002	Pond Breeding	Irrigated wetland in ditch	2800	PEM	JS/JV	9:30	9:50	Clear	20	16	Common garter snake	Adult	1
J.C. Boyle Peaking Reach	1710	04/03/2002	Pond Breeding	Lower Hayden Creek	100	PEM	JS/JV/RT	10:50	11:01	Clear	30	19	Common garter snake	Adult	1
Keno Canyon	2727	06/17/2002	General Wildlife Plot Reptile/Amphibian Survey		6,000	RG	AK	13:50	14:10	Overcast	21		Common garter snake		1
Keno Canyon	2737	06/17/2002	General Wildlife Plot Reptile/Amphibian Survey		3905	RG	RT	14:22	14:40	Overcast	19		Common garter snake	Adult	1
Keno Canyon	2742	06/17/2002	General Wildlife Plot Reptile/Amphibian Survey		3905	RG	RT	13:48	14:12	Overcast	19		Common garter snake		1
Keno Canyon	2742	06/17/2002	General Wildlife Plot Reptile/Amphibian Survey		3905	RG	RT	13:48	14:12	Overcast	19		Common garter snake		1
Keno Canyon	2742	06/17/2002	General Wildlife Plot Reptile/Amphibian Survey		3905	RG	RT	13:48	14:12	Overcast	19		Common garter snake		1
Keno Canyon	2556	04/23/2002	INCIDENTAL	Keno reservoir - Kayak put in JUST below dam		REC							Common garter snake	Juvenile	7
Link River	2885	06/17/2002	General Wildlife Plot Reptile/Amphibian Survey		3905	RS	RT	17:25	17:40		18		Common garter snake		1
Link River	2885	06/17/2002	General Wildlife Plot Reptile/Amphibian Survey		3905	RS	RT	17:25	17:40		18		Common garter snake		1
	1825	03/29/02	INCIDENTAL			MHOC							Common garter snake	Adult	1
Fall Creek	1481	Jun-01	INCIDENTAL	Where the pavement ends near the Fall Creek hatchery, near GL		DST							Common kingsnake	Adult	2
Iron Gate-Shasta			INCIDENTAL	On Copco Road dead in Iron Gate-Shasta area		DST							Common kingsnake		
Iron Gate Reservoir	1059	06/18/2002	INCIDENTAL	In poly 1059 close to poly 849		DST							Common kingsnake	Adult	1
Iron Gate Reservoir	1075; 1021; 1085	4/1/2002	Pond Breeding	Toad beach	14,305	PFO/RUS	JS/JV/RT	14:50	15:15	Clear	28		Garter snake	Adult	1
Keno Canyon	2543, 2534, 2532	4/23/2002	Pond Breeding	PEM 1/4 mile below keno dam, with some PUB	7184	PEM	JS/JV	14:20	14:50	Clear	18		Garter snake		14
J.C. Boyle Peaking Reach	1991	06/18/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	PEM	RT	11:03	11:20	Partly Cloudy	22		Gopher snake	Adult	1
J.C. Boyle Peaking Reach	2003	06/18/2002	General Wildlife Plot Reptile/Amphibian Survey		3905	RG	RT	10:30	10:46	Partly Cloudy	18		Gopher snake	Adult	1

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Project Area	Polygon #, Reach, or Reservoir	Date	Survey Method	Additional Notes	Area Searched (m ²)	Habitat	Observers	Start Time	Stop Time	Weather	Air Temp	Water Temp	Species	Life Stage	# of Individuals
J.C. Boyle Peaking Reach	2014	06/18/2002	General Wildlife Plot Reptile/Amphibian Survey		5,000	RG	AK	11:09	11:30	Overcast	18		Gopher snake		1
Keno Canyon	2727	06/17/2002	General Wildlife Plot Reptile/Amphibian Survey		6,000	RG	AK	13:50	14:10	Overcast	21		Gopher snake		1
Keno Reservoir	2840	06/17/2002	General Wildlife Plot Reptile/Amphibian Survey	RD and disturb	7810	RD	KHP/JRS	15:30	15:44	Overcast, Drizzle	19		Gopher snake	Adult	1
Iron Gate-Shasta	98	06/21/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	RS	KHP/JRS	8:25	8:40	Clear	17		Gopher snake	Adult	1
Iron Gate-Shasta	427	06/21/2002	INCIDENTAL	Along Copco Road		DST							Gopher snake	Adult	1
Copco No. 2 Bypass	Copco Reach	06/26/2002	Electrofishing	Backpack shocker	Entire reach	RUB	Sean Meegan, Erin Van Dehey						None		0
Copco No. 2 Bypass	Copco Reach	08/15/2002	Electrofishing	Backpack shocker	Entire reach	RUB	Sean Meegan, Erin Van Dehey						None		0
Copco No. 2 Bypass	Copco Reach	10/23/2002	Electrofishing	Backpack shocker	Entire reach	RUB	Sean Meegan, Erin Van Dehey						None		0
Copco No. 2 Bypass	Copco No. 2 Powerhouse	05/20/2002	FACILITY survey			DST	PJC	10:37	10:52	Partly Cloudy	6		None		0
Copco No. 2 Bypass	Copco No. 2 Powerhouse	06/20/2002	FACILITY survey			DST	DB	6:55	7:15	Clear	14		None		0
Copco No. 2 Bypass	Copco Dam	06/20/2002	FACILITY survey			DST	DB	9:15	10:00	Partly Cloudy	27		None		0
Copco No. 2 Bypass	Copco Penstock	06/20/2002	FACILITY survey			DST	DB	6:00	6:20	Clear	14		None		0
Copco Bypass	1226	06/20/2002	General Wildlife Plot Reptile/Amphibian Survey		10,000	MHOC	AK	10:00	10:19	Partly Cloudy	21.5		None		0
Copco Reservoir	Copco No. 1 Village	06/20/2002	FACILITY survey			DST	DB	9:10	9:30	Partly Cloudy	23		None		0
Copco Reservoir	784	06/19/2002	General Wildlife Plot Reptile/Amphibian Survey	Teasel, Juncus, Sedge	3905	RG	RT	13:17	13:34		25		None		0
Copco Reservoir	1164	06/19/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	MXC	RT	14:42	13:02		27		None		0
Copco Reservoir	1168	06/19/2002	General Wildlife Plot Reptile/Amphibian Survey		10,000	MHOJ	AK	13:24	13:44	Clear	26.5		None		0
Copco Reservoir	1396	06/20/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	RD	KHP/JRS	10:00	10:20	Clear	16		None		0
Copco Reservoir	1413	06/20/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	PEM	KHP			Clear	16		None		0
Copco Reservoir	1478	06/20/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	MHOJ	DB	12:45	13:15		34		None		0
Copco Reservoir	1484	06/20/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	PFO	DB	13:30	14:00		28		None		0
Copco Reservoir	1501	06/20/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	PEM	KHP/JRS	11:11	11:22	Clear	21		None		0
Copco Reservoir	1529	06/20/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	RD	KHP/JRS	10:43	10:53	Clear	20		None		0
Copco Reservoir	1547	06/20/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	GL	KHP/JRS	11:28	11:40	Clear	21		None		0
Copco Reservoir	9000	06/20/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	PEM	KHP/JRS	11:45	11:56	Clear	27		None		0
Copco Reservoir	962	4/2/2002	Pond Breeding	PEM; adjacent to GL	29,498	PEM	JS/JV/RT	8:15	8:30	Clear	18	13	None		0
Copco Reservoir	1484	3/22/2002	Pond Breeding	Copco Lake Springs; roadside ditch	60	bedrock chute	RT/PC	9:41	9:49	Partly Cloudy	0		None		0
Copco Reservoir	1366, 1376	3/22/2002	Pond Breeding		300	PSS/PFO	RT/PC	8:43	8:57	Partly Cloudy	12	9	None		0
Fall Creek	Fall Creek	06/24/2002	Electrofishing	Backpack shocker	Entire reach	RUB	Sean Meegan, Erin Van Dehey						None		0
Fall Creek	Fall Creek	10/24/2002	Electrofishing	Backpack shocker	Entire reach	RUB	Sean Meegan, Erin Van Dehey						None		0
Fall Creek	Copco Substation	05/20/2002	FACILITY survey			DST	RT/AK	10:45	11:16	Partly Cloudy	10		None		0
Fall Creek	Copco Substation	06/20/2002	FACILITY survey			DST	DB	8:00	8:20	Clear	18		None		0
Fall Creek	Fall Creek Powerhouse	06/20/2002	FACILITY survey			DST	DB	8:45	9:05	Clear	22		None		0
Fall Creek	1463	06/20/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	PEM	PJC	8:40	8:55		16		None		0

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Fall Creek	1543	06/20/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	MHOJ & MXC	JPV	8:55			18		None		0
Fall Creek	1611	06/20/2002	General Wildlife Plot Reptile/Amphibian Survey	1/2 of plot is a seep	3905	RM/PEM	RT	10:33	10:42	Partly Cloudy	21.5		none		0
Fall Creek	1665	06/20/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	MHOC	RT	12:05	12:25		27		none		0
Fall Creek	1666	06/20/2002	General Wildlife Plot Reptile/Amphibian Survey	Lots of CWD in PP	3905	RM	RT	11:09	11:32		23		none		0
Fall Creek	1427	8/5/2002	In-stream survey	Lower Fall Creek	250	RUB	RT/JV	15:10	15:37	Partly Cloudy	21.4	12	none		0
Fall Creek	1640	3/21/2002	In-stream survey	Fall Creek above diversion	800	RUB	RT/PC	8:34	9:02	Partly Cloudy	15	9	none		0
Fall Creek	1581; 1611	3/21/2002	In-stream survey	Fall Creek below diversion	360	RUB	RT/PC	9:36	9:56	Partly Cloudy	15	9	none		0
Fall Creek	1611; 1631	3/21/2002	In-stream survey	Fall Creek above diversion	400	RUB	RT/PC	9:10	9:30	Partly Cloudy	12	9	none		0
Fall Creek	976, 991	4/2/2002	Pond breeding	Near the mouth of Fall Creek	29667	PEM	JS/JV/RT	9:15	9:31	Clear	24	13	none		0
Fall Creek	987, 1001, 991	3/21/2002	Pond breeding	Copco No. 2 Village wetland	13456	PEM/PFO/PS S	RT/PC	13:20	13:40	Partly Cloudy	21	11	none		0
Iron Gate Reservoir	Dispersed rec site #3	05/20/2002	FACILITY survey			DST	RT	8:20		Light Rain	10		none		0
Iron Gate Reservoir	444	06/20/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	RD	KHP/JRS	16:44	16:57	Clear	31		none		0
Iron Gate Reservoir	569	06/20/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	PSS	KHP/JRS	14:53	15:01	Clear	30		none		0
Iron Gate Reservoir	665	06/20/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	PFO	KHP/JRS	14:26	14:44	Partly Cloudy	29		none		0
Iron Gate Reservoir	721	06/20/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	PSS	KHP/JRS	14:00	14:15	Clear	29		none		0
Iron Gate Reservoir	865	06/20/2002	General Wildlife Plot Reptile/Amphibian Survey		3905	PEM	RT	14:39	14:18	Partly Cloudy	31.5		none		0
Iron Gate Reservoir	895	06/20/2002	General Wildlife Plot Reptile/Amphibian Survey		3905	RS	RT	13:50	14:06	Partly Cloudy	28		none		0
Iron Gate Reservoir	960	06/20/2002	General Wildlife Plot Reptile/Amphibian Survey	FRLA/ALRH RD + MXC + J Rhus trilobeta	3905	RD	RT	15:50	16:15		33		none		0
Iron Gate Reservoir	971	06/21/2002	General Wildlife Plot Reptile/Amphibian Survey		3905	RS	JPV/PJC	8:23	8:32		14		none		0
Iron Gate Reservoir	1036	06/21/2002	General Wildlife Plot Reptile/Amphibian Survey		10,000	GL	AK	8:58	9:10	Overcast	22		none		0
Iron Gate Reservoir	1074	06/20/2002	General Wildlife Plot Reptile/Amphibian Survey		5,000	RD	AK	13:54	14:09	Partly Cloudy	29		none		0
Iron Gate Reservoir	1109	06/20/2002	General Wildlife Plot Reptile/Amphibian Survey		10,000	GL	AK	15:45	16:00	Partly Cloudy	29.5		none		0
Iron Gate Reservoir	1115	06/20/2002	General Wildlife Plot Reptile/Amphibian Survey		5,000	PSS	AK	15:21	15:35	Partly Cloudy	33		none		0
Iron Gate Reservoir	1303	06/20/2002	General Wildlife Plot Reptile/Amphibian Survey		5,000	PFO	AK	14:44	15:04	Partly Cloudy	30.5		none		0
Iron Gate Reservoir	1308	06/20/2002	General Wildlife Plot Reptile/Amphibian Survey	Juniper/poison/BRTE, Medusa	7810	J	RT	15:08	15:28		31		none		0
Iron Gate Reservoir	1303	8/5/2002	In-stream survey	Jenny Creek	1875	RUB	RT/JV	13:41	14:41	Partly Cloudy	20.3	14.2	none		0
Iron Gate Reservoir	1106; 1095	8/5/2002	In-stream survey	Camp Creek	75	RUB	RT/JV	13:15	13:25	Partly Cloudy	21.7	14.5	none		0
Iron Gate Reservoir	515	3/20/2002	Pond Breeding		500	RD	RT/PC	15:17	15:29	Partly Cloudy	16	8	none		0
Iron Gate Reservoir	541	3/20/2002	Pond Breeding		125	PSS	RT/PC	15:34	15:45	Partly Cloudy	22		none		0
Iron Gate Reservoir	865	3/21/2002	Pond Breeding	Band of SCAC/cocklebar	260	PEM	RT/PC	12:20	12:29	Partly Cloudy			none		0
Iron Gate Reservoir	962	3/21/2002	Pond Breeding	PEM; adjacent to GL below a 3-4ft beaver dam - water level controlled	29,498	PEM	RT/PC	15:15	15:42	Overcast	16	11	none		0
Iron Gate Reservoir	994	3/21/2002	Pond Breeding		1000	PSS	RT/PC	14:15	14:35	Partly Cloudy	22	18	none		0
Iron Gate Reservoir	1036	4/1/2002	Pond Breeding		550	PEM/RS	JS/JV/RT	14:26	14:36	Clear	28		none		0
Iron Gate Reservoir	1106	3/20/2002	Pond Breeding		1250	PFO	RT/PC	17:00	17:31	Partly Cloudy	20	9	none		0

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Project Area	Polygon #, Reach, or Reservoir	Date	Survey Method	Additional Notes	Area Searched (m ²)	Habitat	Observers	Start Time	Stop Time	Weather	Air Temp	Water Temp	Species	Life Stage	# of Individuals
Iron Gate Reservoir	1115	4/2/2002	Pond Breeding	Mouth of Jenny Creek (below road)	7,260	PFO	JS/JV/RT	9:50	10:15	Clear	24	13	none		0
Iron Gate Reservoir	1137	4/2/2002	Pond Breeding	Mouth of Jenny Creek	3,750	PFO	JS/JV/RT	10:15	10:21	Clear	24	9	none		0
Iron Gate Reservoir	1075; 1021; 1085	5/10/2002	Pond Breeding	Toad beach	3,958	PFO/RUS	JS/JV/RT						none		0
Iron Gate Reservoir	1137, 1303	3/21/2002	Pond Breeding	Mouth of Jenny Creek	300	PFO/PSS	RT/PC	10:59	11:18	Partly Cloudy	18	7.5	none		0
Iron Gate Reservoir	623, 621	3/20/2002	Pond Breeding		1100	PFO/PSS	RT/PC	16:00	16:11	Partly Cloudy	25		none		0
Iron Gate Reservoir	654, 656	3/20/2002	Pond Breeding		1150	PUB/PFO	RT/PC	16:17	16:40	Partly Cloudy	20		none		0
Iron Gate Reservoir	1115	3/21/2002	Pond Breeding	Mouth of Jenny Creek	6,534	PFO	RT/PC	11:35	11:39	Partly Cloudy	17	11	none		0
J.C. Boyle Bypass	J.C. Boyle Bypass	06/01/2002	Electrofishing	Backpack shocker	Entire reach	RUB	Sean Meegan, Erin Van Dehey						none		0
J.C. Boyle Bypass	J.C. Boyle Bypass	06/02/2002	Electrofishing	Backpack shocker	Entire reach	RUB	Sean Meegan, Erin Van Dehey						none		0
J.C. Boyle Bypass	J.C. Boyle Bypass	08/08/2002	Electrofishing	Backpack shocker	Entire reach	RUB	Sean Meegan, Erin Van Dehey						none		0
J.C. Boyle Bypass	J.C. Boyle Bypass	10/19/2002	Electrofishing	Backpack shocker	Entire reach	RUB	Sean Meegan, Erin Van Dehey						none		0
J.C. Boyle Bypass	J.C. Boyle Bypass	10/21/2002	Electrofishing	Backpack shocker	Entire reach	RUB	Sean Meegan, Erin Van Dehey						none		0
J.C. Boyle Bypass	J.C. Boyle Canal	06/19/2002	FACILITY survey			DST	DB	6:40	7:00	Clear	11		none		0
J.C. Boyle Bypass	J.C. Boyle Canal	08/07/2002	FACILITY survey	Entire length of canal		DST	JV/RT	11:45	16:25	Partly Cloudy	23		none		0
J.C. Boyle Bypass	J.C. Boyle Dam	06/19/2002	FACILITY survey			DST	DB	6:00	6:20	Foggy	8		none		0
J.C. Boyle Bypass	2474	06/18/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	PP		11:41	11:50	Partly Cloudy	18		none		0
J.C. Boyle Bypass	2484	06/18/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	PP	KHP/JRS	12:03	12:13	Partly Cloudy	19		none		0
J.C. Boyle Bypass	2486	06/18/2002	General Wildlife Plot Reptile/Amphibian Survey		5,000	RD	AK	15:50	16:08	Clear			none		0
J.C. Boyle Bypass	2506	06/18/2002	General Wildlife Plot Reptile/Amphibian Survey		3905	RS	RT	15:50	16:08		23		none		0
J.C. Boyle Bypass	2547	06/18/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	PGL	RT	15:11	15:19	Clear	22		none		0
J.C. Boyle Peaking Reach	J.C. Boyle Peaking Reach	05/23/2002	Electrofishing	Backpack shocker	Entire reach	RUB	Sean Meegan, Erin Van Dehey						none		0
J.C. Boyle Peaking Reach	J.C. Boyle Peaking Reach	08/11/2002	Electrofishing	Beach seine, and snorkel	Entire reach	RUB	Sean Meegan, Erin Van Dehey						none		0
J.C. Boyle Peaking Reach	J.C. Boyle Peaking Reach	08/12/2002	Electrofishing	Backpack shocker and snorkel	Entire reach	RUB	Sean Meegan, Erin Van Dehey						none		0
J.C. Boyle Peaking Reach	J.C. Boyle Peaking Reach	08/13/2002	Electrofishing	Beach seine, snorkel	Entire reach	RUB	Sean Meegan, Erin Van Dehey						none		0
J.C. Boyle Peaking Reach	J.C. Boyle Peaking Reach	08/14/2002	Electrofishing	ch seine, snorkel, and backpack sho	Entire reach	RUB	Sean Meegan, Erin Van Dehey						none		0
J.C. Boyle Peaking Reach	J.C. Boyle Peaking Reach	10/16/2002	Electrofishing	Snorkel and backpack shocker	Entire reach	RUB	Sean Meegan, Erin Van Dehey						none		0
J.C. Boyle Peaking Reach	J.C. Boyle Peaking Reach	10/17/2002	Electrofishing	Driftboat shocker	Entire reach	RUB	Sean Meegan, Erin Van Dehey						none		0
J.C. Boyle Peaking Reach	J.C. Boyle Peaking Reach	10/18/2002	Electrofishing	Driftboat shocker and backpack shock	Entire reach	RUB	Sean Meegan, Erin Van Dehey						none		0
J.C. Boyle Peaking Reach	J.C. Boyle Powerhouse	06/19/2002	FACILITY survey			DST	DB	8:15	8:40	Clear	17		none		0
J.C. Boyle Peaking Reach	678	06/19/2002	General Wildlife Plot Reptile/Amphibian Survey		10,000	GL	AK	12:11	12:29	Clear			none		0
J.C. Boyle Peaking Reach	750	06/19/2002	General Wildlife Plot Reptile/Amphibian Survey		3905	RG	RT	11:16	11:29		19.5		none		0
J.C. Boyle Peaking Reach	870	06/19/2002	General Wildlife Plot Reptile/Amphibian Survey		6,637	PA	PJC	14:52	15:07		22		none		0
J.C. Boyle Peaking Reach	1246	06/19/2002	General Wildlife Plot Reptile/Amphibian Survey	QUGA JUOC POISON	7810	MHOC	RT	10:31	10:53	Partly Cloudy	19		none		0

Appendix Table 4C-1: Results of amphibian and reptile surveys, 2002

Project Area	Polygon #, Reach, or Reservoir	Date	Survey Method	Additional Notes	Area Searched (m ²)	Habitat	Observers	Start Time	Stop Time	Weather	Air Temp	Water Temp	Species	Life Stage	# of Individuals
J.C. Boyle Peaking Reach	1437	06/19/2002	General Wildlife Plot Reptile/Amphibian Survey		6,232	RM	JPV/PJC	14:24	14:34				none		0
J.C. Boyle Peaking Reach	1492	06/19/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	GL		14:11	14:21				none		0
J.C. Boyle Peaking Reach	1634	06/19/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	MHO	JPV/PJC	13:44	13:55		22		none		0
J.C. Boyle Peaking Reach	1710	06/19/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	RM	JPV/PJC	13:08	13:19		21		none		0
J.C. Boyle Peaking Reach	1729	06/19/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	PEM	JPV/PJC	13:23	13:33		21		none		0
J.C. Boyle Peaking Reach	1920	06/19/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	GL	KHP/JRS	9:25	9:35	Clear	17		none		0
J.C. Boyle Peaking Reach	1958	06/19/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	RS	KHP/JRS	9:45	9:54	Clear	19		none		0
J.C. Boyle Peaking Reach	1966	06/19/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	MHO	KHP/JRS	9:52		Clear	19		none		0
J.C. Boyle Peaking Reach	1064	8/6/2002	In-stream survey	Shovel Creek	980	RUB	RT/JV	14:37	15:10	Partly Cloudy	24.5	14.3	none		0
J.C. Boyle Peaking Reach	794	3/23/2002	Pond Breeding	Angler access pond	700	PUB	RT/PC	12:18	12:35	Overcast	13	11	none		0
J.C. Boyle Peaking Reach	827	4/2/2002	Pond Breeding		3835	PEM	JS/JV/RT	14:06	14:08	Clear	27		none		0
J.C. Boyle Peaking Reach	1013	4/2/2002	Pond Breeding		15,944	PEM	JS/JV/RT	14:30	15:00	Clear	27		none		0
J.C. Boyle Peaking Reach	1822	4/22/2002	Pond Breeding	Upland human-created PEM spring	75	PEM	JS/JV	11:19	11:40	Clear			none		0
J.C. Boyle Peaking Reach	1887	4/2/2002	Pond Breeding	Seep in creek bed, no flow at bottom, surrounded by oak	2000	SEEP	JS/JV/RT	15:42	16:02	Clear	30	14	none		0
J.C. Boyle Peaking Reach	1953	4/5/2002	Pond Breeding	Frain Creek PEM	2105	PEM	JS/JV	10:44	10:53	overcast	20	14	none		0
J.C. Boyle Peaking Reach	2018	4/5/2002	Pond Breeding	BLM (boulder spring)	4442	PEM	JS/JV	11:32	11:45	overcast		16	none		0
J.C. Boyle Peaking Reach	8004	04/04/2002	Pond Breeding		2450	PEM/AGL	JS/JV/RR			Clear	29	20	none		0
J.C. Boyle Peaking Reach	718; 731; 818	4/2/2002	Pond Breeding	Road, side channel with water pockets, cattle erosion, perched	3000	RD	JS/JV/RT	13:10	13:30	Clear	27	14	none		0
J.C. Boyle Reservoir	Spencer Creek	08/14/2002	Electrofishing	Backpack shocker	Entire reach	RUB	Sean Meegan, Erin Van Dehey						none		0
J.C. Boyle Reservoir	Spencer Creek	10/15/2002	Electrofishing	Backpack shocker	Entire reach	RUB	Sean Meegan, Erin Van Dehey						none		0
J.C. Boyle Reservoir	2508	06/18/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	PP	KHP/JRS	11:33	11:38	Partly Cloudy	17		none		0
J.C. Boyle Reservoir	2545	06/18/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	PP/DF	KHP/JRS	11:19	11:26	Partly Cloudy	16		none		0
J.C. Boyle Reservoir	2554	06/18/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	RS	KHP/JRS	11:00	11:12	Overcast	16		none		0
J.C. Boyle Reservoir	2588	06/18/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	RS	KHP			Partly Cloudy	16		none		0
J.C. Boyle Reservoir	2703	06/18/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	SB	KP			Overcast	18		none		0
J.C. Boyle Reservoir	2718	06/18/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	PP	KP	8:45	8:55	Overcast	18		none		0
J.C. Boyle Reservoir	2734	06/18/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	PSS	JRS	9:05	9:20	Overcast	16		none		0
J.C. Boyle Reservoir	2732; 2734	8/7/2002	In-stream survey	Spencer Creek	875	RUB	RT/JV	11:53	12:32	Clear	19.1	13.1	none		0
J.C. Boyle Reservoir	2600	4/5/2002	Pond Breeding		1630	LUB	JS/JV	13:05	13:22	overcast		17	none		0
J.C. Boyle Reservoir	2667	4/5/2002	Pond Breeding	PEM with channelized creek	9820	PEM	JS/JV	14:21	14:32	overcast		14	none		0
J.C. Boyle Reservoir	2680, 2699, 2732	4/5/2002	Pond Breeding	Across from sportman park	24936	PEM	JS/JV	14:38	14:46	overcast		17	none		0
Keno Canyon	Keno Reach	06/03/2002	Electrofishing	Backpack shocker	Entire reach	RUB	Sean Meegan, Erin Van Dehey						none		0
Keno Canyon	Keno Reach	06/05/2002	Electrofishing	Backpack shocker	Entire reach	RUB	Sean Meegan, Erin Van Dehey						none		0

Appendix Table 4C-1: Results of amphibian and reptile surveys, 2002

Project Area	Polygon #, Reach, or Reservoir	Date	Survey Method	Additional Notes	Area Searched (m ²)	Habitat	Observers	Start Time	Stop Time	Weather	Air Temp	Water Temp	Species	Life Stage	# of Individuals
Keno Canyon	Keno Reach	07/30/2002	Electrofishing	Backpack shocker	Entire reach	RUB	Sean Meegan, Erin Van Dehey						none		0
Keno Canyon	Keno Reach	08/02/2002	Electrofishing	Backpack shocker	Entire reach	RUB	Sean Meegan, Erin Van Dehey						none		0
Keno Canyon	Keno Reach	10/11/2002	Electrofishing	Backpack shocker	Entire reach	RUB	Sean Meegan, Erin Van Dehey						none		0
Keno Canyon	Keno Reach	10/13/2002	Electrofishing	Backpack shocker	Entire reach	RUB	Sean Meegan, Erin Van Dehey						none		0
Keno Canyon	2651	06/17/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	MXC	RT	12:54	13:12	Overcast	18		none		0
Keno Canyon	2688	06/17/2002	General Wildlife Plot Reptile/Amphibian Survey		6,000	RG	AK	14:20	4:38	Overcast	20		none		0
Keno Canyon	2693	06/17/2002	General Wildlife Plot Reptile/Amphibian Survey		3905	PEM	RT	14:48	15:00	Overcast, Drizzle	19		none		0
Keno Canyon	2573	4/23/2002	Terrestrial	Terrestrial amphibian survey on both sides of a flowing creek	2500	KMC	JS/JV	10:40	11:15	Clear	17		none		0
Keno Canyon	2696	4/23/2002	Terrestrial	Terrestrial amphibian survey in dry creek bed	4000	KMC	JS/JV	9:37	10:00	Clear	17		none		0
Keno Reservoir	Keno Reservoir	05/30/2002	Electrofishing	Boat shocker	Entire reach	LUB	Sean Meegan, Erin Van Dehey						none		0
Keno Reservoir	Keno Reservoir	05/31/2002	Electrofishing	Boat shocker	Entire reach	LUB	Sean Meegan, Erin Van Dehey						none		0
Keno Reservoir	Keno Reservoir	08/09/2002	Electrofishing	Boat shocker	Entire reach	LUB	Sean Meegan, Erin Van Dehey						none		0
Keno Reservoir	Keno Reservoir	08/10/2002	Electrofishing	Boat shocker	Entire reach	LUB	Sean Meegan, Erin Van Dehey						none		0
Keno Reservoir	Keno Reservoir	10/09/2002	Electrofishing	Boat shocker	Entire reach	LUB	Sean Meegan, Erin Van Dehey						none		0
Keno Reservoir	Keno Reservoir	10/10/2002	Electrofishing	Boat shocker	Entire reach	LUB	Sean Meegan, Erin Van Dehey						none		0
Keno Reservoir	2496	06/17/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	J	KHP/JRS	14:40	14:51	Overcast	18		none		0
Keno Reservoir	2527	06/18/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	PEM	DB	13:00	13:30		21		none		0
Keno Reservoir	2686	06/17/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	RG	KHP/JRS	14:00	14:10	Overcast	18		none		0
Keno Reservoir	2731	06/17/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	RG	KHP/JRS	14:10		Overcast	18		none		0
Keno Reservoir	2774	06/17/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	IH	KHP/JRS	12:48	13:10	Overcast	17		none		0
Keno Reservoir	2806	06/17/2002	General Wildlife Plot Reptile/Amphibian Survey	Mitigation area	7810	PEM	KHP/JRS	15:05		Drizzle	20		none		0
Keno Reservoir	2846	06/17/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	RD	KHP/JRS	15:45	15:55	Overcast, Drizzle	19		none		0
Keno Reservoir	2855	06/17/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	RD	KHP/JRS	15:55	16:06	Overcast	19		none		0
Keno Reservoir	2458	4/24/2002	Pond Breeding	Gun club boardwalks	1000	PUB	JS/JV	13:02	13:15	Clear			none		0
Keno Reservoir	2527	4/24/2002	Pond Breeding	Gun club boardwalks	1000	PEM	JS/JV	13:02	13:15	Clear			none		0
Keno Reservoir	2701	4/23/2002	Pond Breeding	2701; Wildlife area PEM	1500	PEM	JS/JV	9:04	9:15	Clear	8		none		0
Keno Reservoir	2806	4/24/2002	Pond Breeding	PEM with bordering pub area	18611	PEM	JS/JV	16:02	16:10		21		none		0
Link River	Link River	05/28/2002	Electrofishing	Backpack shocker	Entire reach	RUB	Sean Meegan, Erin Van Dehey						none		0
Link River	Link River	05/29/2002	Electrofishing	Backpack shocker	Entire reach	RUB	Sean Meegan, Erin Van Dehey						none		0
Link River	Link River	08/03/2002	Electrofishing	Backpack shocker	Entire reach	RUB	Sean Meegan, Erin Van Dehey						none		0
Link River	Link River	08/09/2002	Electrofishing	Boat shocker	Entire reach	RUB	Sean Meegan, Erin Van Dehey						none		0
Link River	Link River	10/08/2002	Electrofishing	Backpack shocker	Entire reach	RUB	Sean Meegan, Erin Van Dehey						none		0
Link River	Eastside and Westside Powerhouses	06/18/2002	FACILITY survey			DST	DB	15:45	16:15	Clear	21		none		0

Appendix Table 4C-1: Results of amphibian and reptile surveys, 2002

Project Area	Polygon #, Reach, or Reservoir	Date	Survey Method	Additional Notes	Area Searched (m ²)	Habitat	Observers	Start Time	Stop Time	Weather	Air Temp	Water Temp	Species	Life Stage	# of Individuals
Link River	Link River Dam	06/18/2002	FACILITY survey			DST	DB	15:00	15:30		21		none		0
Link River	Link River Substation	06/18/2002	FACILITY survey			DST	DB	7:00	7:25	Partly Cloudy	17		none		0
Link River	2869	06/17/2002	General Wildlife Plot Reptile/Amphibian Survey		3905	RD	RT	17:46	17:56	Overcast	18		none		0
Link River	2893	06/17/2002	General Wildlife Plot Reptile/Amphibian Survey		10,000	J	AK	17:18	17:31	Overcast	18		none		0
Link River	2864	4/5/2002	Pond Breeding		10617	PFO	JS/JV	8:38	8:44	overcast	16	11	none		0
Link River	2864	4/5/2002	Pond Breeding		10617	PFO	JS/JV	8:20	8:27	overcast	16	16	none		0
Iron Gate-Shasta	Iron Gate Dam	06/21/2002	FACILITY survey			DST	DB	6:45	7:05	Partly Cloudy	16		none		0
Iron Gate-Shasta	33	06/21/2002	General Wildlife Plot Reptile/Amphibian Survey	RD and Blackberry	7810	RD	JRS	7:47	8:00	Clear	14		none		0
Iron Gate-Shasta	44	06/21/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	RG	KHP			Clear	16		none		0
Iron Gate-Shasta	295	06/21/2002	General Wildlife Plot Reptile/Amphibian Survey		5463	RG	JPV/PJC	8:56	9:07	Clear	22		none		0
Iron Gate-Shasta	298	06/21/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	RS	JPV/PJC	9:12	9:22		22		none		0
Iron Gate-Shasta	367	06/20/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	RD	KHP/JRS	18:50	18:01	Clear	29		none		0
Iron Gate-Shasta	398	06/20/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	RS	KHP/JRS	17:28	17:38	Clear	31		none		0
Iron Gate-Shasta	439	06/20/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	MHOJ	KHP/JRS	16:10	16:26	Clear	31		none		0
Iron Gate-Shasta	444	8/5/2002	In-stream survey	Bogus Creek	1000	RUB	RT/JV	11:40	12:38	Partly Cloudy	22.7	13.9	none		0
Iron Gate-Shasta	88	4/1/2002	Pond Breeding	Thin strip of RD at rest area	1000	RD	JS/JV/RT	10:32	10:42	Clear	17		none		0
Iron Gate-Shasta	281	3/20/2002	Pond Breeding	Steep bank	2500	RS	RT/PC	10:54	11:38	Overcast	24.5	8	none		0
Iron Gate-Shasta	331	3/21/2002	Pond Breeding	Bare river bank with boulders	151	RUS	RT/PC	12:20	12:27	Overcast			none		0
Iron Gate-Shasta	465	3/20/2002	Pond Breeding	Along the banks of Brush Creek	750	RD	RT/PC	14:31	14:53	Partly Cloudy	24	12	none		0
Fall Creek	1427;1581	10/17/2001	Electrofishing	Backpack shocker	300	RUB	Sean Meegan, Erin Van Dehey	12:00	15:00		13	11	Pacific giant salamander	Juvenile	6
Fall Creek	1427;1581	8/16/2002	Electrofishing	Backpack shocker	300	RUB	Sean Meegan, Erin Van Dehey			Clear			Pacific giant salamander	Juvenile	20
Fall Creek	1581	06/20/2002	General Wildlife Plot Reptile/Amphibian Survey	30% ROW, 20% canal, 50% RM	7810	RM	RT	9:45	10:22	Partly Cloudy			Pacific giant salamander	Larva	1
Fall Creek	1581; 1611	8/6/2002	In-stream survey	Fall Creek Below Diversion	300	RUB	RT/JV	9:51	10:25	Clear	13.7	13.7	Pacific giant salamander	Larva	1
Fall Creek	1581; 1611	8/6/2002	In-stream survey	Fall Creek Below Diversion	300	RUB	RT/JV	9:51	10:25	Clear	13.7	13.7	Pacific giant salamander	Larva	1
Fall Creek	1611; 1631	8/6/2002	In-stream survey	Fall Creek Above Diversion	1200	RUB	RT/JV	8:30	9:30	Clear	10.8	8.7	Pacific giant salamander	Larva	1
Fall Creek	1611; 1631	8/6/2002	In-stream survey	Fall Creek Above Diversion	1200	RUB	RT/JV	8:30	9:30	Clear	10.8	8.7	Pacific giant salamander	Larva	1
J.C. Boyle Bypass	J.C. Boyle Bypass	5/24/2002	Electrofishing	Backpack shocker	Entire reach	RUB	Sean Meegan, Erin Van Dehey			Clear			Pacific giant salamander	Juvenile	3
Fall Creek	1398	06/21/2002	INCIDENTAL	1/4 of the way up Fall Creek falls		ER/GL							Sagebrush lizard	Adult	2
Iron Gate Reservoir	552	06/20/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	PFO	KHP/JRS	15:06	15:18	Clear	31		Sagebrush lizard	Adult	2
Keno Canyon	2576	06/17/2002	General Wildlife Plot Reptile/Amphibian Survey		10,000	RS	RT/AK	10:33	10:55	Partly Cloudy	21		Sagebrush lizard		1
Keno Canyon	2752	06/17/02	INCIDENTAL	Seen after reptile survey at the edge of a clearcut on the rim		PP	AK			Cloudy	19		Sagebrush lizard	Adult	2
Iron Gate-Shasta	330	3/20/2002	Pond Breeding	Bare river bank with boulders	150	RUS	RT/PC	12:20	12:27	Overcast			Snake sp.		1
Copco Reservoir	1376	06/20/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	PSS	JRS	8:45	9:00	Clear	16		Southern alligator lizard	Adult	1
J.C. Boyle Peaking Reach	1933	06/19/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	PEM	JPV/PJC	10:29	10:45	Clear	16		Southern alligator lizard	Adult	1

Appendix Table 4C-1: Results of amphibian and reptile surveys, 2002

Project Area	Polygon #, Reach, or Reservoir	Date	Survey Method	Additional Notes	Area Searched (m ²)	Habitat	Observers	Start Time	Stop Time	Weather	Air Temp	Water Temp	Species	Life Stage	# of Individuals
J.C. Boyle Peaking Reach	1982	06/19/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	MHOCP	JPV/PJC	11:33		Clear	16		Southern alligator lizard		1
J.C. Boyle Peaking Reach	1992	06/18/2002	General Wildlife Plot Reptile/Amphibian Survey		10,000	MHOC	AK	10:30	10:54	Partly Cloudy	16		Southern alligator lizard		1
J.C. Boyle Peaking Reach	1992	06/18/2002	General Wildlife Plot Reptile/Amphibian Survey		10,000	MHOC	AK	10:30	10:54	Partly Cloudy	16		Southern alligator lizard		1
Keno Canyon	2583	06/17/2002	General Wildlife Plot Reptile/Amphibian Survey		10,000	RS	AK	12:05	12:35	Overcast	21		Southern alligator lizard		1
Keno Canyon	2556	04/23/2002	INCIDENTAL	Keno Reservoir - kayak put in just below dam		REC							Southern alligator lizard	Adult	1
Keno Canyon	2543, 2534, 2532	4/23/2002	Pond Breeding	PEM 1/4 mile below keno dam, with some PUB	7184	PEM	JS/JV	14:20	14:50	Clear	18		Southern alligator lizard	Adult	1
Copco No. 2 Bypass	1387	05/07/02	INCIDENTAL	Just west of road jct to Copco No. 1 village		DST							Striped whipsnake	Dead	1
Copco Reservoir	1383	3/22/2002	Pond Breeding	Roadside ditch/ teal at edge	20	DST	RT/PC	9:10	9:14	Partly Cloudy	18	12	Treefrog	Eggs	50
Copco Reservoir	1383	3/22/2002	Pond Breeding	roadside ditch/ teal at edge	20	DST	RT/PC	9:10	9:14	Partly Cloudy	18	12	Treefrog	Tadpoles	70
Copco Reservoir	1484	3/22/2002	Pond Breeding	Copco Lake Springs; roadside ditch	120	DST	RT/PC	9:55	10:03	Partly Cloudy	18		Treefrog	Adult	2
Copco Reservoir	1484	3/22/2002	Pond Breeding	Copco Lake Springs; roadside ditch	120	DST	RT/PC	9:55	10:03	Partly Cloudy	18		Treefrog	Eggs	15
Copco Reservoir	1484	3/22/2002	Pond Breeding	Copco Lake Springs; roadside ditch	120	DST	RT/PC	9:55	10:03	Partly Cloudy	18		Treefrog	Tadpoles	several 100s
Fall Creek	1025, 1027, 994, 1001	4/2/2002	Pond Breeding	Copco No. 2 Village wetland	17597	PEM/PSS/PFO	JS/JV/RT	8:42	9:15	Clear	17	14	Treefrog	Eggs	30
Fall Creek	1027, 994	3/21/2002	Pond Breeding	Copco No. 2 Village wetland	1250	PEM/PSS	RT/PC	14:50	15:06	Partly Cloudy	23	20	Treefrog	Adult	2
Iron Gate Reservoir	994	3/21/2002	Pond Breeding		4482	PEM/PAB	RT/PC	13:53	14:14	Partly Cloudy	22	18	Treefrog	Adult	2
Iron Gate Reservoir	994	3/21/2002	Pond Breeding		4482	PEM/PAB	RT/PC	13:53	14:14	Partly Cloudy	22	18	Treefrog	Eggs	5
J.C. Boyle Peaking Reach	Upstream of poly 235	8/29/2002	In-stream survey	Cottonwood Creek (out of study area)	8000	RUB	KP	8:30	9:30	Clear	24	17	Treefrog		11
J.C. Boyle Peaking Reach	1013	4/2/2002	Pond Breeding	Klamath hot spring	15944	PEM	JS/JV/RT	15:00	15:05	Clear	27	24	Treefrog	Adult	1
J.C. Boyle Peaking Reach	1064	3/22/2002	Pond Breeding	Side channel of Shovel Creek	300	RD	RT/PC	12:52	13:03	drizzle	13		Treefrog	Adult	2
J.C. Boyle Peaking Reach	1686	3/22/2002	Pond Breeding	Stock pond	750	PUB/MHO	RT/PC	11:29	11:39	Partly Cloudy	16	16	Treefrog	Adult	1
J.C. Boyle Peaking Reach	1710	04/03/2002	Pond Breeding	lower Hayden creek	100	PEM	JS/JV/RT	10:50	11:01	Clear	30	19	Treefrog	Eggs	3 masses
J.C. Boyle Peaking Reach	1784	04/03/2002	Pond Breeding	upper Hayden creek	10000	PGL	JS/JV/RT	11:30	11:57	Clear	31		Treefrog	Adult	1
J.C. Boyle Peaking Reach	1788	04/04/2002	Pond Breeding		6269	PEM	JS/JV/RR	11:40	11:59	Clear			Treefrog	Adult	1
J.C. Boyle Peaking Reach	1874	4/3/2002	Pond Breeding	GL irrigation ditch made wetland/pond	4100	PUB	JS/JV/RT	9:07	9:16	Clear	20	14	Treefrog	Eggs	42
J.C. Boyle Peaking Reach	1933	04/04/2002	Pond Breeding	Exclosure PEM	7239	PEM	JS/JV/RR	12:24	12:56	Clear	28	19	Treefrog	Eggs	25 masses
J.C. Boyle Peaking Reach	1933	04/04/2002	Pond Breeding		7239	PEM	JS/JV/RR	12:24	12:56	Clear	28	19	Treefrog	Adult	2
J.C. Boyle Peaking Reach	2082	4/5/2002	Pond Breeding	BLM (major spring)	1397	PEM	JS/JV	11:10	11:26	overcast	20	19	Treefrog	Adult	1
J.C. Boyle Peaking Reach	2502	04/04/2002	Pond Breeding	2 frogs in amplexes	3439	PEM/LUB	JS/JV/RR	15:40	16:10	Clear	27	16	Treefrog	Adult	10
J.C. Boyle Peaking Reach	2502	04/04/2002	Pond Breeding		3439	PEM/LUB	JS/JV/RR	15:40	16:10	Clear	27	16	Treefrog	Eggs	251 masses
J.C. Boyle Peaking Reach	2491; 2492; 2494	04/04/2002	Pond Breeding		7023	PEM	JS/JV/RR	16:31	16:41	Clear			Treefrog	Adult	1
J.C. Boyle Reservoir	2849	05/24/02	INCIDENTAL			PEM	RT	10:11	10:31	Clear	15		Treefrog	Adult	1
J.C. Boyle Reservoir	2652	4/5/2002	Pond Breeding	Sportsman park	39152	PEM	JS/JV	13:50	14:06	overcast		14	Treefrog	Adults	5
Link River	2891	4/23/2002	Pond Breeding	High water flooded PEM	852	PEM	JS/JV	17:20	17:25	Clear	18		Treefrog		2

Appendix Table 4C-1: Results of amphibian and reptile surveys, 2002

Project Area	Polygon #, Reach, or Reservoir	Date	Survey Method	Additional Notes	Area Searched (m ²)	Habitat	Observers	Start Time	Stop Time	Weather	Air Temp	Water Temp	Species	Life Stage	# of Individuals
PUB	1383	03/22/02	INCIDENTAL	Copco springs; PUB within MXC									Treefrog	Eggs	many
	1484	03/22/02	INCIDENTAL	Copco springs; cascade within PFO		PFO							Treefrog	Adult	2
J.C. Boyle Peaking Reach	2129	06/18/2002	General Wildlife Plot Reptile/Amphibian Survey		3905	RS	RT	12:09	12:30	Partly Cloudy	20		Unident. garter snake	Adult	1
Keno Reservoir	2849	06/27/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	PEM	RT	14:36	14:52	Drizzle	18		Unident. garter snake		1
Iron Gate Reservoir	654	4/1/2002	Pond Breeding	Pond surrounded by RS	335	PUB	JS/JV/RT	14:17	14:23	Clear	29	16	Unknown frog	Adult	1
Iron Gate-Shasta	98; 99	4/1/2002	Pond Breeding	Some river backwater	300	RS	JS/JV/RT	10:46	11:10	Clear	19	15	Unknown frog	Adult	1
J.C. Boyle Bypass	2422	06/18/2002	General Wildlife Plot Reptile/Amphibian Survey		10,000	PGL	AK	15:17	15:35	Clear			Unknown lizard		1
J.C. Boyle Peaking Reach	1992	06/18/2002	General Wildlife Plot Reptile/Amphibian Survey		10,000	MHOC	AK	10:30	10:54	Partly Cloudy	16		Unknown lizard		1
J.C. Boyle Peaking Reach	2018	06/19/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	PEM	JS	10:22	10:35	Clear	12		Unknown snake		1
Copco Bypass	1117	06/20/2002	General Wildlife Plot Reptile/Amphibian Survey		10,000	MHO	AK	10:32	10:50	Partly Cloudy	24.5		Western fence lizard		1
Copco Bypass	1216	06/20/2002	General Wildlife Plot Reptile/Amphibian Survey		3600	RD	AK	9:37	9:54	Partly Cloudy	19.5		Western fence lizard		1
Copco Reservoir	1237	06/20/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	J	KHP/JRS	9:34	9:48	Clear	16		Western fence lizard	Adult	1
Copco Reservoir	1288	06/20/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	MXC	DB	11:45	12:15		33		Western fence lizard		1
Copco Reservoir	1342	06/20/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	RD	DB	11:00	11:30	Partly Cloudy	30		Western fence lizard		1
Copco Reservoir	1441	06/20/2002	General Wildlife Plot Reptile/Amphibian Survey	Open clearing	7810	PFO	DB	14:15	14:45		34		Western fence lizard		1
Copco Reservoir	1441	06/20/2002	General Wildlife Plot Reptile/Amphibian Survey	Open clearing	7810	PFO	DB	14:15	14:45		34		Western fence lizard		1
Copco Reservoir	1511	06/20/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	MXC	KHP			Clear	16		Western fence lizard	Adult	1
Fall Creek	1025	06/20/2002	General Wildlife Plot Reptile/Amphibian Survey		2500	PSS	AK	11:07	11:24	Partly Cloudy	26.5		Western fence lizard		1
Fall Creek	1427	06/20/2002	General Wildlife Plot Reptile/Amphibian Survey		3905	RM	RT	13:14	13:38	Clear	31		Western fence lizard	Adult	1
Iron Gate Reservoir	485	06/20/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	MHOJ	KHP/JRS	15:40	15:55	Clear	30		Western fence lizard	Adult	1
Iron Gate Reservoir	902	06/20/2002	General Wildlife Plot Reptile/Amphibian Survey		5,000	PEM	AK	13:18	13:36	Partly Cloudy	29		Western fence lizard		1
Iron Gate Reservoir	962	06/20/2002	General Wildlife Plot Reptile/Amphibian Survey		7,500	PEM	AK	11:32	11:48	Partly Cloudy	27		Western fence lizard		1
Iron Gate Reservoir	1073	06/21/2002	General Wildlife Plot Reptile/Amphibian Survey		3905	MHOC	RT	8:18	8:32		20.5		Western fence lizard	Adult	1
Iron Gate Reservoir	1073	06/21/2002	General Wildlife Plot Reptile/Amphibian Survey		3905	MHOC	RT	8:18	8:32		20.5		Western fence lizard	Adult	1
Iron Gate Reservoir	1045	4/1/2002	Pond Breeding	PEM margin, rocky and sparse juniper shoreline	500	PEM	JS/JV/RT	16:50	17:07	Clear	27	16	Western fence lizard	Adult	5
Iron Gate Reservoir	778, 677, 656	4/1/2002	Pond Breeding		1000	PSS/RUS	JS/JV/RT	16:06	16:20	Clear	28		Western fence lizard	Adult	1
J.C. Boyle Bypass	J.C. Boyle Canal	05/24/2002	FACILITY survey			DST	RT						Western fence lizard	Adult	3
J.C. Boyle Bypass	J.C. Boyle Canal	06/18/2002	FACILITY survey			DST	RT						Western fence lizard	Adult	1
J.C. Boyle Bypass	2323	06/18/2002	General Wildlife Plot Reptile/Amphibian Survey		3905	RS	RT	13:38	13:56	Clear	22		Western fence lizard		1
J.C. Boyle Bypass	2358	06/18/2002	General Wildlife Plot Reptile/Amphibian Survey		3600	MHOJ	AK	13:35	14:00	Clear	21		Western fence lizard		1
J.C. Boyle Bypass	2412	06/18/2002	General Wildlife Plot Reptile/Amphibian Survey		3905	RS/RD	RT	14:16	14:52	Clear	24		Western fence lizard	Adult	1
J.C. Boyle Bypass	2412	06/18/2002	General Wildlife Plot Reptile/Amphibian Survey		3905	RS/RD	RT	14:16	14:52	Clear	24		Western fence lizard	Adult	1
J.C. Boyle Bypass	2422	06/18/2002	General Wildlife Plot Reptile/Amphibian Survey		10,000	PGL	AK	15:17	15:35	Clear			Western fence lizard		1

Appendix Table 4C-1: Results of amphibian and reptile surveys, 2002

Project Area	Polygon #, Reach, or Reservoir	Date	Survey Method	Additional Notes	Area Searched (m ²)	Habitat	Observers	Start Time	Stop Time	Weather	Air Temp	Water Temp	Species	Life Stage	# of Individuals
J.C. Boyle Bypass	2456	06/18/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	KMC				Partly Cloudy	19		Western fence lizard		1
J.C. Boyle Bypass	2467	06/18/2002	General Wildlife Plot Reptile/Amphibian Survey		2,500	RS	AK	14:25	14:43	Clear	21		Western fence lizard		1
J.C. Boyle Bypass	2475	06/18/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	LP	KP			Partly Cloudy	19		Western fence lizard		1
J.C. Boyle Peaking Reach	737	06/19/2002	General Wildlife Plot Reptile/Amphibian Survey		3905	RS & MHO	RT	11:48	12:10		22		Western fence lizard	Adult	1
J.C. Boyle Peaking Reach	745	06/19/2002	General Wildlife Plot Reptile/Amphibian Survey		10,000	MHO	AK	11:18	11:36	Clear	19.5		Western fence lizard		1
J.C. Boyle Peaking Reach	837	06/19/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	RD	JPV	14:55	15:12		23		Western fence lizard		1
J.C. Boyle Peaking Reach	1064	06/19/2002	General Wildlife Plot Reptile/Amphibian Survey		1,750	RD	AK	10:41	10:59	Clear	19		Western fence lizard		1
J.C. Boyle Peaking Reach	1769	06/19/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	MXC	JPV/PJC	11:58	12:10	Clear	17		Western fence lizard		1
J.C. Boyle Peaking Reach	1876	06/19/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	KMC	JRS/KP/RR	11:44		Clear	18		Western fence lizard	Adult	1
J.C. Boyle Peaking Reach	1876	06/19/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	KMC	JRS/KP/RR	11:44		Clear	18		Western fence lizard	Adult	1
J.C. Boyle Peaking Reach	1876	06/19/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	KMC	JRS/KP/RR	11:44		Clear	18		Western fence lizard	Adult	1
J.C. Boyle Peaking Reach	1876	06/19/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	KMC	JRS/KP/RR	11:44		Clear	18		Western fence lizard	Adult	1
J.C. Boyle Peaking Reach	1876	06/19/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	KMC	JRS/KP/RR	11:44		Clear	18		Western fence lizard	Adult	1
J.C. Boyle Peaking Reach	1876	06/19/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	KMC	JRS/KP/RR	11:44		Clear	18		Western fence lizard	Adult	1
J.C. Boyle Peaking Reach	1933	06/19/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	PEM	JPV/PJC	10:29	10:45	Clear	16		Western fence lizard		1
J.C. Boyle Peaking Reach	1935	06/19/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	GL	JPV/PJC	11:04	11:17		16		Western fence lizard		1
J.C. Boyle Peaking Reach	1982	06/19/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	MHOCP	JPV/PJC	11:33		Clear	16		Western fence lizard		1
J.C. Boyle Peaking Reach	1985	06/19/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	MXC	JRS/KP/RR	12:17		Clear	23		Western fence lizard		1
J.C. Boyle Peaking Reach	1991	06/18/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	PEM	RT	11:03	11:20	Partly Cloudy	22		Western fence lizard	Adult	1
J.C. Boyle Peaking Reach	1992	06/18/2002	General Wildlife Plot Reptile/Amphibian Survey		10,000	MHOC	AK	10:30	10:54	Partly Cloudy	16		Western fence lizard		1
J.C. Boyle Peaking Reach	2003	06/18/2002	General Wildlife Plot Reptile/Amphibian Survey		3905	RG	RT	10:30	10:46	Partly Cloudy	18		Western fence lizard		1
J.C. Boyle Peaking Reach	2034	06/19/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	MHOJ	KHP/JRS			Clear	18		Western fence lizard		1
J.C. Boyle Peaking Reach	2129	06/18/2002	General Wildlife Plot Reptile/Amphibian Survey		3905	RS	RT	12:09	12:30	Partly Cloudy	20		Western fence lizard		1
J.C. Boyle Peaking Reach	2138	06/18/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	MHOC	RT	11:52	12:03	Partly Cloudy	23		Western fence lizard		1
J.C. Boyle Peaking Reach	2163	06/18/2002	General Wildlife Plot Reptile/Amphibian Survey		2,500	RT	AK	12:45	13:10	Partly Cloudy	21		Western fence lizard		1
J.C. Boyle Peaking Reach	2167	06/19/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	PP	JRS/KP/RR	13:15	13:28	Clear	22		Western fence lizard		1
J.C. Boyle Peaking Reach	2267	06/18/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	MHOC	RT	13:02	13:13	Partly Cloudy	23		Western fence lizard	Adult	1
J.C. Boyle Peaking Reach	2279	06/18/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	J	KHP/JRS			Partly Cloudy	19		Western fence lizard		1
J.C. Boyle Peaking Reach	2279	06/18/2002	INCIDENTAL			J							Western fence lizard	Adult	1
J.C. Boyle Peaking Reach	1958	8/28/2002	In-stream survey	Crayfish Creek	300	RUB	KP	12:25	13:45	Clear	28	18	Western fence lizard		3
J.C. Boyle Peaking Reach	1551	4/3/2002	Pond Breeding	PEM, reed canary grass bwn river and pa	2250	PEM	JS/JV/RT	10:03	10:15	Clear	21	12	Western fence lizard	Adult	9
J.C. Boyle Peaking Reach	1804	04/04/2002	Pond Breeding		2981	PEM	JS/JV/RR	10:59	11:12	Clear	26	17	Western fence lizard	Adult	4

Appendix Table 4C-1: Results of amphibian and reptile surveys, 2002

Project Area	Polygon #, Reach, or Reservoir	Date	Survey Method	Additional Notes	Area Searched (m ²)	Habitat	Observers	Start Time	Stop Time	Weather	Air Temp	Water Temp	Species	Life Stage	# of Individuals
J.C. Boyle Peaking Reach	1991	04/04/2002	Pond Breeding		1270	PEM	JS/JV/RR	14:00	14:17	Clear	28	16	Western fence lizard	Adult	2
J.C. Boyle Peaking Reach	2502	04/04/2002	Pond Breeding	Base of J.C. Boyle Dam; some DST habitat	3439	PEM/LUB	JS/JV/RR	15:40	16:10	Clear	27	16	Western fence lizard	Adult	2
J.C. Boyle Reservoir	2582	06/18/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	PP/ER		10:37		Partly Cloudy	18		Western fence lizard		1
Keno Canyon	2576	06/17/2002	General Wildlife Plot Reptile/Amphibian Survey		10,000	RS	RT/AK	10:33	10:55	Partly Cloudy	21		Western fence lizard		1
Keno Canyon	2583	06/17/2002	General Wildlife Plot Reptile/Amphibian Survey		10,000	RS	AK	12:05	12:35	Overcast	21		Western fence lizard		1
Keno Canyon	2742	06/17/2002	General Wildlife Plot Reptile/Amphibian Survey		3905	RG	RT	13:48	14:12	Overcast	19		Western fence lizard		1
Keno Canyon	2742	06/17/2002	General Wildlife Plot Reptile/Amphibian Survey		3905	RG	RT	13:48	14:12	Overcast	19		Western fence lizard		1
Keno Canyon	2543, 2534, 2532	4/23/2002	Pond Breeding	PEM 1/4 mile below keno dam, with some PUB	7184	PEM	JS/JV	14:20	14:50	Clear	18		Western fence lizard		2
Keno Reservoir	Keno Reservoir Dam	06/18/2002	FACILITY survey			DST	DB	14:00	14:30		21		Western fence lizard		1
Keno Reservoir	Keno Reservoir Dam	06/18/2002	FACILITY survey			DST	DB	14:00	14:30		21		Western fence lizard		1
Keno Reservoir	2623	06/17/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	PP	RT	11:50	12:10	Overcast	18		Western fence lizard	Adult	1
Iron Gate-Shasta	98	06/21/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	RS	KHP/JRS	8:25	8:40	Clear	17		Western fence lizard	Adult	1
Iron Gate-Shasta	123	06/21/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	RG	KHP/JRS	8:40	8:53	Clear	18		Western fence lizard	Adult	1
Iron Gate-Shasta	434	3/20/2002	Pond Breeding	Backwater/side channel; choked w/ milfoil; very little cover -	2500	DST	RT/PC	13:27	14:15	Partly Cloudy	27	17	Western fence lizard		2
Copco Reservoir	Copco Reservoir	04/02/02	Pond turtle survey	Littoral rocks		LUB	JV/JS/RT						Western pond turtle	Adult	9
Copco Reservoir	Copco Reservoir	07/10/2002	Pond turtle survey			LUB	JRS			Clear	23		Western pond turtle	A	1
Copco Reservoir	Copco Reservoir	07/10/2002	Pond turtle survey			LUB	JRS			Clear	23		Western pond turtle	A	1
Copco Reservoir	Copco Reservoir	07/10/2002	Pond turtle survey			LUB	JRS			Clear	23		Western pond turtle	A	2
Copco Reservoir	Copco Reservoir	07/10/2002	Pond turtle survey			LUB	JRS			Clear	23		western pond turtle	A	4
Copco Reservoir	Copco Reservoir	07/10/2002	Pond turtle survey			LUB	JRS			Clear	23		Western pond turtle	J	2
Copco Reservoir	Copco Reservoir	07/10/2002	Pond turtle survey			LUB	JRS			Clear	23		Western pond turtle	J	2
Fall Creek	1025, 1027, 994, 1001	4/2/2002	Pond Breeding	Copco No. 2 Village wetland	17597	PEM/PSS/PFO	JS/JV/RT	8:42	9:15	Clear	17	14	Western pond turtle	Adult	5
Fall Creek	8000	05/08/02	Pond turtle survey			PAB	JS/JV	11:40			17		Western pond turtle	Adult	20
Fall Creek	8000	07/10/2002	Pond turtle survey	In wood duck ponds near Copco No. 2 village		PUB	JRS			Clear	22		Western pond turtle		0
Iron Gate Reservoir	Iron Gate Reservoir	07/10/2002	Pond turtle survey			LUB	JRS			Clear	29		Western pond turtle	A	1
Iron Gate Reservoir	Iron Gate Reservoir	07/10/2002	Pond turtle survey			LUB	JRS			Clear	29		Western pond turtle	A	1
Iron Gate Reservoir	Iron Gate Reservoir	07/10/2002	Pond turtle survey			LUB	JRS			Clear	29		Western pond turtle	A	2
Iron Gate Reservoir	Iron Gate Reservoir	07/10/2002	Pond turtle survey	Turtles found on rocks along shore of the reservoir, below bridge near		LUB	JRS			Clear	22		Western pond turtle	A	3
Iron Gate Reservoir	Iron Gate Reservoir	07/10/2002	Pond turtle survey			LUB	JRS			Clear	29		Western pond turtle	A	4
Iron Gate Reservoir	Iron Gate Reservoir	07/10/2002	Pond turtle survey			LUB	JRS			Clear	29		Western pond turtle	A	4
Iron Gate Reservoir	Iron Gate Reservoir	07/10/2002	Pond turtle survey			LUB	JRS			Clear	29		Western pond turtle	J	1
Iron Gate Reservoir	Iron Gate Reservoir	07/10/2002	Pond turtle survey			LUB	JRS			Clear	29		Western pond turtle	J	1
Iron Gate Reservoir	Iron Gate Reservoir	03/29/02	Pond turtle survey	Basking		RUS	RT						Western pond turtle	Adult	1

Appendix Table 4C-1: Results of amphibian and reptile surveys, 2002

Project Area	Polygon #, Reach, or Reservoir	Date	Survey Method	Additional Notes	Area Searched (m ²)	Habitat	Observers	Start Time	Stop Time	Weather	Air Temp	Water Temp	Species	Life Stage	# of Individuals
J.C. Boyle Peaking Reach	2129	04/04/02	Pond turtle survey	On snag over river									Western pond turtle	Adult	6
J.C. Boyle Reservoir	2691	05/22/2002	Pond turtle survey	Log boom near J.C. Boyle dam		LUB	RT						Western pond turtle	Adult	23
J.C. Boyle Reservoir	JC Boyle Reservoir	05/24/02	Pond turtle survey	On boom in lake		LUB	RT	10:11	10:31	Clear	15		Western pond turtle	Adult	1
J.C. Boyle Reservoir	JC Boyle Reservoir	07/09/2002	Pond turtle survey	Entire reservoir		LUB	JRS			Clear	29		Western pond turtle		0
Keno Reservoir	Keno Reservoir Dam	06/18/2002	FACILITY survey			DST	DB	14:00	14:30		21		Western pond turtle		1
Keno Reservoir	2623	06/17/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	PP	RT	11:50	12:10	Overcast	18		Western pond turtle	Adult	1
Keno Reservoir	2623	06/17/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	PP	RT	11:50	12:10	Overcast	18		Western pond turtle	J	1
Keno Reservoir	2623	06/17/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	PP	RT	11:50	12:10	Overcast	18		Western pond turtle		1
Keno Reservoir	2787	06/17/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	RG	KHP/JRS	13:40	13:45	Overcast			Western pond turtle	J	1
Keno Reservoir	2612	4/22/2002	Pond Breeding	Keno reservoir shoreline PEM	36139	PEM	JS/JV	16:12	16:30	Clear	21		Western pond turtle	Adult	19
Keno Reservoir	Keno Reservoir	07/08/2002	Pond turtle survey			LUB	JRS			Clear	16-29		Western pond turtle	A	1
Keno Reservoir	Keno Reservoir	07/08/2002	Pond turtle survey			LUB	JRS			Clear	16-29		Western pond turtle	A	1
Keno Reservoir	Keno Reservoir	07/08/2002	Pond turtle survey	Under tree along shore on log		LUB	JRS			Clear	16-29		Western pond turtle	A	1
Keno Reservoir	Keno Reservoir	07/08/2002	Pond turtle survey			LUB	JRS			Clear	16-29		Western pond turtle	A	1
Keno Reservoir	Keno Reservoir	07/08/2002	Pond turtle survey			LUB	JRS			Clear	16-29		Western pond turtle	A	1
Keno Reservoir	Keno Reservoir	07/08/2002	Pond turtle survey			LUB	JRS			Clear	16-29		Western pond turtle	A	1
Keno Reservoir	Keno Reservoir	07/08/2002	Pond turtle survey			LUB	JRS			Clear	16-29		Western pond turtle	A	1
Keno Reservoir	Keno Reservoir	07/08/2002	Pond turtle survey			LUB	JRS			Clear	16-29		Western pond turtle	A	1
Keno Reservoir	Keno Reservoir	07/08/2002	Pond turtle survey			LUB	JRS			Clear	16-29		Western pond turtle	A	1
Keno Reservoir	Keno Reservoir	07/08/2002	Pond turtle survey			LUB	JRS			Clear	16-29		Western pond turtle	A	1
Keno Reservoir	Keno Reservoir	07/08/2002	Pond turtle survey	Under old telephone lines		LUB	JRS			Clear	16-29		Western pond turtle	A	1
Keno Reservoir	Keno Reservoir	07/08/2002	Pond turtle survey			LUB	JRS			Clear	16-29		Western pond turtle	A	1
Keno Reservoir	Keno Reservoir	07/08/2002	Pond turtle survey			LUB	JRS			Clear	16-29		Western pond turtle	A/J	265
Keno Reservoir	2797	10/8/2002	Pond turtle survey	Keno reservoir between Hwy 66 and Lake Euwana		LUB	JPV/RD			Clear			Western pond turtle	Adult	7
Keno Reservoir	Keno log boom	04/23/2002	Pond turtle survey	Keno reservoir between Hwy 66 and dam		LUB	JPV/JRS			Clear			Western pond turtle	Adult	70
Lake Euwana	Lake Euwana	07/09/2002	Pond turtle survey	Difficult to get access close enough in many areas		LUB	JRS			Clear	19		Western pond turtle		0
Iron Gate-Shasta	129	05/08/02	Pond turtle survey	On boulder on right bank 100 ft from GPS point		Klamathon bridge to Shasta river	GL	JS/JV	15:00				Western pond turtle	Adult	9
PUB	Beaver pond between Fall Creek and Iron Gate	06/21/02	INCIDENTAL	Basking on logs and TYPLAT			PUB	RT					Western pond turtle	Adult	18
Iron Gate Reservoir	677	06/20/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	RS	KHP/JRS	13:15		Clear	27		Western rattlesnake	Adult	1
Iron Gate Reservoir	819	Jun-02	INCIDENTAL	Wanaka springs campground		REC							Western rattlesnake	Adult	4
Iron Gate Reservoir	1136	Jun-02	INCIDENTAL	Jenny Creek campground		REC							Western rattlesnake	Adult	3
J.C. Boyle Bypass	J.C. Boyle Bypass	08/06/2002	electrofishing	Backpack shocker	Entire reach	RUB	Sean Meegan, Erin Van Dehey						Western rattlesnake		0
J.C. Boyle Peaking Reach	837	06/19/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	RD	JPV	14:55	15:12		23		Western rattlesnake		1
J.C. Boyle Peaking Reach	1933	06/19/2002	General Wildlife Plot Reptile/Amphibian Survey		7810	PEM	JPV/PJC	10:29	10:45	Clear	16		Western rattlesnake		1

Appendix Table 4C-1: Results of amphibian and reptile surveys, 2002

Project Area	Polygon #, Reach, or Reservoir	Date	Survey Method	Additional Notes	Area Searched (m ²)	Habitat	Observers	Start Time	Stop Time	Weather	Air Temp	Water Temp	Species	Life Stage	# of Individuals
Fall Creek	Fall Creek Diversion	06/20/2002	FACILITY survey	DST within RM/ROW	600	DST	RT	10:53	11:01	Clear	23		Western terrestrial garter snake	Adult	1
J.C. Boyle Peaking Reach	2129	06/18/2002	General Wildlife Plot Reptile/Amphibian Survey		3905	RS	RT	12:09	12:30	Partly Cloudy	20		Western terrestrial garter snake	Adult	1
Iron Gate Reservoir	1073	06/21/2002	General Wildlife Plot Reptile/Amphibian Survey		3905	MHOC	RT	8:18	8:32		20.5		Western toad	Adult	1
Iron Gate Reservoir	1075; 1021; 1085	4/1/2002	Pond Breeding	Toad beach	14,305	PFO/RUS	JS/JV/RT	14:50	15:15	Clear	28		Western toad	Adult	12
Iron Gate Reservoir	1075; 1021; 1085	4/1/2002	Pond Breeding	Toad beach	14,305	PFO/RUS	JS/JV/RT	14:50	15:15	Clear	28		Western toad	Eggs	Many strings
Iron Gate Reservoir	1075; 1021; 1085	4/25/2002	Pond Breeding	Toad beach	3,958	PFO/RUS	JS/JV	12:08	12:27	Clear			Western toad	Adult	2
Iron Gate Reservoir	1075; 1021; 1085	4/25/2002	Pond Breeding	Toad beach	3,958	PFO/RUS	JS/JV	12:08	12:27	Clear			Western toad	Eggs	5 strings
J.C. Boyle Peaking Reach	1794	03/29/02	INCIDENTAL	Amplexes noted		PUB							Western toad	Adult	5
J.C. Boyle Bypass	J.C. Boyle Canal	06/18/2002	FACILITY survey			DST	RT						Yellow-bellied racer	Adult	1
J.C. Boyle Bypass	J.C. Boyle escape	06/18/2002	FACILITY survey		2,000	MXC/DST	RT	15:20	15:30	Clear	22		Yellow-bellied racer	Adult	1
J.C. Boyle Peaking Reach	652	06/19/2002	General Wildlife Plot Reptile/Amphibian Survey		10,000	PA	AK	11:48	12:05	Clear			Yellow-bellied racer		1
J.C. Boyle Peaking Reach	737	06/19/2002	General Wildlife Plot Reptile/Amphibian Survey		3905	RS & MHO	RT	11:48	12:10		22		Yellow-bellied racer	Adult	1
Keno Canyon	2682	06/17/2002	General Wildlife Plot Reptile/Amphibian Survey		10,000	PP	AK	12:56	12:20	Overcast	20		Yellow-bellied racer		1
Keno Canyon	2752	06/17/02	INCIDENTAL	Seen after reptile survey at the edge of a clearcut on the rim		PP	AK			Cloudy	19		Yellow-bellied racer	Adult	1
Keno Canyon	2682	06/17/2002	INCIDENTAL			PP							Yellow-bellied racer	Dead	1