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**KITIMAT – SUMMIT LAKE NATURAL GAS PIPELINE LOOPING PROJECT**  
**Appendix A**  
***Watercourse Crossing Summary Table***

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Prepared for:

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KSL Project: WATERCOURSE CROSSING SUMMARY TABLE

AAR ID No.	KP	Watercourse Name	Watercourse Type <sup>1</sup>	Mainstem	Watershed	Provincial Class <sup>2</sup>	UTM Coordinates NAD83			Surveys					Species Present <sup>3</sup>			Habitat Potential <sup>4</sup>						Flow (m <sup>3</sup> /s)	Max Channel Width (m)	Gradient (%)	Movement Barrier	Navigability	Fish Sensitivity <sup>5</sup>	Provincial and Federal Timing Windows		
							Zone	Easting	Northing	Fall 05	Winter 06	Summer 06	Fall 06	Spring 07	Fall	Winter	Spring/ Summer	Spring Spawning	Fall Spawning	Rearing	Wintering	Migration	Parent Channel within ZOI							Parent Channel outside ZOI	BC	DFO
ML 1	ML 1.0	Unnamed Channel	Perennial	Kitimat River	Kitimat	TBD	9	519741	5987069	*	*	*	*	*	*	*	L	M	M	M	M	*	Anderson Creek within 1 km downstream from crossing	Neg.	3	0.5	No	No	Moderate	TBD	TBD	
427	0.4	Unnamed Channel	Perennial	Kitimat River	Kitimat	S4	9	518777	5987364	*	*	Y	*	*	*	CCT	L	L	M	L	L	*	Unnamed FB Tributary to the Kitimat River (425) ~300 m DS	*	1.3	4	No	No	Moderate	Aug 1 - Jan 31	Jul 15 - Aug 1	
426a	1.4	Unnamed Channel	Ephemeral	Kitimat River	Kitimat	S5	9	518772	5988365	*	*	Y	*	*	*	*	N	N	N	N	N	*	Unnamed FB Tributary to the Kitimat River (425) ~200 m DS	*	3.3	37	Gradient and dry	No	Low	Open	Open	
425	1.5	Unnamed Channel	Perennial	Kitimat River	Kitimat	S2	9	518801	5988491	Y	*	Y	*	*	RB, CO, DV, CCT	*	CCT, DV, CO	L	L	H	M	H	*	Kitimat River (FB) ~3 km DS	Fall 0.19 Summer 0.046	7.3	6	No	No	High	No Window Available	Jul 15 - Aug 1
426	1.5	Unnamed Channel	Ephemeral	Kitimat River	Kitimat	S5	9	518796	5988484	*	*	Y	*	*	*	*	L	N	L	L	L	*	Unnamed FB Tributary to the Kitimat River (425) ~50 m DS	*	6	10-32	Falls, gradient and dry	No	Low	Open	Open	
424	3.4	NCD	NCD	Kitimat River	Kitimat	NCD	9	519807	5989918	*	*	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open		
423	4.7	Duck Creek	Perennial	Kitimat River	Kitimat	S2	9	520252	5991127	*	*	Y	*	*	*	CO, CAS	L	L	H	H	H	*	Kitimat River ~1 km DS	*	12	1	No	Yes	High	Jun 15 - Aug 31	Jul 15 - Aug 1	
422a	5.4	Unnamed Channel	Perennial	Kitimat River	Kitimat	S2	9	520460	5991701	*	*	Y	*	*	*	CO, CH, CO, TSB	L	L	M	L	L	*	Kitimat River ~1 km DS	*	14	2	No	No	Moderate	No Window Available	Jul 15 - Aug 1	
422	5.4	Unnamed Channel	Seasonal	Kitimat River	Kitimat	S2	9	520486	5991764	Y	*	Y	*	*	CO, TSB, RB	*	CH, CCT, CO, TSB	L/M	L/M	M	L/M	L/M	*	Goose Creek (FB) (421) ~400 m DS	Fall 0.062	8.1	2	No	No	Moderate	No Window Available	Jul 15 - Aug 1
421	5.8	Goose Creek	Perennial	Kitimat River	Kitimat	S2	9	520607	5992108	*	*	Y	*	*	*	CCT, CH	M	M	H	M	M	*	Kitimat River (FB) ~1.2 km DS	*	7.2	4	No	No	High	No Window Available	Jul 15 - Aug 1	
420	6.9	Unnamed Channel	Perennial	Kitimat River	Kitimat	S2	9	521112	5993134	*	*	Y	*	*	*	CCT, CO, CC, TSB	M	M	H	H	H	*	Kitimat River (FB) ~1.9 km DS	*	15	1	No	Yes	High	Aug	Jul 15 - Aug 1	
419	9.2	Unnamed Channel	Perennial	Unnamed tributary to the Kitimat River	Kitimat	S3	9	521196	5995241	*	*	Y	*	*	*	CO, CH, CCT	L	L	M	L/M	L/M	*	Unnamed FB Tributary to the Kitimat River (420) ~100 m DS	*	0.0022	4.2	4	No	No	High	Aug	Jul 15 - Aug 1
418	9.7	Unnamed Channel	Perennial	Unnamed tributary to the Kitimat River	Kitimat	S3	9	520987	5995778	*	*	Y	*	*	*	DV, CCT	M	H	H	M/H	H	*	Unnamed FB Tributary to the Kitimat River (420) ~700 m DS	0.067	4.2	4	No	No	High	Aug	Jul 15 - Aug 1	
417	10.0	Unnamed Channel	Perennial	Unnamed tributary to the Kitimat River	Kitimat	S3	9	520950	5996036	*	*	Y	*	*	*	DV, CCT	H	H	H	M/H	H	*	Unnamed FB Channel (Kitimat Watershed) (418) ~100 m DS	0.013	3.7	5	No	No	High	Aug	Jul 15 - Aug 1	
416a	10.3	Unnamed Channel	Seasonal	Unnamed tributary to the Kitimat River	Kitimat	S5	9	520984	5996328	*	*	Y	*	*	*	*	N	N	L	N	N	*	Unnamed NFB Tributary to the Kitimat River (416) ~100 m DS	*	4.2	5	Dry, perched and hanging culvert	No	Low	Open	Open	
416	10.4	Unnamed Channel	Seasonal	Unnamed tributary to the Kitimat River	Kitimat	S5	9	521020	5996416	*	*	Y	*	*	*	*	L/M	L	L/M	N/L	L/M	*	Unnamed FB Tributary to the Kitimat River ~1.1 km DS; Same channel as 418 which is FB	*	4.5	5-30	Dry, hanging culvert, gradient	No	Low	Open	Open	
415a	11.8	Unnamed Channel	Perennial	Little Wedeene River Side Channel	Kitimat	S6	9	520907	5997710	*	*	Y	*	*	*	No fish captured or observed	N	L	L	L	L	*	Little Wedeene River Wetland (FB) (415) ~500 m DS	*	1.2	2	Subsurface flow DS	No	Low	Open	Open	
415	12.2	Little Wedeene River Wetland	Wetland	Little Wedeene River	Kitimat	W2	9	520869	5998061	*	*	Y	*	TBD	*	No fish captured or observed	N	N	M	L	L	*	Little Wedeene River ~700 m DS	*	*	*	Plugged Culverts	Yes	Low	TBD	Jul 15 - Aug 1	
414	12.9	Little Wedeene River	Perennial	Kitimat River	Kitimat	S1	9	520571	5998645	*	*	Y	*	*	*	RB, CO, CCT, CC, dead CH observed 100 m ds, redds observed 450 m DS	H	H	H	H	H	*	Kitimat River (FB) ~6 km DS	3.67	45	2	No	Yes	High	No Window Available	Jul 15 - Aug 1	
413	14.6	Trout Creek	Perennial	Little Wedeene River	Kitimat	S2	9	520537	6000151	*	*	Y	*	*	*	CCT	H	M/H	H	M/H	H	*	Little Wedeene River (FB) (414) ~5.5 km DS	0.14	10.8	3	No	No	High	Aug 1 - Jan 31	Jul 15 - Aug 1	
RA 412	15.7	NVC	NVC	Wedeene River	Kitimat	NVC	9	520668	6001129	*	*	*	Y	*	*	*	N	N	N	N	N	*	*	*	*	*	None	Open	Open			
RA 411	16.7	Unnamed Channel	Perennial	Wedeene River	Kitimat	S3	9	521388	6001722	*	*	*	Y	*	CH, CO, CCT, DV	*	*	L/M	L/M	H	L	H	Wedeene River ~500 m DS	0.0072	1.8	4	No	No	High	No Window Available	Jul 15 - Aug 1	
RA 410	17.0	Wedeene River	Perennial	Kitimat River	Kitimat	S1	9	521400	6001982	*	*	Y	*	*	*	CO, DV, RB, CC, CCT, CH, redds observed, dead CM	H	H	H	H	H	*	Kitimat River (FB) ~7.5 km DS	*	164	2	No	Yes	High	No Window Available	Jul 15 - Aug 1	

KSL Project: WATERCOURSE CROSSING SUMMARY TABLE

AAR ID No.	KP	Watercourse Name	Watercourse Type <sup>1</sup>	Mainstem	Watershed	Provincial Class <sup>2</sup>	UTM Coordinates NAD83			Surveys					Species Present <sup>3</sup>			Habitat Potential <sup>4</sup>						Flow (m <sup>3</sup> /s)	Max Channel Width (m)	Gradient (%)	Movement Barrier	Navigability	Fish Sensitivity <sup>5</sup>	Provincial and Federal Timing Windows		
							Zone	Easting	Northing	Fall 05	Winter 06	Summer 06	Fall 06	Spring 07	Fall	Winter	Spring/ Summer	Spring Spawning	Fall Spawning	Rearing	Wintering	Migration	Parent Channel within ZOI							Parent Channel outside ZOI	BC	DFO
RA 409	18.3	Unnamed Channel	Seasonal	Wedeeene River	Kitimat	TBD	9	521259	6003201	*	*	*	*	Y	*	*	No fish captured or observed	L	L	M	L	M	Wedeeene River (FB) (RA 410) -500 m DS	*	0.0992	2.6	12	Y	No	TBD	TBD	TBD
RA 408	19.1	Unnamed Channel	TBD	Wedeeene River	Kitimat	TBD	9	521467	6004048	*	*	*	*	TBD	*	*	*	TBD	TBD	TBD	TBD	TBD	Wedeeene River (FB) (RA 410) -500 m DS	*	TBD	TBD	>30	TBD	TBD	Low	Open	Open
RA 407	19.9	Unnamed Channel	TBD	Wedeeene River	Kitimat	TBD	9	521415	6004824	*	*	*	*	TBD	*	*	*	TBD	TBD	TBD	TBD	TBD	Wedeeene River (FB) (RA 410) -800 m DS	*	TBD	TBD	>30	TBD	TBD	Low	Open	Open
RA 406	21.3	Unnamed Channel	TBD	Wedeeene River	Kitimat	TBD	9	521318	6006179	*	*	*	*	TBD	*	*	*	TBD	TBD	TBD	TBD	TBD	Unnamed Tributary to the Wedeeene River (TBD) (RA 405) -100 m DS	*	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
RA 405	21.6	Unnamed Channel	TBD	Wedeeene River	Kitimat	TBD	9	521294	6006421	*	*	*	*	TBD	*	*	*	TBD	TBD	TBD	TBD	TBD	Wedeeene River (FB) (RA 410) -1 km DS	*	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
RA 404	22.7	Unnamed Channel	TBD	Wedeeene River	Kitimat	TBD	9	521463	6007512	*	*	*	*	TBD	*	*	*	TBD	TBD	TBD	TBD	TBD	Unnamed Tributary to the Wedeeene River (TBD) (RA 403) -50 m DS	*	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
RA 403	22.8	Unnamed Channel	TBD	Wedeeene River	Kitimat	TBD	9	521546	6007629	*	*	*	*	TBD	*	*	*	TBD	TBD	TBD	TBD	TBD	Wedeeene River (FB) (RA 410) -1.8 km DS	*	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
RA 402	23.3	Unnamed Channel	TBD	Wedeeene River	Kitimat	TBD	9	521896	6007894	*	*	*	*	TBD	*	*	*	TBD	TBD	TBD	TBD	TBD	Wedeeene River (FB) (RA 410) -1.5 km DS	*	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
RA 401	24.6	Unnamed Channel	TBD	Wedeeene River	Kitimat	TBD	9	522429	6009094	*	*	*	*	TBD	*	*	*	TBD	TBD	TBD	TBD	TBD	Unnamed Tributary to Lone Wolf Creek (FB) (RA 399) -300 m DS	*	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
RA 400	25.4	NVC	NVC	Unnamed Tributary to Lone Wolf Creek	Kitimat	NVC	9	522847	6009756	*	*	*	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	*	None	Open	Open
RA 399	25.6	Unnamed Channel	Perennial	Lone Wolf Creek	Kitimat	S2	9	522962	6009868	*	*	*	Y	*	CH, CO, CCT, DV, observed lamprey	*	*	M/H	M/H	H	L/M	H	*	Lone Wolf Creek (FB) -2.6 km DS	0.011	5.2	4	No	No	High	No Window Available	Jul 15 - Aug 1
RA 398	28.3	NCD	NCD	Cecil Creek	Kitimat	NCD	9	523699	6012397	*	*	*	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open	
RA 397	30.1	Cecil Creek	Perennial	Kitimat River	Kitimat	S2	9	523781	6014163	*	*	Y	Y	*	Juvenile fish observed	*	CO, CCT, DV		H	H	H	H	*	Kitimat River (FB) -11 km DS	0.28	12.8	3	No	No	High	Aug	Jul 15 - Aug 1
RA 396	30.2	NVC	NVC	Cecil Creek	Kitimat	NVC	9	523859	6014221	*	*	*	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open	
379	38.8	Chist Creek	Perennial	Kitimat River	Kitimat	S1	9	532073	6014524	*	*	Y	*	*	*	*	CO, DV, ST, 35 redds counted, CM, PK and SK observed spawning	H	H	M	M	H	*	Kitimat River (FB) -3.5 km DS	2.85	82	3	No	Yes	High	Aug 15 - 31	Jul 15 - Aug 1
378a	39.4	Unnamed Channel	Seasonal	Chist Creek	Kitimat	S6	9	532350	6014089	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	Chist Creek (FB) (379) -400 m DS	*	2.4	9-15	NVC downslope and dry	No	Low	Open	Open
378	39.7	Unnamed Channel	Ephemeral	Chist Creek	Kitimat	S6	9	532497	6013819	*	*	Y	*	*	*	*	*	N	N	N	N	L	Chist Creek (FB) (379) -300 m DS	*	2.8	20	Dry, Falls and Culvert	No	Low	Open	Open	
377z	39.8	NCD	NCD	Chist Creek	Kitimat	NCD	9	532517	6013619	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	*	3	5-12	Perched Culvert	*	Low	Open	Open	
377x	40.6	Unnamed Channel	Seasonal / Intermittent	Chist Creek	Kitimat	S6	9	532798	6012909	*	*	Y	*	*	*	*	*	N	N	N	N	L	Chist Creek (FB) (379) -200 m DS	*	2.8	2	Dry	No	Low	Open	Open	
377w	40.9	Unnamed Channel	Seasonal	Chist Creek	Kitimat	S3	9	532903	6012644	*	*	Y	*	*	*	*	CO, - 100 UN observed	L	L/M	L/M	N	L/M	Chist Creek (FB) (379) -200 m DS	*	2	5	No	No	Moderate	Jun 15 - Aug 31	Jul 15 - Aug 1	
377v	41.5	Unnamed Channel	Perennial	Chist Creek	Kitimat	S3	9	533028	6012063	*	*	Y	*	*	*	*	CO	N	N	N (CO - M)	L/N	L	Chist Creek (FB) (379) -200 m DS	*	4.1	0	Isolated pools	No	Moderate	Jun 15 - Aug 31	Jul 15 - Aug 1	
377u	41.6	Unnamed Channel	Perennial	Kitimat River	Kitimat	S3	9	533098	6011974	*	*	Y	*	*	*	*	CO, RB, CCT	L/M	M	M	L	M	Kitimat River (FB) -200 m DS	*	3.8	4	Culvert at low flow	No	High	Aug	Jul 15 - Aug 1	
377t	41.9	Unnamed Channel	Perennial	Kitimat River	Kitimat	S3	9	533245	6011740	*	*	Y	*	*	*	*	CO, RB, DV	N	N	M	L/M	L/M	Kitimat River (FB) -300 m DS	*	0.0126	2.3	2	Culvert at low and high flow	No	High	Aug	Jul 15 - Aug 1
377s	41.9	Unnamed Wetland	Wetland	Kitimat River	Kitimat	W1	9	533286	6011694	*	*	Y	*	*	*	*	CO	N	N	M	M	L	Kitimat River (FB) -200 m DS	*	*	0	Culvert	No	Moderate	Jun 15 - Aug 31	Jul 15 - Aug 1	

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AAR ID No.	KP	Watercourse Name	Watercourse Type <sup>1</sup>	Mainstem	Watershed	Provincial Class <sup>2</sup>	UTM Coordinates NAD83			Surveys					Species Present <sup>3</sup>			Habitat Potential <sup>4</sup>						Flow (m <sup>3</sup> /s)	Max Channel Width (m)	Gradient (%)	Movement Barrier	Navigability	Fish Sensitivity <sup>5</sup>	Provincial and Federal Timing Windows		
							Zone	Easting	Northing	Fall 05	Winter 06	Summer 06	Fall 06	Spring 07	Fall	Winter	Spring/ Summer	Spring Spawning	Fall Spawning	Rearing	Wintering	Migration	Parent Channel within ZOI							Parent Channel outside ZOI	BC	DFO
377r	43.8	Unnamed Channel	Perennial	Kitimat River	Kitimat	S3	9	534806	6011229	*	*	Y	*	*	*	*	CO, RB, CCT, DV	M	M	H	H	L/M	Kitimat River (FB) ~230 m DS	*	0.018	3.4	14	Culvert during low flow	No	High	Aug	Jul 15 - Aug 1
377q	44.1	Unnamed Channel	Intermittent	Kitimat River	Kitimat	S6	9	535036	6011140	*	*	Y	*	*	*	*	No fish captured or observed	N	N	L	N	L	Kitimat River (FB) ~300 m DS	*	*	1	6	Perched Culvert	No	Low	Open	Open
377p	44.5	Unnamed Channel	Perennial	Kitimat River	Kitimat	S4	9	535375	6010949	*	*	Y	*	*	*	*	CCT, DV, CO	M	M	H	M	M	Kitimat River (FB) ~200 m DS	*	0.0025	1.2	2	No	No	Moderate	Aug	Jul 15 - Aug 1
377	44.6	Unnamed Channel	Ephemeral	Kitimat River	Kitimat	S6	9	535535	6010941	*	*	Y	*	*	*	*	*	L	L	L	N	L	Unnamed Tributary to the Kitimat River (FB) (377p) ~100 m DS	*	*	2.1	6	Dry	No	Low	Open	Open
376z	44.7	NCD	NCD	Kitimat River	Kitimat	NCD	9	535655	6010927	*	*	Y	*	*	*	*	No fish captured or observed	N	N	L/M	M	L	Kitimat River (FB) ~300 m DS	*	*	*	*	*	*	Low	Open	Open
376y	45.0	Unnamed Channel	Intermittent	Kitimat River	Kitimat	S3	9	535909	6010941	*	*	Y	*	*	*	*	CCT	M	M	M	L	M	Kitimat River (FB) ~300 m DS	*	*	1.9	3	No	No	Moderate	Aug 1 - Jan 31	Jul 15 - Aug 1
376x	45.0	NCD	NCD	Kitimat River	Kitimat	NCD	9	535962	6010940	*	*	Y	*	*	*	*	No fish captured or observed	N	N	N	N	N	Kitimat River (FB) ~300 m DS	*	*	0.4	11	*	*	Low	Open	Open
376	45.5	Unnamed Channel	Seasonal	Kitimat River	Kitimat	S5	9	536467	6010999	*	*	Y	*	*	*	*	*	N	N	N	N	N	Kitimat River (FB) ~250 m DS	*	*	3.1	22-40	Gradient and Dry	No	Low	Open	Open
375	46.4	Unnamed Channel	Intermittent	Kitimat River	Kitimat	S5	9	537240	6011057	*	*	Y	*	*	*	*	No fish captured or observed	M	M	M	N	L/M	Kitimat River (FB) ~100 m DS	*	*	4.6	6-45	Gradient	No	Low	Open	Open
374	47.4	Unnamed Channel	Seasonal	Kitimat River	Kitimat	S5	9	538184	6011283	*	*	Y	*	*	*	*	*	N	N	N	N	N	Kitimat River (FB) ~200 m DS	*	*	5.5	42	Gradient and Dry	No	Low	Open	Open
373	47.9	Unnamed Channel	Perennial	Kitimat River	Kitimat	S3	9	538674	6011361	*	*	Y	*	*	*	*	CO, CCT	L	L	M	N	L	Kitimat River (FB) ~200 m DS	*	0.0067	3.7	6-40	Gradient	No	Moderate	Aug	Jul 15 - Aug 1
372	48.3	Unnamed Channel	Ephemeral	Kitimat River	Kitimat	S6	9	539074	6011338	*	*	Y	*	*	*	*	No fish captured or observed	N	N	N	N	N	Kitimat River (FB) ~125 m DS	*	*	2.5	38-50	Gradient and Dry	No	Low	Open	Open
371	48.9	Unnamed Channel	Perennial	Kitimat River	Kitimat	S4	9	539616	6011504	*	*	Y	*	*	*	*	CO	N	N	N	N	N	Kitimat River (FB) ~300 m DS	*	0.0063	1	1-41	Gradient	No	Low	Jun 15 - Aug 31	Jul 15 - Aug 1
370	49.6	Unnamed Channel	Intermittent	Kitimat River	Kitimat	S5	9	540277	6011415	*	*	Y	*	*	*	*	No fish captured or observed	L	L	M	L	N/L	Kitimat River (FB) ~250 m DS	*	0.0014	3.7	15-51	Gradient and Dry	No	Low	Open	Open
369	50.0	NVC	NVC	Kitimat River	Kitimat	NVC	9	540584	6011664	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open	
368	50.0	NVC	NVC	Kitimat River	Kitimat	NVC	9	540622	6011689	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open	
367z	50.1	NCD	NCD	Kitimat River	Kitimat	NCD	9	540671	6011711	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open	
367	50.4	Unnamed Channel	Perennial	Kitimat River	Kitimat	S3	9	540921	6011779	*	*	Y	*	*	*	*	CCT, CO juveniles observed	M	M	H	M	M	Kitimat River (FB) ~180 m DS	*	0.018	4	8	No	No	High	Aug	Jul 15 - Aug 1
366	50.7	NVC	NVC	Kitimat River	Kitimat	NVC	9	541187	6012039	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open	
365z	50.8	NCD	NCD	Kitimat River	Kitimat	NCD	9	541290	6012082	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	41	*	*	Low	Open	Open
365	51.1	Unnamed Channel	Seasonal	Kitimat River	Kitimat	S5	9	541540	6012180	*	*	Y	*	*	*	*	*	N	N	N	N	N	Kitimat River (FB) ~150 m DS	*	*	3.8	44	Gradient and Dry	No	Low	Open	Open
364	51.2	Unnamed Channel	Seasonal	Kitimat River	Kitimat	S6	9	541573	6012205	*	*	Y	*	*	*	*	*	N	N	N	N	N	Kitimat River (FB) ~200 m DS	*	*	1.6	37	Gradient, Dry and Perched Culvert	No	Low	Open	Open
363	51.3	NVC	NVC	Kitimat River	Kitimat	NVC	9	541697	6012314	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open	
362	51.4	Unnamed Channel	Intermittent	Kitimat River	Kitimat	S6	9	541792	6012371	*	*	Y	*	*	*	*	*	N	N	L	N	N	Kitimat River (FB) ~200 m DS	*	*	1.8	35-55	Gradient	No	Low	Open	Open

KSL Project: WATERCOURSE CROSSING SUMMARY TABLE

AAR ID No.	KP	Watercourse Name	Watercourse Type <sup>1</sup>	Mainstem	Watershed	Provincial Class <sup>2</sup>	UTM Coordinates NAD83			Surveys					Species Present <sup>3</sup>			Habitat Potential <sup>4</sup>						Flow (m <sup>3</sup> /s)	Max Channel Width (m)	Gradient (%)	Movement Barrier	Navigability	Fish Sensitivity <sup>5</sup>	Provincial and Federal Timing Windows		
							Zone	Easting	Northing	Fall 05	Winter 06	Summer 06	Fall 06	Spring 07	Fall	Winter	Spring/ Summer	Spring Spawning	Fall Spawning	Rearing	Wintering	Migration	Parent Channel within ZOI							Parent Channel outside ZOI	BC	DFO
361	51.5	NVC	NVC	Kitimat River	Kitimat	NVC	9	541834	6012360	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open	
360	51.9	Unnamed Channel	Perennial	Kitimat River	Kitimat	S6	9	542242	6012444	*	*	Y	*	*	*	*	N	N	N	N	N	Kitimat River (FB) ~200 m DS	*	0.0052	2.4	40-80	Gradient	No	Low	Open	Open	
359	52.0	Unnamed Channel	Perennial	Kitimat River	Kitimat	S6	9	542345	6012477	*	*	Y	*	*	*	*	N	N	N	N	N	Kitimat River (FB) ~200 m DS	*	0.0061	1.7	52-60	Gradient and Perched Culvert	No	Low	Open	Open	
358	52.2	NCD	NCD	Kitimat River	Kitimat	NCD	9	542555	6012448	*	*	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	55-75	Gradient	*	Low	Open	Open	
357	52.6	Unnamed Channel	Perennial	Kitimat River	Kitimat	S6	9	542912	6012515	*	*	Y	*	*	*	*	N	N	N	N	N	Kitimat River (FB) ~400 m DS	*	0.0197	2.3	30-80	Gradient	No	Low	Open	Open	
356e	52.9	Unnamed Channel	Perennial	Kitimat River	Kitimat	S5	9	543135	6012506	*	*	Y	*	*	*	*	N	N	N	N	N	Kitimat River (FB) ~260 m DS	*	0.039	3.2	65	Gradient	No	Low	Open	Open	
356w	52.9	Unnamed Channel	Perennial	Kitimat River	Kitimat	S6	9	543135	6012506	*	*	Y	*	*	*	*	N	N	N	N	N	Kitimat River (FB) ~260 m DS	*	0.039	2	40-80	Gradient	No	Low	Open	Open	
355	52.9	NVC	NVC	Kitimat River	Kitimat	NVC	9	543252	6012488	*	*	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open		
354	53.1	NVC	NVC	Kitimat River	Kitimat	NVC	9	543444	6012495	*	*	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open		
353	53.2	NVC	NVC	Kitimat River	Kitimat	NVC	9	543554	6012551	*	*	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open		
352	53.4	Unnamed Channel	Perennial	Kitimat River	Kitimat	S6	9	543716	6012583	*	*	Y	*	*	*	*	N	N	N	N	N	Kitimat River (FB) ~200 m DS	*	0.011	1.4	55-70	Gradient (2m falls downstream)	No	Low	Open	Open	
351	53.7	NVC	NVC	Kitimat River	Kitimat	NVC	9	544025	6012662	*	*	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open		
350z	53.8	Unnamed Channel	Perennial	Kitimat River	Kitimat	S6	9	544073	6012651	*	*	Y	*	*	*	*	N	N	N	N	N	Kitimat River (FB) ~200 m DS	*	0.012	1	55-60	Gradient	No	Low	Open	Open	
350	54.1	Unnamed Channel	Perennial	Kitimat River	Kitimat	S5	9	544392	6012602	*	*	Y	*	*	*	*	N	N	N	N	N	Kitimat River (FB) ~250 m DS	*	0.15	4	48-85	Gradient	No	Low	Open	Open	
349	54.2	NVC	NVC	Kitimat River	Kitimat	NVC	9	544497	6012582	*	*	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open		
348z	54.3	Unnamed Channel	Ephemeral	Kitimat River	Kitimat	S6	9	544651	6012511	*	*	Y	*	*	*	*	N	N	N	N	N	Kitimat River (FB) ~200 m DS	*	*	1	50	Gradient and dry	No	Low	Open	Open	
348	54.5	Unnamed Channel	Perennial	Kitimat River	Kitimat	S6	9	544709	6012477	*	*	Y	*	*	*	*	N	N	N	N	N	Kitimat River (FB) ~200 m DS	*	0.0029	1.5	53-60	Gradient	No	Low	Open	Open	
347	54.7	NVC	NVC	Kitimat River	Kitimat	NVC	9	544900	6012296	*	*	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open		
346	54.9	NVC	NVC	Kitimat River	Kitimat	NVC	9	545082	6012168	*	*	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open		
345	55.2	NVC	NVC	Kitimat River	Kitimat	NVC	9	545316	6012022	*	*	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open		
344	55.7	NVC	NVC	Kitimat River	Kitimat	NVC	9	545757	6011888	*	*	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open		
343	56.0	NVC	NVC	Kitimat River	Kitimat	NVC	9	546035	6011871	*	*	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open		
342	56.1	NVC	NVC	Kitimat River	Kitimat	NVC	9	546181	6011830	*	*	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open		
341	56.5	Unnamed Channel	Intermittent / Seasonal	Kitimat River	Kitimat	TBD	9	546449	6011723	*	*	Y	*	*	*	*	No fish captured or observed	L	L	L	N	N	Kitimat River (FB) ~200 m DS	*	<-0.5	4.6	5-55	No	No	Low	Open	Open

KSL Project: WATERCOURSE CROSSING SUMMARY TABLE

AAR ID No.	KP	Watercourse Name	Watercourse Type <sup>1</sup>	Mainstem	Watershed	Provincial Class <sup>2</sup>	UTM Coordinates NAD83			Surveys					Species Present <sup>3</sup>			Habitat Potential <sup>4</sup>						Flow (m <sup>3</sup> /s)	Max Channel Width (m)	Gradient (%)	Movement Barrier	Navigability	Fish Sensitivity <sup>5</sup>	Provincial and Federal Timing Windows	
							Zone	Easting	Northing	Fall 05	Winter 06	Summer 06	Fall 06	Spring 07	Fall	Winter	Spring/ Summer	Spring Spawning	Fall Spawning	Rearing	Wintering	Migration	Parent Channel within ZOI							Parent Channel outside ZOI	BC
340	56.6	NVC	NVC	Kitimat River	Kitimat	NVC	9	546675	6011678	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open
339	56.8	NVC	NVC	Kitimat River	Kitimat	NVC	9	546876	6011613	*	*	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open	
338	57.1	Unnamed Channel	Perennial	Kitimat River	Kitimat	S2	9	547081	6011471	*	*	Y	*	*	*	CCT	M	M	H	M	H	Kitimat River (FB) -500 m DS	*	0.049	6.2	6	No	No	High	Aug 1 - Jan 31	Jul 15 - Aug 1
337	57.4	NVC	NVC	Kitimat River	Kitimat	NVC	9	547402	6011487	*	*	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open	
336	57.5	Unnamed Channel	Perennial	Kitimat River	Kitimat	S5	9	547490	6011486	*	*	Y	*	*	*	*	N	N	L	N	N	Kitimat River (FB) -500 m DS	*	0.0067	4.1	12-65	Gradient and perched culvert	No	Low	Open	Open
335	57.7	Unnamed Channel	Perennial	Kitimat River	Kitimat	S3	9	547682	6011392	*	*	Y	*	*	*	DV	M	M	M	M	L	Kitimat River (FB) -400 m DS	*	0.033	4	6-24	Falls	No	Moderate	Jun 1 - Aug 31	Jul 15 - Aug 1
334	58.1	NVC	NVC	Kitimat River	Kitimat	NVC	9	547990	6011301	*	*	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open	
333	58.2	NVC	NVC	Kitimat River	Kitimat	NVC	9	548069	6011285	*	*	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open	
332	58.5	NVC	NVC	Kitimat River	Kitimat	NVC	9	548374	6011151	*	*	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open	
331	58.8	NVC	NVC	Kitimat River	Kitimat	NVC	9	548667	6010985	*	*	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open	
330	59.3	NVC	NVC	Kitimat River	Kitimat	NVC	9	549294	6010786	*	*	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open	
329z	59.5	Unnamed Channel	Perennial	Kitimat River	Kitimat	S5	9	549346	6010785	*	*	Y	*	*	*	*	N	N	N	N	N	Kitimat River (FB) -180 m DS	*	0.011	3.1	27-50	Gradient	No	Low	Open	Open
329	59.6	NCD	NCD	Kitimat River	Kitimat	NCD	9	549438	6010758	*	*	Y	*	*	*	*	N	N	N	N	N	Kitimat River (FB) -200 m DS	*	*	1.5	8	*	*	Low	Open	Open
328	59.8	Unnamed Channel	Perennial	Kitimat River	Kitimat	S2	9	549572	6010653	*	*	Y	*	*	*	CCT, CO observed	M	M	M	L/M	M	Kitimat River (FB) -160 m DS	*	0.055	6	10-22	No	No	High	Aug	Jul 15 - Aug 1
327	59.9	NVC	NVC	Kitimat River	Kitimat	NVC	9	549685	6010577	*	*	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open	
326	60.4	Unnamed Channel	Intermittent	Hunter Creek	Kitimat	S5	9	550044	6010351	*	*	Y	*	*	*	*	L	L	L	N	M	Hunter Creek (FB) -200 m	*	0.032	8.1	12	Subsurface Flow and Falls	No	Low	Open	Open
324z	60.9	Unnamed Channel	Intermittent	Hunter Creek	Kitimat	TBD	9	550421	6010032	*	*	Y	*	*	*	*	N	N	L	N	H	Hunter Creek (FB) -100 m DS	*	< 0.5	3.5	8-25	No	No	Low	TBD	TBD
324	61.4	Unnamed Channel	Intermittent	Hunter Creek	Kitimat	TBD	9	550746	6009648	*	*	Y	*	*	*	*	N	N	N	N	N	Hunter Creek (FB) -150 m	*	<1	0.15	47	TBD	No	Low	TBD	TBD
323z	61.5	Unnamed Channel	Perennial	Hunter Creek	Kitimat	S6	9	550802	6009555	*	*	Y	*	*	*	*	N	N	N	N	N	Hunter Creek (FB) -230 m DS	*	0.0071	2.1	25-70	Gradient and falls	No	Low	Open	Open
323y	61.7	Unnamed Channel	Perennial	Hunter Creek	Kitimat	S6	9	550931	6009331	*	*	Y	*	*	*	*	N	N	N	N	N	Hunter Creek (FB) -110 m DS	*	*	0.57	35-65	Gradient and falls	No	Low	Open	Open
323x	62.0	Unnamed Channel	Perennial	Hunter Creek	Kitimat	S5	9	551081	6009165	*	*	Y	*	*	*	*	N	N	N	N	N	Hunter Creek (FB) -70 m DS	*	0.022	3.3	42-72	Gradient, falls and culvert	No	Low	Open	Open
323	62.1	NVC	NVC	Kitimat River	Kitimat	NVC	9	551178	6009081	*	*	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open	
321z	63.0	Unnamed Channel	Intermittent	Hunter Creek	Kitimat	S6	9	551944	6008719	*	*	Y	*	*	*	*	N	N	N	N	N	Hunter Creek (FB) -200 m DS	*	0.012	2.25	17-34	Gradient	No	Low	Open	Open

KSL Project: WATERCOURSE CROSSING SUMMARY TABLE

AAR ID No.	KP	Watercourse Name	Watercourse Type <sup>1</sup>	Mainstem	Watershed	Provincial Class <sup>2</sup>	UTM Coordinates NAD83			Surveys					Species Present <sup>3</sup>			Habitat Potential <sup>4</sup>						Flow (m <sup>3</sup> /s)	Max Channel Width (m)	Gradient (%)	Movement Barrier	Navigability	Fish Sensitivity <sup>5</sup>	Provincial and Federal Timing Windows		
							Zone	Easting	Northing	Fall 05	Winter 06	Summer 06	Fall 06	Spring 07	Fall	Winter	Spring/ Summer	Spring Spawning	Fall Spawning	Rearing	Wintering	Migration	Parent Channel within ZOI							Parent Channel outside ZOI	BC	DFO
321	63.4	Hunter Creek	Perennial	Kitimat River	Kitimat	S1	9	552281	6008631	*	*	Y	*	*	*	*	CO, CH, DV, FB/ST, ST, spawning CM, PK and SK -2 km DS	M	M	M	M	H	*	Kitimat River (FB) 1.8 km DS	4.25	46	5	No	Yes	High	No Window Available	Jul 15 - Aug 1
320	63.8	NVC	NVC	Kitimat River	Kitimat	NVC	9	552423	6008270	*	*	Y	*	*	*	*		N	N	N	N	N	*	*	*	*	*	*	None	Open	Open	
319	65.5	NVC	NVC	Kitimat River	Kitimat	NVC	9	553859	6007273	*	*	Y	*	*	*	*		N	N	N	N	N	*	*	*	*	*	*	None	Open	Open	
318	66.1	NVC	NVC	Kitimat River	Kitimat	NVC	9	554336	6006872	*	*	Y	*	*	*	*		N	N	N	N	N	*	*	*	*	*	*	None	Open	Open	
317	66.3	Unnamed Channel	Intermittent	Kitimat River	Kitimat	S6	9	554521	6006736	*	*	Y	*	*	*	*		N	N	N	N	N	*	Kitimat River (FB) 2 km DS	0.015	0.4	32-42	Gradient	No	Low	Open	Open
316	67.0	NVC	NVC	Hoult Creek	Kitimat	NVC	9	555112	6006361	*	*	Y	*	*	*	*		N	N	N	N	N	*	*	*	*	*	*	None	Open	Open	
315z	67.3	Unnamed Channel	Perennial	Hoult Creek	Kitimat	S5	9	555405	6006285	*	*	Y	*	*	*	*	No fish captured or observed	M	M	M/H	L/M	M	Hoult Creek (FB) -900 m DS	*	0.0194	3.7	12-65	2.5 m falls and Gradient	No	Low	Open	Open
312	67.9	Unnamed Channel	Intermittent	Hoult Creek	Kitimat	S6	9	555944	6006051	*	*	Y	*	*	*	*		N	N	N	N	N	Unnamed Tributary to Hoult Creek (NFB) (315z) -400 m DS	*	(<0.0005)	0.2	35-70	Gradient	No	Low	Open	Open
311z	68.0	Unnamed Channel	Intermittent	Hoult Creek	Kitimat	S6	9	555971	6006035	*	*	Y	*	*	*	*		N	N	N	N	N	Unnamed Tributary to Hoult Creek (NFB) (315z) -400 m DS	*	0.0146	1.57	30-60	Gradient	No	Low	Open	Open
311y	68.0	Unnamed Channel	Intermittent	Hoult Creek	Kitimat	S6	9	555984	6006027	*	*	Y	*	*	*	*		N	N	N	N	N	Unnamed Tributary to Hoult Creek (NFB) (315z) -400 m DS	*	(<0.0005)	0.72	28-34	Gradient	No	Low	Open	Open
311	68.1	Unnamed Channel	Perennial	Hoult Creek	Kitimat	S6	9	556017	6006007	*	*	Y	*	*	*	*		N	N	N	N	N	Unnamed Tributary to Hoult Creek (NFB) (315z) -400 m DS	*	0.025	1.53	30-34	Gradient	No	Low	Open	Open
310z	68.2	Unnamed Channel	Intermittent	Hoult Creek	Kitimat	S6	9	556197	6005946	*	*	Y	*	*	*	*		N	N	N	N	N	Hoult Creek (FB) -430m DS	*	(<0.0005)	0.12	36	Gradient	No	Low	Open	Open
310y	68.4	Unnamed Channel	Seasonal	Hoult Creek	Kitimat	S6	9	556311	6005883	*	*	Y	*	*	*	*		N	N	N	N	N	Hoult Creek (FB) -430m DS	*	*	1.21	29-48	Gradient and Dry	No	Low	Open	Open
310	68.9	NVC	NVC	Hoult Creek	Kitimat	NVC	9	556863	6005805	*	*	Y	*	*	*	*		N	N	N	N	N	*	*	*	*	*	*	None	Open	Open	
309	69.0	NVC	NVC	Hoult Creek	Kitimat	NVC	9	556961	6005796	*	*	Y	*	*	*	*		N	N	N	N	N	*	*	*	*	*	*	None	Open	Open	
308	69.5	Unnamed Channel	Seasonal	Hoult Creek	Kitimat	S5	9	557389	6005810	*	*	Y	*	*	*	*		N	N	N	N	N	Hoult Creek (FB) -200 m DS	*	*	5.2	54	Gradient	No	Low	Open	Open
307	69.6	NVC	NVC	Hoult Creek	Kitimat	NVC	9	557515	6005838	*	*	Y	*	*	*	*		N	N	N	N	N	*	*	*	*	*	*	None	Open	Open	
306	69.7	NVC	NVC	Hoult Creek	Kitimat	NVC	9	557659	6005871	*	*	Y	*	*	*	*		N	N	N	N	N	*	*	*	*	*	*	None	Open	Open	
304z	69.8	Unnamed Channel	Seasonal	Hoult Creek	Kitimat	S5	9	557731	6005843	*	*	Y	*	*	*	*		N	N	N	N	N	Hoult Creek (FB) -150 m DS	*	*	8.1	40-48	Gradient and dry	No	Low	Open	Open
304	69.9	NVC	NVC	Hoult Creek	Kitimat	NVC	9	557830	6005860	*	*	Y	*	*	*	*		N	N	N	N	N	*	*	*	*	*	*	None	Open	Open	
303	70.1	NVC	NVC	Hoult Creek	Kitimat	NVC	9	557977	6005835	*	*	Y	*	*	*	*		N	N	N	N	N	*	*	*	*	*	*	None	Open	Open	
302	70.2	NVC	NVC	Hoult Creek	Kitimat	NVC	9	558082	6005815	*	*	Y	*	*	*	*		N	N	N	N	N	*	*	*	*	*	*	None	Open	Open	
301	70.3	NVC	NVC	Hoult Creek	Kitimat	NVC	9	558205	6005809	*	*	Y	*	*	*	*		N	N	N	N	N	*	*	*	*	*	*	None	Open	Open	
300	70.5	NVC	NVC	Hoult Creek	Kitimat	NVC	9	558423	6005780	*	*	Y	*	*	*	*		N	N	N	N	N	*	*	*	*	*	*	None	Open	Open	

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AAR ID No.	KP	Watercourse Name	Watercourse Type <sup>1</sup>	Mainstem	Watershed	Provincial Class <sup>2</sup>	UTM Coordinates NAD83			Surveys					Species Present <sup>3</sup>			Habitat Potential <sup>4</sup>						Flow (m <sup>3</sup> /s)	Max Channel Width (m)	Gradient (%)	Movement Barrier	Navigability	Fish Sensitivity <sup>5</sup>	Provincial and Federal Timing Windows			
							Zone	Easting	Northing	Fall 05	Winter 06	Summer 06	Fall 06	Spring 07	Fall	Winter	Spring/ Summer	Spring Spawning	Fall Spawning	Rearing	Wintering	Migration	Parent Channel within ZOI							Parent Channel outside ZOI	BC	DFO	
299	70.8	NVC	NVC	Hoult Creek	Kitimat	NVC	9	586654	6005698	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open		
298	71.2	NVC	NVC	Hoult Creek	Kitimat	NVC	9	588997	6005785	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open		
297	71.2	NVC	NVC	Hoult Creek	Kitimat	NVC	9	559078	6005850	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open		
296	72.0	NVC	NVC	Hoult Creek	Kitimat	NVC	9	559771	6006011	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open		
295	72.2	Unnamed Channel	Intermittent	Hoult Creek	Kitimat	S5	9	560064	6006037	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	Hoult Creek (FB) -300 m DS	*	0.0103	4.8	18-65	Dry	No	Low	Open	Open
294z	72.4	Unnamed Channel	Intermittent	Hoult Creek	Kitimat	S5	9	560159	6006107	*	*	Y	*	*	*	*	*	N	N	L/N	N	L	Hoult Creek (FB) -300 m DS	*	0.0103	9.5	13-35	Intermittent Flow	No	Low	Open	Open	
294y	72.6	Unnamed Channel	Seasonal	Hoult Creek	Kitimat	S6	9	560337	6006332	*	*	Y	*	*	*	*	*	N	N	N	N	N	Hoult Creek (FB) -150 m DS	*	*	0.4	55-60	Gradient and dry	No	Low	Open	Open	
294	73.1	Unnamed Channel	Perennial	Hoult Creek	Kitimat	S5	9	560711	6006469	*	*	Y	*	*	*	*	*	N	N	N	N	N	Hoult Creek (FB) -200 m DS	*	0.0167	3.11	42-60	Gradient	No	Low	Open	Open	
293z	73.1	Unnamed Channel	Intermittent	Hoult Creek	Kitimat	S6	9	560754	6006466	*	*	Y	*	*	*	*	*	N	N	N	N	N	Hoult Creek (FB) -300 m DS	*	(<0.0005)	1.3	44	Gradient	No	Low	Open	Open	
293	73.5	NVC	NVC	Hoult Creek	Kitimat	NVC	9	561101	6006599	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open		
292	73.7	NVC	NVC	Hoult Creek	Kitimat	NVC	9	561354	6006622	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open		
291	74.0	Unnamed Channel	Perennial	Hoult Creek	Kitimat	TBD	9	561654	6006586	*	*	Y	*	TBD	*	*	No fish captured or observed	L	L	L/M	L	M	Hoult Creek (FB) -300 m DS	*	0.287	8.8	15	No	No	TBD	TBD	TBD	
290	74.1	Unnamed Channel	Intermittent	Hoult Creek	Kitimat	S6	9	561696	6006601	*	*	Y	*	*	*	*	*	N	N	N	N	N	Hoult Creek (FB) -300 m DS	*	(<0.0005)	1.8	47	Gradient	No	Low	Open	Open	
289	74.3	Unnamed Channel	Intermittent	Hoult Creek	Kitimat	S6	9	561688	6006763	*	*	Y	*	*	*	*	*	N	N	N	N	N	Hoult Creek (FB) -400 m DS	*	(<0.0005)	2.2	42-65	Gradient	No	Low	Open	Open	
288	75.7	Unnamed Channel	Seasonal	Hoult Creek	Kitimat	S6	9	561600	6007820	*	*	*	Y	*	*	*	*	N	N	N	N	N	*	Hoult Creek (FB) -1.8 km DS	*	*	44	Gradient	No	Low	Open	Open	
287	76.1	Unnamed Channel	Seasonal	Hoult Creek	Kitimat	S6	9	561980	6008000	*	*	*	Y	*	*	*	*	N	N	N	N	N	*	Hoult Creek (FB) -1.8 km DS	*	*	>30	Gradient	No	Low	Open	Open	
286	76.3	Unnamed Channel	Seasonal	Hoult Creek	Kitimat	S6	9	562040	6008100	*	*	*	Y	*	*	*	*	N	N	N	N	N	*	Hoult Creek (FB) -1.3 km DS	*	*	>30	Gradient	No	Low	Open	Open	
285	76.3	Unnamed Channel	Seasonal	Hoult Creek	Kitimat	S6	9	562120	6008110	*	*	*	Y	*	*	*	*	N	N	N	N	N	*	Hoult Creek (FB) -1.3 km DS	*	*	>30	Gradient	No	Low	Open	Open	
284	76.4	Unnamed Channel	Seasonal	Hoult Creek	Kitimat	S6	9	562190	6008230	*	*	*	Y	*	*	*	*	N	N	N	N	N	*	Unnamed Tributary to Hoult Creek (NFB) -300 m DS (283)	*	*	>30	Gradient	No	Low	Open	Open	
283	76.7	Unnamed Channel	Seasonal	Hoult Creek	Kitimat	S6	9	562320	6008430	*	*	*	Y	*	*	*	*	N	N	N	N	N	*	Unnamed Channel (NFB) -600 m DS (285)	*	*	>30	Gradient	No	Low	Open	Open	
282	77.4	Unnamed Channel	Seasonal	Hoult Creek	Kitimat	S6	9	562780	6008860	*	*	*	Y	*	*	*	*	N	N	N	N	N	*	Hoult Creek (FB) -1 km DS	*	*	-40	Gradient	No	Low	Open	Open	
281	78.7	Unnamed Channel	Seasonal	Hoult Creek	Kitimat	S6	9	563740	6009500	*	*	*	Y	*	*	*	*	N	N	N	N	N	*	Hoult Creek (FB) -1.3 km DS	*	*	>30	Gradient	No	Low	Open	Open	
280	80.3	Unnamed Pond	Seasonal	Unnamed Tributary to Clore River	Skeena	W1	9	565250	6009560	*	*	*	Y	*	*	*	*	N	N	N	N	N	*	Unnamed Tributary to the Clore River (NFB) -2.2 km DS	*	*	>30	Gradient	No	Low	Open	Open	
279	80.5	Unnamed Channel	Seasonal	Unnamed Tributary to Clore River	Skeena	S6	9	565350	6009700	*	*	*	Y	*	*	*	*	N	N	N	N	N	*	Unnamed Tributary to the Clore River (NFB) -2 km DS	*	*	>30	Gradient	No	Low	Open	Open	



KSL Project: WATERCOURSE CROSSING SUMMARY TABLE

AAR ID No.	KP	Watercourse Name	Watercourse Type <sup>1</sup>	Mainstem	Watershed	Provincial Class <sup>2</sup>	UTM Coordinates NAD83			Surveys					Species Present <sup>3</sup>			Habitat Potential <sup>4</sup>						Flow (m <sup>3</sup> /s)	Max Channel Width (m)	Gradient (%)	Movement Barrier	Navigability	Fish Sensitivity <sup>5</sup>	Provincial and Federal Timing Windows		
							Zone	Easting	Northing	Fall 05	Winter 06	Summer 06	Fall 06	Spring 07	Fall	Winter	Spring/ Summer	Spring Spawning	Fall Spawning	Rearing	Wintering	Migration	Parent Channel within ZOI							Parent Channel outside ZOI	BC	DFO
278	81.0	Unnamed Channel	Seasonal	Unnamed tributary to the Clore River	Skeena	S5	9	565567	6010174	*	*	Y	*	*	*	*	No fish captured or observed	N/L	N/L	L	N/L	N/L	*	Unnamed Tributary to the Clore River (NFB) -1.4 km DS	*	4	16-35	Gradient	No	Low	Open	Open
276	83.4	NVC	NVC	Clore River	Skeena	NVC	9	567392	6011466	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open	
275	84.0	Unnamed Channel	Seasonal	Clore River	Skeena	S6	9	567790	6011074	*	*	Y	*	*	*	*	*	N	N	N	N	N	Clore River (FB) -300 m DS	*	*	2.8	36-60	Gradient, dry, perched culvert	No	Low	Open	Open
274	84.2	Unnamed Channel	Seasonal	Clore River	Skeena	S6	9	567793	6010899	*	*	Y	*	*	*	*	*	N	N	N	N	N	Clore River (FB) -300 m DS	*	*	2.2	38-68	Gradient, dry, perched culvert	No	Low	Open	Open
273	84.3	Unnamed Channel	Seasonal	Clore River	Skeena	S5	9	567741	6010731	*	*	Y	*	*	*	*	*	N	N	N	N	N	Clore River (FB) -300 m DS	*	*	4.7	32-50	Gradient, dry, perched culvert	No	Low	Open	Open
272	84.5	Unnamed Channel	Perennial	Clore River	Skeena	S5	9	567754	6010606	*	*	Y	*	*	*	*	*	N	N	N	N	N	Clore River (FB) -300 m DS	*	0.196	3.66	18-73	Gradient	No	Low	Open	Open
272z	84.6	Unnamed Channel	Seasonal	Clore River	Skeena	S6	9	567762	6010545	*	*	Y	*	*	*	*	*	N	N	N	N	N	Clore River (FB) -300 m DS	*	*	1.05	22-34	Gradient and Subsurface Flow	No	Low	Open	Open
271	84.6	Unnamed Channel	Intermittent	Clore River	Skeena	S6	9	567771	6010483	*	*	Y	*	*	*	*	*	N	N	N	N	N	Clore River (FB) -300 m DS	*	0.0023	2.2	30-70	Gradient	No	Low	Open	Open
270	84.6	NVC	NVC	Clore River	Skeena	NVC	9	567788	6010454	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open	
269	84.7	NVC	NVC	Clore River	Skeena	NVC	9	567809	6010421	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open	
268	84.9	Unnamed Channel	Seasonal	Clore River	Skeena	S6	9	567933	6010199	*	*	Y	*	*	*	*	*	N	N	N	N	N	Clore River (FB) -300 m DS	*	(<0.0005)	2.8	40-45	Gradient	No	Low	Open	Open
267z	85.2	Unnamed Channel	Seasonal	Clore River	Skeena	S6	9	568102	6009946	*	*	Y	*	*	*	*	*	N	N	N	N	N	Clore River (FB) -300 m DS	*	*	2.2	42-60	Gradient	No	Low	Open	Open
267	85.3	NVC	NVC	Clore River	Skeena	NVC	9	568118	6009905	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open	
266	85.5	Unnamed Channel	Seasonal	Clore River	Skeena	S6	9	568210	6009768	*	*	Y	*	*	*	*	*	N	N	N	N	N	Clore River (FB) -290 m DS	*	*	2.5	32-41	Gradient	No	Low	Open	Open
265	85.6	Unnamed Channel	Seasonal	Clore River	Skeena	S6	9	568251	6009654	*	*	Y	*	*	*	*	*	N	N	N	N	N	Clore River (FB) -300 m DS	*	*	2.35	28-32	Dry and gradient	No	Low	Open	Open
264	85.6	NVC	NVC	Clore River	Skeena	NVC	9	568280	6009585	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open	
263	85.7	Unnamed Channel	Seasonal	Clore River	Skeena	S6	9	568307	6009526	*	*	Y	*	*	*	*	*	N	N	N	N	N	Clore River (FB) -180 m DS	*	*	2.8	34-110	Gradient	No	Low	Open	Open
262	85.8	NVC	NVC	Clore River	Skeena	NVC	9	568331	6009450	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open	
261	86.0	Unnamed Channel	Perennial	Clore River	Skeena	S6	9	568454	6009252	*	*	Y	*	*	*	*	*	N	N	N	N	N	Clore River (FB) -180 m DS	*	0.0029	2.36	38-90	Gradient	No	Low	Open	Open
260	86.1	NVC	NVC	Clore River	Skeena	NVC	9	568496	6009225	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open	
259	86.3	Unnamed Channel	Perennial	Clore River	Skeena	S6	9	568689	6009055	*	*	Y	*	*	*	*	*	N	N	N	N	N	Clore River (FB) -200 m DS	*	0.003	2.2	28-98	Gradient	No	Low	Open	Open
258	86.4	Unnamed Channel	Seasonal	Clore River	Skeena	S6	9	568745	6008970	*	*	Y	*	*	*	*	*	N	N	L	N	N	Clore River (FB) -200 m DS	*	0.0017	1.75	6-110	Gradient	No	Low	Open	Open
257	86.6	NVC	NVC	Clore River	Skeena	NVC	9	568818	6008843	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open	
256	86.7	NVC	NVC	Clore River	Skeena	NVC	9	568917	6008719	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open	

KSL Project: WATERCOURSE CROSSING SUMMARY TABLE

AAR ID No.	KP	Watercourse Name	Watercourse Type <sup>1</sup>	Mainstem	Watershed	Provincial Class <sup>2</sup>	UTM Coordinates NAD83			Surveys					Species Present <sup>3</sup>			Habitat Potential <sup>4</sup>						Flow (m <sup>3</sup> /s)	Max Channel Width (m)	Gradient (%)	Movement Barrier	Navigability	Fish Sensitivity <sup>5</sup>	Provincial and Federal Timing Windows			
							Zone	Easting	Northing	Fall 05	Winter 06	Summer 06	Fall 06	Spring 07	Fall	Winter	Spring/ Summer	Spring Spawning	Fall Spawning	Rearing	Wintering	Migration	Parent Channel within ZOI							Parent Channel outside ZOI	BC	DFO	
255	87.1	NVC	NVC	Cloze River	Skeena	NVC	9	569099	6008460	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open		
254	87.3	Unnamed Channel	Seasonal	Cloze River	Skeena	S6	9	569203	6008292	*	*	Y	*	*	*	*	N	N	N	N	N	Cloze River (FB) -240 m DS	*	*	2.3	9-130	Dry and gradient	No	Low	Open	Open		
252	87.5	Unnamed Channel	Perennial	Cloze River	Skeena	S5	9	569303	6008046	*	*	Y	*	*	*	*	No fish captured or observed	L	L	M	L	N	Cloze River (FB) -300 m DS	*	0.23	10.2	10-16	40 m Fall	No	Low	Open	Open	
242	88.5	Cloze River	Perennial	Zymoetz River	Skeena	S1	9	569788	6007423	*	*	*	*	*	*	*	TBD	TBD	TBD	TBD	TBD	*	Zymoetz River (FB) -33 km DS	*	*	*	TBD	*	TBD	No Window Available	TBD		
241d	91.7	Unnamed Channel	Seasonal	Cloze River	Skeena	S5	9	571780	6008093	*	*	Y	*	*	*	*	L	L	L	L	L	*	Cloze River (FB) -2.2 km DS	*	*	>80	Gradient and falls	No	Low	Open	Open		
241c	92.8	Unnamed Pond	Seasonal	Unnamed Tributary to Cloze River	Skeena	W1	9	572656	6007600	*	*	Y	*	*	*	*	L	L	L	N	L	*	Unnamed Channel (NFB) -300 m DS (241b)	*	*	>30	Gradient	No	Low	Open	Open		
241b	93.0	Unnamed Channel	Seasonal	Unnamed Tributary to Cloze River	Skeena	S6	9	572802	6007459	*	*	Y	*	*	*	*	L	L	L	L	L	*	Unnamed Tributary to the Cloze River (NFB) -1.7 km DS (241d)	*	*	>30	Gradient	No	Low	Open	Open		
241a	96.9	Unnamed Channel	Seasonal	Unnamed Tributary to Burnie River	Skeena	S6	9	576096	6005710	*	*	Y	*	*	*	*	L	L	L	L	L	*	Unnamed Tributary to the Burnie River -300 m DS (NFB)	*	*	>30	Gradient	No	Low	Open	Open		
241	99.6	Burnie River	Perennial	Cloze River	Skeena	S1	9	578052	6004112	*	*	Y	*	*	*	*	RB, DV	M	H	H	H	H	*	Cloze River (FB) -4 km DS	*	80	4	No	Yes	High	No Window Available	TBD	
240a	100.1	Unnamed pond	Seasonal	Burnie River	Skeena	W2	9	578486	6004011	*	*	Y	*	*	*	*	L	L	L	N	L	*	Burnie River (FB) -400 m DS	*	*	>30	Gradient	No	Low	Open	Open		
240	100.7	Unnamed Channel	Seasonal	Unnamed Tributary to the Burnie River	Skeena	S6	9	579078	6003838	*	*	Y	*	*	*	*	N/L	N/L	L	N	N/L	*	Unnamed Tributary to the Burnie River -1.4 km DS (FB)	*	1.6	28-46	Gradient and Subsurface Flow	No	Low	Open	Open		
239	102.2	NCD	NCD	Unnamed Tributary to the Burnie River	Skeena	NCD	9	580293	6004159	*	*	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	*	Low	Open	Open		
238a	102.3	Unnamed Channel	Seasonal	Unnamed Tributary to the Burnie River	Skeena	TBD	9	580383	6004211	*	*	Y	*	TBD	*	*	*	L	L	L/M	L	L/M	*	Unnamed Tributary to the Burnie River -400 m DS (FB)	*	0.8	4	Dry	No	TBD	TBD	TBD	
237	102.6	Unnamed Channel	Seasonal	Unnamed Tributary to the Burnie River	Skeena	TBD	9	580693	6004234	*	*	Y	*	TBD	*	*	*	L/M	L/M	L/M	L	L/M	*	Unnamed Tributary to the Burnie River -400 m DS (FB)	*	1.8	4	Dry	No	TBD	TBD	TBD	
236	103.6	Unnamed Channel	Seasonal	Unnamed Tributary to the Burnie River	Skeena	S5	9	581620	6003957	*	*	Y	*	*	*	*	N/L	N/L	L	N	L	Unnamed Lake -100 m DS (NFB) (outlet is an Unnamed Tributary to the Burnie River FB)	*	*	3	18-45	Dry, Gradient and 1.4 m Fall	No	Low	Open	Open		
235	104.0	Unnamed Channel	Seasonal	Unnamed Tributary to the Burnie River	Skeena	S6	9	582021	6003868	*	*	Y	*	*	*	*	L	L	L	N	L	Unnamed Lake -300 m DS (outlet is an Unnamed Tributary to the Burnie River FB)	*	*	2.6	5-28	Subsurface flow	No	Low	Open	Open		
234	104.6	Unnamed Channel	Ephemeral	Unnamed Tributary to Gosnell Creek	Skeena	S4	9	582611	6003767	*	*	Y	*	*	*	*	DV	L	L	L	N	L	Unnamed Lake (FB) (outlet is Tributary to Gosnell Creek (FB)(RA 222)) -120 m DS	*	1.1	5	Dry	No	Low	Jun 15 - Aug 31	see province		
233	105.2	Unnamed Channel	Ephemeral	Unnamed Tributary to Gosnell Creek	Skeena	S6	9	583225	6003852	*	*	Y	Y	*	*	*	*	L	L	L	L	L	Unnamed Lake (FB) (outlet is Tributary to Gosnell Creek (FB)(RA 222)) -200 m DS	*	2.6	24-35	Dry and gradient	No	Low	Open	Open		
232	106.1	Unnamed Channel	Intermittent	Unnamed Tributary to Gosnell Creek	Skeena	S6	9	584042	6003749	*	*	Y	Y	*	*	No fish captured or observed	*	No fish captured or observed	L	L	L	L	L	*	Unnamed Tributary to Gosnell Creek (FB) (RA 222) -1.5 km DS	0.0033	2.6	8-17	Intermittent Flow, falls	No	Low	Open	Open
231	106.6	Unnamed Channel	Perennial	Unnamed Tributary to Gosnell Creek	Skeena	S2	9	584439	6003884	*	*	Y	*	*	*	*	BT/DV	H	H	H/M	M	M	*	Unnamed Tributary to Gosnell Creek (FB) (RA 222) -1.6 km DS	0.048	4.7	7-15	No	No	High	Jun 15 - Aug 31	see province	
230	106.7	NCD	NCD	Unnamed Tributary to Gosnell Creek	Skeena	NCD	9	584568	6003907	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	No	Low	Open	Open		
229	106.9	Unnamed Channel	Perennial	Unnamed Tributary to Gosnell Creek	Skeena	S5	9	584792	6003939	*	*	Y	Y	*	*	No fish captured or observed	*	No fish captured or observed	M	M	M	M	M	*	Unnamed Tributary to Gosnell Creek (FB) (RA 222) -1.6 km DS	0.0238	4.9	8	No	*	Low	Open	Open
227	107.1	Unnamed Channel	Ephemeral	Unnamed Tributary to Gosnell Creek	Skeena	S6	9	584928	6004018	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	Unnamed Channel (FB) (Gosnell Creek Watershed (FB) (RA 224)) -800 m DS	*	0.5	14-24	Dry, gradient, NCD sections	No	Low	Open	Open	

KSL Project: WATERCOURSE CROSSING SUMMARY TABLE

AAR ID No.	KP	Watercourse Name	Watercourse Type <sup>1</sup>	Mainstem	Watershed	Provincial Class <sup>2</sup>	UTM Coordinates NAD83			Surveys					Species Present <sup>3</sup>			Habitat Potential <sup>4</sup>						Flow (m <sup>3</sup> /s)	Max Channel Width (m)	Gradient (%)	Movement Barrier	Navigability	Fish Sensitivity <sup>5</sup>	Provincial and Federal Timing Windows		
							Zone	Easting	Northing	Fall 05	Winter 06	Summer 06	Fall 06	Spring 07	Fall	Winter	Spring/ Summer	Spring Spawning	Fall Spawning	Rearing	Wintering	Migration	Parent Channel within ZOI							Parent Channel outside ZOI	BC	DFO
226	107.6	Unnamed Channel	Perennial	Unnamed Tributary to Gosnell Creek	Skeena	S6	9	585423	6004190	*	*	Y	*	*	*	*	N	N	N	N	N	*	Unnamed Channel (FB) (Gosnell Creek Watershed (FB)) (RA 224) -400 m DS	*	1.4	26-72	Gradient, hanging culvert	No	Low	Open	Open	
RA 224	108.0	Unnamed Channel	Intermittent	Unnamed Tributary to Gosnell Creek	Skeena	S6	9	585702	6004519	*	*	Y	Y	*	No fish observed or captured	*	*	L/M	L/M	L/M	L	L	*	Unnamed Tributary to Gosnell Creek (FB) (RA 222) -1.1 km DS	0.035	1.5	8-15	1.5 m fall and Dry sections	No	Low	Open	Open
RA 222	109.3	Unnamed Channel	Perennial	Gosnell Creek	Skeena	S2	9	586875	6004943	*	*	Y	Y	*	Rearing fish observed	*	CO, RB	H	H	H	H	L/M	*	Gosnell Creek (FB) - 1 km DS	Summer 0.18	12	1	*	Yes	High	No Window Available	see province
222z	109.5	Unnamed Channel	Perennial	Unnamed Tributary to Gosnell Creek	Skeena	S3	9	587101	6004943	*	*	*	Y	*	Juvenile salmonids observed	*	*	L	L	H	M	M	Unnamed Tributary to Gosnell Creek (RA 222) (FB) -100 m DS	*	5	0.5	No	No	High	No Window Available	see province	
RA 221	109.8	Gosnell Creek Side Channel	Perennial	Gosnell Creek	Skeena	S2	9	587413	6004948	*	*	Y	Y	*	No fish observed	*	CO, RB/ST	M/H	M/H	H	M	M/H	Gosnell Creek (FB) -300 m DS	*	Summer 0.023	16	1	No	Yes	High	No Window Available	see province
RA 220	110.0	Gosnell Creek	Perennial	Morice River	Skeena	S1	9	587554	6004913	*	*	Y	Y	*	observed CO spawning and redds	*	RB, BT/DV	H	H	H	H	M/H	*	Morice River (FB) -32 km DS	Summer 0.754	22	1	No	Yes	High	No Window Available	see province
219	110.7	NCD	NCD	Unnamed Tributary to Gosnell Creek	Skeena	NCD	9	588248	6004747	*	*	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	*	Low	Open	Open	
218	111.7	NCD	NCD	Unnamed Tributary to Gosnell Creek	Skeena	NCD	9	589175	6004500	*	*	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	*	Low	Open	Open	
217	112.1	Unnamed Channel	Perennial	Gosnell Creek	Skeena	S2	9	589537	6004405	*	*	Y	*	*	*	DV, CT, CH	L/M	M	H	M	H	*	Gosnell Creek (FB) -3.3 km DS	0.02	6	1	No	No	High	No Window Available	see province	
216	112.9	Unnamed Channel	Intermittent	Unnamed Tributary to Gosnell Creek	Skeena	S6	9	590333	6004602	*	*	Y	*	*	No fish captured or observed	*	*	N	N	L	L	L	*	Unnamed Tributary to Gosnell Creek (FB) (217) -1.2 km DS	*	1.4	3	Dry and 3 m Cascade Fall	No	Low	Open	Open
215	113.6	Unnamed Channel	Intermittent	Gosnell Creek	Skeena	S6	9	590953	6004449	*	*	Y	Y	*	No fish captured or observed	*	*	L	L	L	L	L	*	Gosnell Creek (FB) -4.1 km DS	*	2.6	5	Dry	No	Low	Open	Open
214	114.2	Unnamed Channel	Intermittent	Unnamed Tributary to Gosnell Creek	Skeena	S5	9	591502	6004507	*	*	Y	Y	*	No fish captured or observed	*	*	L	L	L	L	L	*	Unnamed Tributary to Gosnell Creek (FB) (215) -1.5 km DS	0.011	7.2	6	Dry DS	No	Low	Open	Open
213a	114.5	Unnamed Channel	Ephemeral	Unnamed Tributary to Gosnell Creek	Skeena	S6	9	591831	6004634	*	*	Y	Y	*	*	*	L	L	L	L	L	*	Unnamed Channel (NFB) (Gosnell Creek Watershed (FB)) (213) -600 m DS	*	2.7	6	Dry	No	Low	Open	Open	
213	115.3	Unnamed Channel	Ephemeral	Unnamed Tributary to Gosnell Creek	Skeena	S5	9	592537	6004776	*	*	Y	Y	*	*	*	L	L	L	L	L	*	Unnamed Tributary to Gosnell Creek (FB) (215) -2.5 km DS	*	9.05	10	Dry	No	Low	Open	Open	
212	116.1	Unnamed Channel	Intermittent	Gosnell Creek	Skeena	S6	9	593262	6004986	*	*	Y	Y	*	No fish captured or observed	*	*	L	L	L	L	L	*	Gosnell Creek (FB) -7.0 km DS	*	1.75	10-21	Dry, gradient and 1.3 m Fall	No	Low	Open	Open
211a	116.4	Unnamed Channel	Ephemeral	Unnamed Tributary to Gosnell Creek	Skeena	S6	9	593593	6005116	*	*	Y	*	*	No fish captured or observed	*	*	L	L	L	L	L	Unnamed Channel (NFB) (Gosnell Creek Watershed (FB)) (211) -100 m DS	*	1.3	3-15	No	No	Low	Open	Open	
211	116.5	Unnamed Channel	Perennial	Unnamed Tributary to Gosnell Creek	Skeena	S6	9	593665	6005175	*	*	Y	*	*	No fish captured or observed	*	*	L/M	L/M	L/M	L	L/M	Unnamed Tributary to Gosnell Creek (FB) (212) -125 m DS	*	0.0135	1	6-15	Subsurface flow	No	Low	Open	Open
210c	116.7	Unnamed Channel	Perennial	Unnamed Tributary to Gosnell Creek	Skeena	S6	9	593823	6005263	*	*	Y	*	*	No fish captured or observed	*	*	L	L	L	L	L	*	Unnamed Tributary to Gosnell Creek (FB) (212) -300 m DS	0.0026	0.8	9	NCD DS	No	Low	Open	Open
210b	116.8	Unnamed Channel	Perennial	Unnamed Tributary to Gosnell Creek	Skeena	S6	9	593905	6005303	*	*	Y	*	*	No fish captured or observed	*	*	L	L	L	L	L	*	Unnamed Tributary to Gosnell Creek (FB) (212) -300 m DS	0.0036	0.8	7-19	Subsurface flow	No	Low	Open	Open
210a	116.9	Unnamed Channel	Perennial	Unnamed Tributary to Gosnell Creek	Skeena	S6	9	593960	6005324	*	*	Y	*	*	No fish captured or observed	*	*	L	L	L	L	L	*	Unnamed Tributary to Gosnell Creek (FB) (212) -300 m DS	*	0.8	14	Subsurface flow	No	Low	Open	Open
210	116.9	Unnamed Channel	Perennial	Unnamed Tributary to Gosnell Creek	Skeena	TBD	9	593992	6005312	*	*	Y	Y	TBD	No fish captured or observed	*	*	M	L	M	N	L	Unnamed Tributary to Gosnell Creek (FB) (212) -300 m DS	*	0.055	2.7	11-20	Steps	No	TBD	TBD	TBD
209z	117.0	Unnamed Channel	Seasonal	Unnamed Tributary to Gosnell Creek	Skeena	S3	9	594055	6005346	*	*	Y	*	*	*	DV	L	L	M	N	M	Unnamed Tributary to Gosnell Creek (FB) (212) -300 m DS	*	0.013	2.4	9	No	No	Moderate	Jun 15 - Aug 31	see province	
209	117.2	Unnamed Channel	Ephemeral	Unnamed Tributary to Gosnell Creek	Skeena	S6	9	594244	6005492	*	*	Y	Y	*	*	*	L	L	L	N	L	*	Unnamed Tributary to Gosnell Creek (FB) (212) -400 m DS	*	1.7	11	Dry	No	Low	Open	Open	

KSL Project: WATERCOURSE CROSSING SUMMARY TABLE

AAR ID No.	KP	Watercourse Name	Watercourse Type <sup>1</sup>	Mainstem	Watershed	Provincial Class <sup>2</sup>	UTM Coordinates NAD83			Surveys					Species Present <sup>3</sup>			Habitat Potential <sup>4</sup>						Flow (m <sup>3</sup> /s)	Max Channel Width (m)	Gradient (%)	Movement Barrier	Navigability	Fish Sensitivity <sup>5</sup>	Provincial and Federal Timing Windows		
							Zone	Easting	Northing	Fall 05	Winter 06	Summer 06	Fall 06	Spring 07	Fall	Winter	Spring/ Summer	Spring Spawning	Fall Spawning	Rearing	Wintering	Migration	Parent Channel within ZOI							Parent Channel outside ZOI	BC	DFO
208z	117.5	Unnamed Channel	Seasonal	Unnamed Tributary to Gosnell Creek	Skeena	S6	9	594451	6005699	*	*	Y	Y	*	No fish captured or observed	*	No fish captured or observed	L	L	L	L	L	*	Unnamed Tributary to Gosnell Creek (FB) (212) -500 m DS	*	2.7	14	No	No	Low	Open	Open
208	118.5	NCD	NCD	Unnamed Tributary to Gosnell Creek	Skeena	NCD	9	595338	6006158	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open	
207z	118.9	Unnamed Channel	Ephemeral	Unnamed Tributary to Gosnell Creek	Skeena	S5	9	595769	6006119	*	*	Y	Y	*	*	*	N	N	N	N	N	*	Unnamed Channel (FB) (207) (Gosnell Creek Watershed) -800 m DS	*	8.3	4	Dry	No	Low	Open	Open	
207	119.1	Unnamed Channel	Perennial	Unnamed Tributary to Gosnell Creek	Skeena	S3	9	595901	6006063	*	*	Y	Y	*	*	*	DV	M	M	H	L	H	*	Unnamed Tributary to Gosnell Creek (FB) (206) -400 m DS	0.119	2.8	9	No	No	High	Jun 15 - Aug 31	see province
206	119.8	Unnamed Channel	Seasonal	Unnamed Tributary to Gosnell Creek	Skeena	S3	9	596612	6006119	*	*	Y	Y	*	*	*	DV	M	M	H	L	H	*	Gosnell Creek (FB) -4.3 km DS	0.0039	2.5	6	No	No	High	Jun 15 - Aug 31	see province
205	119.9	Unnamed Channel	Perennial	Unnamed Tributary to Gosnell Creek	Skeena	S3	9	596749	6006166	*	*	Y	*	*	*	*	DV	M	M	H	L	H	*	Unnamed Tributary to Gosnell Creek (FB) (206) -500 m DS	0.0078	2.6	4	No	No	High	Jun 15 - Aug 31	see province
204	121.4	NCD	NCD	Unnamed Tributary to Gosnell Creek	Skeena	NCD	9	598123	6006307	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open	
203	121.4	Unnamed Channel	Perennial	Unnamed Tributary to Gosnell Creek	Skeena	S3	9	598157	6006310	*	*	Y	Y	*	*	*	DV	H	H	L	H	H	Unnamed Lake (NFB) -300 m DS (Gosnell Creek Watershed)	*	*	5	5	No	No	High	Jun 15 - Aug 31	see province
202	122.5	NVC	NVC	Unnamed Tributary to Gosnell Creek	Skeena	NVC	9	599151	6006738	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open	
201	124.5	Crystal Creek	Perennial	Gosnell Creek	Skeena	S1	9	601065	6006760	*	*	Y	*	*	*	*	RB, UN	L	L	M	M	M	*	Gosnell Creek (FB) -4.6 km DS	1.112	20.1	3	No	Yes	Moderate	Sep 1 - Jan 31	see province
200	125.0	Unnamed Channel	Ephemeral	Crystal Creek	Skeena	S6	9	601540	6006802	*	*	Y	Y	*	*	*	*	L	L	L	L	L	*	Crystal Creek (FB) -1.7 km DS	*	*	*	Dry	No	Low	Open	Open
199	125.1	NVC	NVC	Crystal Creek	Skeena	NVC	9	601665	6006828	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open	
198	126.7	NVC	NVC	Gosnell Creek	Skeena	NVC	9	603214	6006984	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open	
197z	127.8	Unnamed Channel	Intermittent	Morice River	Skeena	S6	9	604298	6006610	*	*	Y	Y	*	*	*	*	L	L	L	L	L	*	Gosnell Creek (FB) -1.8 km DS	*	1.5	*	Dry	No	Low	Open	Open
197	128.2	NVC	NVC	Morice River	Skeena	NVC	9	604623	6006488	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open	
196	129.8	NVC	NVC	Morice River	Skeena	NVC	9	606128	6006289	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open	
195	130.4	Unnamed Channel	Perennial	Morice River	Skeena	S3	9	606692	6006189	*	*	Y	*	*	*	*	RB, CO, UN	L	L	H	L	H	Morice River (FB) -250 m DS	*	*	2.1	3	No	No	Moderate	No Window Available	see province
194	130.6	Morice River	Perennial	Bulkley River	Skeena	S1	9	606865	6006112	*	*	Y	*	*	*	*	CAS, CO, RB/ST, DV, SK, PK	H	H	H	H	H	*	Bulkley River (FB) -75 km DS	See monitoring station	67	2	No	Yes	High	No Window Available	see province
193	131.1	NCD	NCD	Morice River	Skeena	NCD	9	607314	6006148	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open	
192	131.5	Unnamed Channel	Seasonal	Morice River	Skeena	S6	9	607713	6006191	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	Morice River (FB) -700 m DS	*	*	>35	Dry, perched culvert, gradient	No	Low	Open	Open
191	132.3	NVC	NVC	Morice River	Skeena	NVC	9	608410	6006582	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open	
190	132.4	Unnamed Channel	Seasonal	Morice River	Skeena	S6	9	608557	6006630	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	Morice River (FB) -1.0 km DS	*	*	>30	Gradient	No	Low	Open	Open
189	132.9	NVC	NVC	Morice River	Skeena	NVC	9	609036	6006748	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open	
188	133.6	NVC	NVC	Morice River	Skeena	NVC	9	609697	6006760	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open	

KSL Project: WATERCOURSE CROSSING SUMMARY TABLE

AAR ID No.	KP	Watercourse Name	Watercourse Type <sup>1</sup>	Mainstem	Watershed	Provincial Class <sup>2</sup>	UTM Coordinates NAD83			Surveys					Species Present <sup>3</sup>			Habitat Potential <sup>4</sup>						Flow (m <sup>3</sup> /s)	Max Channel Width (m)	Gradient (%)	Movement Barrier	Navigability	Fish Sensitivity <sup>5</sup>	Provincial and Federal Timing Windows			
							Zone	Easting	Northing	Fall 05	Winter 06	Summer 06	Fall 06	Spring 07	Fall	Winter	Spring/ Summer	Spring Spawning	Fall Spawning	Rearing	Wintering	Migration	Parent Channel within ZOI							Parent Channel outside ZOI	BC	DFO	
187	133.9	NCD	NCD	Morice River	Skeena	NCD	9	609926	6006754	*	*	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	*	Perched culvert	*	Low	Open	Open		
186	133.9	NCD	NCD	Morice River	Skeena	NCD	9	609964	6006757	*	*	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	*	Low	Open	Open		
185	136.3	NCD	NCD	Morice River	Skeena	NCD	9	612146	6006033	*	*	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open			
184	137.4	Unnamed Channel	Seasonal	Morice River	Skeena	S2	9	613210	6005489	*	*	Y	*	*	*	DV	M	M	H	L	M	*	*	Morice River (FB) -2.7 km DS	*	6	4	Dry	No	High	Jun 15 - Aug 31	see province	
183	137.7	NCD	NCD	Unnamed Tributary to the Morice River	Skeena	NCD	9	613507	6005520	*	*	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open			
RA 181	140.0	Unnamed Channel	TBD	Morice River	Skeena	TBD	9	615520	6004544	*	*	*	*	*	*	*	TBD	TBD	TBD	TBD	TBD	*	*	Morice River (FB) -1.7 km DS	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
RA 180	140.7	Unnamed Channel	TBD	Morice River	Skeena	TBD	9	616182	6004503	*	*	*	*	*	*	*	TBD	TBD	TBD	TBD	TBD	*	*	Morice River (FB) -1.6 km DS	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
RA 179	142.7	Cedric Creek	Seasonal	Morice River	Skeena	TBD	9	618126	6004873	*	*	*	Y	*	*	*	L	L	N/L	N	L	*	*	Morice River (FB) -1.2 km DS	*	5.8	2	Intermittent Flow	No	Low	TBD	TBD	
RA 178	144.5	NCD	NCD	Morice River	Skeena	NCD	9	619952	6005234	*	*	*	Y	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open			
177z	146.4	Unnamed Channel	Ephemeral	Morice River	Skeena	S3	9	621773	6004873	*	*	Y	*	*	*	CO	L	L (CO-M)	L (CO-H)	L	M	*	*	Morice River (FB) -600 m DS	*	2.2	2	At low flow	No	Moderate	Jul 1 - Aug 31	see province	
177zy	147.3	NVC	NVC	Morice River	Skeena	NVC	9	622599	6004711	*	*	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open			
177	147.8	Unnamed Channel	Perennial	Morice River	Skeena	S3	9	623091	6004757	*	Y	Y	*	*	*	No fish observed	UN	L/M	M	M	L	L	Morice River (FB) -100 m DS	*	2.1	6-18	Perched culvert	No	Moderate	Open			
RA176z	149.2	Unnamed Channel	Ephemeral	Morice River	Skeena	S6	9	624514	6004824	*	*	*	Y	*	*	*	N	N	N	N	L	*	*	Morice River (FB) -1.2 km DS	*	2.1	4	Dry	No	Low	Open	Open	
RA 176	149.9	Lamprey Creek	Perennial	Morice River	Skeena	S2	9	625155	6004753	*	Y	Y	Y	*	*	(No fish observed - 1 km DS)	(DV, PL, RB, CO, LNC, UN captured - 1 km DS)	L	L	H	M	H	*	*	Morice River (FB) -1.5 km DS	0.42	16.9	3	No	No	High	No Window Available	see province
RA 175c	150.4	NCD	NCD	Lamprey Creek	Skeena	NCD	9	625619	6004873	*	*	*	Y	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open			
RA 175b	150.9	Unnamed Channel	Perennial	Lamprey Creek	Skeena	S3	9	626065	6005148	*	*	*	Y	*	*	CT	*	*	L	L	H	L	H	*	Lamprey Creek (FB) -1.3 km DS (RA 176)	0.0048	3.4	7	No	No	Moderate	Sep 1 - Dec 31	see province
RA 175a	153.0	NCD	NCD	Morice River	Skeena	NCD	9	628054	6005652	*	*	*	Y	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open			
RA 175	154.6	Unnamed Channel	Perennial	RA 174b	Skeena	S3	9	629636	6005733	*	*	*	Y	*	*	DV, RB	*	*	M	M	H	L	H	Unnamed FB Tributary to the Morice River -200 m DS (RA 174b)	*	0.015	4.1	6	No	No	High	No Window Available	see province
RA 174b	154.8	Unnamed Channel	Perennial	Morice River	Skeena	S2	9	629897	6005760	*	*	*	Y	*	*	DV, RB, CH	*	*	L/M	M	H	L	H	*	Morice River (FB) -1.9 km DS	0.055	7.6	3	No	No	High	No Window Available	see province
RA 174a	156.5	NVC	NVC	Morice River	Skeena	NVC	9	631496	6005803	*	*	*	Y	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open			
RA 174	157.2	Unnamed Channel	Seasonal	Morice River	Skeena	S6	9	632187	6005720	*	*	*	Y	*	*	*	L	L	L	N	L	*	*	Unnamed Tributary to the Morice River (FB) (RA 173z) -800 m DS	*	1.3	3	Dry	No	Low	Open	Open	
RA 173z	158.3	Unnamed Channel	Perennial	Morice River	Skeena	S5	9	633249	6005965	*	*	*	Y	*	*	No fish caught or observed	*	*	L	L	L/M	L	L	*	Morice River (FB) -2.6 km DS	0.0095	5.4	6-95	Falls and Gradient	No	Low	Open	Open
173	163.0	Fenton Creek	Perennial	Morice River	Skeena	S2	9	637505	6007603	*	Y	*	Y	*	*	RB, CH, DV, CO	No fish observed	*	L	L	H	L/M	H	Morice River (FB) -600 m DS	*	Winter 0.0173 Fall 0.033	7.2	2	No	No	High	No Window Available	see province
172	165.3	Owen Creek	Perennial	Morice River	Skeena	S2	9	639661	6008000	*	Y	*	Y	*	*	RB, MW, CH, and a Lamprey was observed	No fish observed	*	M/H	M	H	H	H	Morice River (FB) -200 m DS	*	Winter 0.591 Fall 0.156	18	1	Beaver dam	Yes	High	No Window Available	see province

KSL Project: WATERCOURSE CROSSING SUMMARY TABLE

AAR ID No.	KP	Watercourse Name	Watercourse Type <sup>1</sup>	Mainstem	Watershed	Provincial Class <sup>2</sup>	UTM Coordinates NAD83			Surveys					Species Present <sup>3</sup>			Habitat Potential <sup>4</sup>						Flow (m <sup>3</sup> /s)	Max Channel Width (m)	Gradient (%)	Movement Barrier	Navigability	Fish Sensitivity <sup>5</sup>	Provincial and Federal Timing Windows		
							Zone	Easting	Northing	Fall 05	Winter 06	Summer 06	Fall 06	Spring 07	Fall	Winter	Spring/ Summer	Spring Spawning	Fall Spawning	Rearing	Wintering	Migration	Parent Channel within ZOI							Parent Channel outside ZOI	BC	DFO
171z	166.2	Unnamed Channel	Ephemeral	Owen Creek	Skeena	S6	9	640521	6008057	*	Y	Y	Y	*	*	*	*	L	L	L	N	L	*	Morice River (FB) -1.7 km DS	*	0.8	5	Dry and perched culvert	No	Low	Open	Open
171y	167.5	NCD	NCD	Owen Creek	Skeena	NCD	9	641778	6008288	*	Y	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	*	Low	Open	Open	
171x	168.0	Unnamed Channel	Ephemeral	Owen Creek	Skeena	S6	9	642301	6008196	*	Y	Y	Y	*	*	*	L	L	L	N	L	*	Unnamed tributary to Owen Creek (FB) -700 m DS (171w)	*	0.95	4	Dry	No	Low	Open	Open	
171w	172.5	Unnamed Channel	Ephemeral	Owen Creek	Skeena	S6	9	646358	6007504	*	Y	Y	Y	*	*	*	L	L	L	N	L	*	Owen Creek (FB) -7.0 km DS	*	1.4	5-14	Dry	No	Low	Open	Open	
171v	173.0	Unnamed Channel	Ephemeral	Unnamed Tributary to Owen Creek	Skeena	S6	9	646864	6007468	*	Y	Y	Y	*	*	*	L	L	L	N	L	*	Unnamed Channel (NFB) -400 m DS	*	1.5	3	Dry	No	Low	Open	Open	
171u	173.3	Unnamed Channel	Ephemeral	Unnamed Tributary to Owen Creek	Skeena	S6	9	647178	6007517	*	Y	Y	Y	*	*	*	L	L	L	N	L	*	Unnamed Channel (NFB) -300 m DS	*	2.3	6	Dry and Perched Culvert	No	Low	Open	Open	
171t	173.6	Unnamed Channel	Ephemeral	Unnamed Tributary to Owen Creek	Skeena	S6	9	647477	6007432	*	Y	Y	Y	*	*	*	L	L	L	N	L	*	Unnamed Channel (NFB) -100 m DS	*	1	5-12	Dry	No	Low	Open	Open	
171s	173.7	NCD	NCD	Unnamed Tributary to Owen Creek	Skeena	NCD	9	647572	6007390	*	Y	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open		
171r	175.7	NCD	NCD	Parrott Creek	Fraser	NCD	9	649525	6007103	*	Y	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open		
RA 171aa	178.9	Unnamed Channel	Ephemeral	Parrott Creek	Fraser	S6	9	652515	6006704	*	*	*	Y	*	*	*	L/M	L/M	L	L	L	*	Parrott Creek (FB) -100 m DS	*	2.2	2	Dry	No	Low	Open	Open	
RA 171	179.0	Parrott Creek	Perennial	Francois Lake	Fraser	S2	9	652655	6006655	*	Y	Y	Y	*	*	No fish observed	(RB caught 500 m US)	L	L	H	M	M	*	Parrott Lakes (FB) -2 km DS	*	8	1	Beaver dam	No	Moderate	Aug 1 - Mar 31	see province
RA 170z	180.4	Unnamed Channel	Intermittent	Parrott Creek	Fraser	TBD	9	653957	6006204	*	*	*	Y	*	No fish caught or observed	*	L	L	L/M	L	L	*	Parrott Creek (FB) -1.1 km DS	*	4.1	1	At low flow (beaver dam)	No	TBD	TBD	TBD	
RA 170x	180.6	Unnamed Channel	Perennial	Parrott Creek	Fraser	S3	9	654122	6006133	*	*	Y	Y	*	No fish caught or observed	*	(RB -700 m US)	L	L	L/M	L	L	*	Unnamed Tributary to Parrott Creek (TBD) -100 m DS	*	1.6	2	Beaver dam	No	Low	Aug 1 - Mar 31	see province
RA 170w	180.7	NVC	NVC	Parrott Creek	Fraser	NVC	9	654249	6006072	*	*	*	Y	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open		
RA 170v	181.8	Unnamed Channel	Ephemeral	Parrott Creek	Fraser	S6	9	655278	6005606	*	*	*	Y	*	*	*	L	L	L	L	L	*	Parrott Creek (FB) -1.5 km DS	*	2.1	5	Dry	No	Low	Open	Open	
RA 170u	182.3	Unnamed Channel	Intermittent	Parrott Creek	Fraser	S6	9	655680	6005378	*	*	Y	Y	*	No fish caught or observed	*	No fish caught or observed	L	L	L	N	L	*	Unnamed tributary to Parrott Creek (NFB) -800 m DS (RA 170v)	Summer 0.00061	0.85	7	No	No	Low	Open	Open
170t	183.7	NCD	NCD	Parrott Creek	Fraser	NCD	9	657063	6005165	*	*	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open		
170s	184.4	Unnamed Channel	Intermittent	Parrott Creek	Fraser	S6	9	657714	6005209	*	*	Y	*	*	No fish caught or observed	*	No fish caught or observed	L	L	L	N	L	*	Unnamed tributary to Parrott Creek (NFB) -1.0 km DS	*	1.3	7	No	No	Low	Open	Open
170r	184.9	Unnamed Channel	Seasonal	Parrott Creek	Fraser	TBD	9	658253	6005260	*	*	*	*	Y	*	*	L	L	L	L	L	*	Unnamed Channel (NFB) -2.0 km DS (Buck Creek drainage)	0.0225	0.7	9	N	No	Low	Open	Open	
170q	186.2	Unnamed Channel	Ephemeral	Parrott Creek	Fraser	S6	9	659574	6005173	*	*	Y	*	*	No fish caught or observed	*	No fish caught or observed	L	L	L	N	L	*	Unnamed Channel (NFB) -500 m DS (Buck Creek drainage)	*	1.2	7	Dry	No	Low	Open	Open
170p	187.2	Unnamed Channel	Seasonal	Parrott Creek	Fraser	TBD	9	660558	6005130	*	*	Y	*	TBD	No fish caught or observed	*	No fish caught or observed	L	L	M	L	M	*	Unnamed tributary to Parrott Creek (NFB) -11.8 km DS	*	2.3	4	No	No	Low	Open	Open
RA 170o	188.0	NCD	NCD	Parrott Creek	Fraser	NCD	9	661361	6005125	*	*	*	Y	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open		
RA 170n	188.6	NCD	NCD	Parrott Creek	Fraser	NCD	9	661940	6005126	*	*	*	Y	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open		
RA 170m	189.1	NCD	NCD	Parrott Creek	Fraser	NCD	9	662389	6005155	*	*	*	Y	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open		

KSL Project: WATERCOURSE CROSSING SUMMARY TABLE

AAR ID No.	KP	Watercourse Name	Watercourse Type <sup>1</sup>	Mainstem	Watershed	Provincial Class <sup>2</sup>	UTM Coordinates NAD83			Surveys					Species Present <sup>3</sup>			Habitat Potential <sup>4</sup>						Flow (m <sup>3</sup> /s)	Max Channel Width (m)	Gradient (%)	Movement Barrier	Navigability	Fish Sensitivity <sup>5</sup>	Provincial and Federal Timing Windows			
							Zone	Easting	Northing	Fall 05	Winter 06	Summer 06	Fall 06	Spring 07	Fall	Winter	Spring/ Summer	Spring Spawning	Fall Spawning	Rearing	Wintering	Migration	Parent Channel within ZOI							Parent Channel outside ZOI	BC	DFO	
RA 170l	189.8	NCD	NCD	Parrott Creek	Fraser	NCD	9	663141	6005194	*	*	*	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open		
RA 170k	190.7	NCD	NCD	Parrott Creek	Fraser	NCD	9	664044	6005105	*	*	*	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open		
RA 170h	192.8	NCD	NCD	Parrott Creek	Fraser	NCD	9	665900	6004320	*	*	*	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open		
RA 170	193.8	Unnamed Channel	Seasonal	Parrott Creek	Fraser	TBD	9	666871	6004063	*	*	*	Y	TBD	No fish caught or observed	*	TBD	L	L	M	L	L	*	*	Parrott Creek (FB) -9.3 km DS	*	1.6	2	Dry	No	TBD	TBD	TBD
169z	196.8	Unnamed Channel	Seasonal	Unnamed Tributary to Goosly Lake	Skeena	S6	9	669816	6004026	*	Y	Y	Y	*	No fish caught or observed	*	No fish caught or observed	L	L	L	N	L	*	*	Sam Lake (NFB) -1.3 km DS	*	1.1	4	*	No	Low	Open	Open
169y	198.8	Unnamed Channel	Seasonal	Unnamed Tributary to Goosly Lake	Skeena	S6	9	671693	6004379	*	Y	Y	Y	*	No fish caught or observed	*	No fish caught or observed	L	L	L	N	L	*	*	Unnamed tributary to Goosly Lake (NFB) -300 m DS	*	1.3	4	Dry DS	No	Low	Open	Open
RA 169x	199.9	Unnamed Channel	Perennial	Unnamed Tributary to Goosly Lake	Skeena	S6	9	672525	6004974	*	*	*	Y	*	No fish caught or observed	*	*	L	L	L	L	L	*	*	Unnamed tributary to Goosly Lake (NFB) -400 m DS	0.0048	1.1	4	No	No	Low	Open	Open
RA 169w	200.3	NCD	NCD	Unnamed Tributary to Goosly Lake	Skeena	NCD	9	672930	6005017	*	*	*	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open		
RA 169v	201.7	NCD	NCD	Buck Creek	Skeena	NCD	9	674061	6004388	*	*	*	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open		
RA 169u	201.7	Unnamed Channel	Perennial	Buck Creek	Skeena	S6	9	674096	6004350	*	Y	Y	Y	*	No fish caught or observed	*	No fish caught or observed	L	L	L	L	L	*	*	Buck Creek (FB) -1.0 km DS	0.0023	1.1	8-29	Gradient, falls and subsurface flow	No	Low	Open	Open
RA 169t	202.6	Unnamed Channel	Perennial	Buck Creek	Skeena	S6	9	674803	6003818	*	*	*	Y	*	No fish caught or observed	*	*	N	N	L	N	L	*	*	Buck Creek (FB) -1.2 km DS	*	1	3	Blocked culvert, subsurface sections	No	Low	Open	Open
RA 169s	202.9	Unnamed Channel	Perennial	Buck Creek	Skeena	S6	9	675061	6003644	*	*	*	Y	*	No fish caught or observed	*	*	N	N	L	N	L	*	*	Unnamed Tributary to Buck Creek (NFB) -700 m DS (RA 169t)	0.001	0.85	16	NCD -70 m DS	No	Low	Open	Open
RA 169r	203.1	NCD	NCD	Buck Creek	Skeena	NCD	9	675229	6003510	*	*	*	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open		
RA 169q	203.4	NVC	NVC	Buck Creek	Skeena	NVC	9	675400	6003357	*	*	*	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open		
RA 169p	204.1	Unnamed Channel	Perennial	Buck Creek	Skeena	S6	9	675855	6002825	*	*	*	Y	*	No fish caught or observed	*	*	L	L	L/M	L	L	*	*	Buck Creek (FB) -1.3 km DS	0.003	1.7	15	Perched culvert 0.75 m	No	Low	Open	Open
RA 169	204.2	NCD	NCD	Buck Creek	Skeena	NCD	9	675917	6002742	*	*	*	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open		
RA168z	204.8	Unnamed Channel	Seasonal	Buck Creek	Skeena	S6	9	676483	6002501	*	*	*	Y	*	No fish caught or observed	*	*	L	L	L	N	L	*	*	Buck Creek (FB) -1.1 km DS	*	1	16	Dry sections	No	Low	Open	Open
RA168y	205.2	NCD	NCD	Buck Creek	Skeena	NCD	9	676861	6002448	*	*	*	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open		
RA168x	206.1	Unnamed Channel	Seasonal	Buck Creek	Skeena	S6	9	677662	6002087	*	*	*	Y	*	No fish caught or observed	*	*	L	L	L	L	L	*	*	Buck Creek (FB) -1.1 km DS	0.0018	0.75	8	Dry	No	Low	Open	Open
RA 168	206.7	Unnamed Channel	Perennial	Buck Creek	Skeena	S3	9	678227	6001926	*	*	*	Y	*	RB	*	*	H	H	H	H	H	*	*	Buck Creek (FB) -1.1 km DS	0.023	4.9	2	No	No	High	Aug 1 - Mar 31	see province
167	208.2	Unnamed Channel	Seasonal	Buck Creek	Skeena	S6	9	679652	6001572	*	Y	Y	*	*	*	*	No fish caught or observed	L	L	L	N	L	*	*	Buck Creek (FB) -1.0 km DS	*	0.8	7	Subsurface flow	No	Low	Open	Open
166z	209.1	Unnamed Channel	Perennial	Buck Creek	Skeena	TBD	9	680468	6001177	*	Y	Y	*	*	*	*	No fish caught or observed	L	L	M	L	M	*	*	Buck Creek (FB) -1.2 km DS	0.00027	1.6	4	Beaver dam	No	TBD	TBD	TBD
166y	209.4	Unnamed Channel	Perennial	Buck Creek	Skeena	TBD	9	680771	6001070	*	*	Y	*	*	*	*	No fish caught or observed	L	L	M	L	M	*	*	Unnamed Tributary to Buck Creek (TBD) -200 m DS (166z)	*	*	*	Beaver dam	No	TBD	TBD	TBD
166	211.6	Unnamed Channel	Perennial	Buck Creek	Skeena	S6	9	682899	6000531	*	Y	Y	*	*	*	*	No fish caught or observed	L	L	L	N	L	*	*	Buck Creek (FB) -700 m DS	0.0083	2.1	5	Falls (0.6m), perched culvert, subsurface flow	No	Low	Open	Open

KSL Project: WATERCOURSE CROSSING SUMMARY TABLE

AAR ID No.	KP	Watercourse Name	Watercourse Type <sup>1</sup>	Mainstem	Watershed	Provincial Class <sup>2</sup>	UTM Coordinates NAD83			Surveys					Species Present <sup>3</sup>			Habitat Potential <sup>4</sup>						Flow (m <sup>3</sup> /s)	Max Channel Width (m)	Gradient (%)	Movement Barrier	Navigability	Fish Sensitivity <sup>5</sup>	Provincial and Federal Timing Windows		
							Zone	Easting	Northing	Fall 05	Winter 06	Summer 06	Fall 06	Spring 07	Fall	Winter	Spring/ Summer	Spring Spawning	Fall Spawning	Rearing	Wintering	Migration	Parent Channel within ZOI							Parent Channel outside ZOI	BC	DFO
165z	212.2	Unnamed Channel	Perennial	Buck Creek	Skeena	S6	9	683339	6000729	*	Y	Y	*	*	*	*	No fish caught or observed	L	L	L	N	L	*	Buck Creek (FB) -300 m DS	*	1.6	5	Perched culvert	No	Low	Open	Open
165y	212.7	NCD	NCD	Buck Creek	Skeena	NCD	9	683755	6000744	*	Y	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open	
165x	212.8	Unnamed Channel	Intermittent	Buck Creek	Skeena	S6	9	683819	6000799	*	*	Y	*	*	*	*	No fish caught or observed	L	L	L	N	L	*	Buck Creek (FB) -400 m DS	*	1.5	4	No	No	Low	Open	Open
165	215.2	Allin Creek	Perennial	Francois Lake	Fraser	S2	9	685722	6002076	*	Y	Y	*	*	*	No fish observed	RB	H	H	H	H	H	*	Francois Lake (FB) -23 km DS	Winter 0.0266 Summer 0.0558	10.9	3	No	Yes	High	Jul 15 - Apr 15	Jul 15 - Apr 15
164y	215.8	NVC	NVC	Allin Creek	Fraser	NVC	9	686353	6002182	*	Y	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open	
164	216.6	Unnamed Channel	Seasonal	Allin Creek	Fraser	S5	9	687131	6002301	*	Y	Y	*	*	*	*	No fish caught or observed	L	L	M	L	L	*	Allin Creek (FB) -600 m DS	*	30	4	Seasonal culvert barrier	No	Low	Open	Open
163z	216.9	NVC	NVC	Allin Creek	Fraser	NVC	9	687453	6002385	*	Y	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open	
163y	217.3	Unnamed Channel	Perennial	Allin Creek	Fraser	TBD	9	687844	6002394	*	Y	Y	*	*	*	*	No fish caught or observed	M	L	M/H	L	M	*	Allin Creek (FB) -700 m DS	0.013	2.3	3	No	No	TBD	TBD	TBD
163x	217.5	Unnamed Channel	Perennial	Allin Creek	Fraser	S5	9	688086	6002396	*	Y	Y	*	*	*	*	No fish caught or observed	L	L	M	L	L	*	Allin Creek (FB) -600 m DS	*	3.4	3	No	No	Low	Open	Open
163w	217.7	NCD	NCD	Allin Creek	Fraser	NCD	9	688247	6002404	*	Y	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open	
163v	218.1	NCD	NCD	Allin Creek	Fraser	NCD	9	688586	6002423	*	Y	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open	
163u	218.4	NCD	NCD	Allin Creek	Fraser	NCD	9	688956	6002335	*	Y	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open	
163t	218.8	NCD	NCD	Allin Creek	Fraser	NCD	9	689314	6002456	*	Y	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open	
163a	220.3	NCD	NCD	Allin Creek	Fraser	NCD	9	690862	6002560	*	Y	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open	
163	220.7	NCD	NCD	Allin Creek	Fraser	NCD	9	691171	6002547	*	Y	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	6.1	9	*	*	Low	Open	Open
RA 162z	222.5	NCD	NCD	Allin Creek	Fraser	NCD	9	692858	6001838	*	*	*	*	Y	*	*	*	N	N	N	N	N	*	John Brown Lakes (FB) -2.0 km DS	*	*	*	*	No	Low	Open	Open
RA 162y	225.5	NCD	Perennial	Allin Creek	Fraser	NCD	9	695811	6001277	*	*	*	*	Y	*	*	No fish captured or observed	L	L	L	L	L	*	John Brown Lakes (FB) -1.5 km DS	0.0612	1.3	1	Y	No	Low	Open	Open
162	226.7	NVC	NVC	Allin Creek	Fraser	NVC	10	304893	6001374	*	Y	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open	
161zz	228.1	Unnamed Channel	Perennial	Beach Creek	Fraser	S6	10	306227	6001610	*	*	Y	*	*	*	*	No fish captured or observed	L	L	L	L	L	*	Unnamed Tributary to Allin Creek (FB) -1.4 km DS (162)	0.0026	1.1	5	No	No	Low	Open	Open
161z	228.4	Unnamed Wetland	Wetland	Beach Creek	Fraser	W2	10	306569	6001715	*	Y	Y	*	*	*	*	*	L	L	L	L	L	*	Beach Creek (NFB) -1.5 km DS	*	40	*	No	No	Low	Open	Open
161y	228.7	Unnamed Channel	Perennial	Beach Creek	Fraser	S6	10	306842	6001767	*	Y	Y	*	*	*	*	No fish captured or observed	L	L	L	L	L	*	Beach Creek (NFB) -1.4 km DS	0.0016	0.9	3	No	No	Low	Open	Open
161v	229.6	Unnamed Channel	Seasonal	Beach Creek	Fraser	TBD	10	307761	6001812	*	Y	Y	*	*	*	*	No fish captured or observed	M	M	M	L	M	*	Beach Creek (NFB) -1.4 km DS	0.0023	1.25	4-12	No	No	TBD	TBD	TBD
161u	229.7	NCD	NCD	Beach Creek	Fraser	NCD	10	307867	6001787	*	Y	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	8	*	*	Low	Open	Open	
161s	230.1	NCD	NCD	Beach Creek	Fraser	NCD	10	308188	6001719	*	Y	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	6	*	*	Low	Open	Open



KSL Project: WATERCOURSE CROSSING SUMMARY TABLE

AAR ID No.	KP	Watercourse Name	Watercourse Type <sup>1</sup>	Mainstem	Watershed	Provincial Class <sup>2</sup>	UTM Coordinates NAD83			Surveys					Species Present <sup>3</sup>			Habitat Potential <sup>4</sup>						Flow (m <sup>3</sup> /s)	Max Channel Width (m)	Gradient (%)	Movement Barrier	Navigability	Fish Sensitivity <sup>5</sup>	Provincial and Federal Timing Windows			
							Zone	Easting	Northing	Fall 05	Winter 06	Summer 06	Fall 06	Spring 07	Fall	Winter	Spring/ Summer	Spring Spawning	Fall Spawning	Rearing	Wintering	Migration	Parent Channel within ZOI							Parent Channel outside ZOI	BC	DFO	
161	230.5	Unnamed Channel	Perennial	Beach Creek	Fraser	S3	10	308663	6001582	*	Y	Y	*	*	*	Juvenile salmonid	RB	H	H	H	H	H	Beach Creek (NFB) -650 m DS	*	Winter 0.0079 Summer 0.012	3.15	4	No	No	High	Jul 15 - Apr 15	Jul 15 - Apr 15	
160cc	230.8	NCD	NCD	Beach Creek	Fraser	NCD	10	308934	6001548	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open		
160bb	231.2	Unnamed Channel	Perennial	Beach Creek	Fraser	S6	10	309336	6001436	*	*	Y	*	*	*	No fish captured or observed	L	L	L	L	L	L	Unnamed tributary to Beach Creek (NFB) -100 m DS	*	0.00029	1.15	5	No	No	Low	Open	Open	
160aa	231.7	NCD	NCD	Beach Creek	Fraser	NCD	10	309761	6001296	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open		
160	231.8	Unnamed Channel	Perennial	Beach Creek	Fraser	S3	10	309917	6001266	*	Y	Y	*	*	*	*	RB	M/H	M	M	M	M	Beach Creek (NFB) -200 m DS	*	0.0132	1.85	3	No	No	Moderate	Jul 15 - Apr 15	Jul 15 - Apr 15	
159zz	232.4	NVC	NVC	Beach Creek	Fraser	NVC	10	310443	6001122	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open		
159z	232.5	NVC	NVC	Beach Creek	Fraser	NVC	10	310625	6001064	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open		
159u3	233.8	NCD	NCD	Beach Creek	Fraser	NCD	10	311881	6001261	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open		
159u	234.3	Unnamed Channel	Perennial	Beach Creek	Fraser	TBD	10	312364	6001320	*	Y	Y	*	*	*	*	No fish captured or observed	L/M	L	M	L	L/M	Anders Lake (FB) -300 m DS	*	0.00055	1.05	4	Dry sections	No	Low	Open	Open	
159t	234.5	NCD	NCD	Beach Creek	Fraser	NCD	10	312528	6001334	*	Y	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open		
159	235.4	Beach Creek	NCD	Anders Lake	Fraser	NCD	10	313396	6001304	*	Y	Y	*	*	*	*	*	N	N	N	N	N	*	Anders Lake (FB) -800 m DS	*	*	*	*	*	Low	Open	Open	
158aa	238.7	NVC	NVC	Unnamed tributary to Tchesinkut Creek	Fraser	NVC	10	316355	6000963	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open		
158	238.9	Unnamed Channel	Perennial	Tchesinkut Creek	Fraser	S3	10	316578	6001031	*	Y	Y	*	*	*	*	RB	H	M	M/H	L	M	*	Tchesinkut Creek (FB) -3.0 km DS	0.033	2.15	3	No	No	Moderate	Jul 15 - Apr 15	Jul 15 - Apr 15	
157z	239.4	NCD	NCD	Tchesinkut Creek	Fraser	NCD	10	317083	6001177	*	Y	Y	*	*	*	*	No fish observed	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open		
157zz	239.5	Tchesinkut Creek	Perennial	Tchesinkut Lake	Fraser	S3	10	317117	6001160	*	Y	Y	*	*	*	*	No fish observed	RB, UN	H	M	M/H	M	M/H	*	Tchesinkut Lake (FB) -7.2 km DS	0.0056	2.6	3	No	No	Moderate	Jul 15 - Apr 15	Jul 15 - Apr 15
157d	240.6	NCD	NCD	Tchesinkut Creek	Fraser	NCD	10	318181	6001444	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open		
157c	240.7	NVC	NVC	Tchesinkut Creek	Fraser	NVC	10	318286	6001467	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open		
157b	241.3	NVC	NVC	Tchesinkut Creek	Fraser	NVC	10	318894	6001602	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open		
157a	241.9	NVC	NVC	Tchesinkut Creek	Fraser	NVC	10	319525	6001735	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open		
157	244.3	Unnamed Channel	Perennial	Tchesinkut Lake	Fraser	S2	10	321777	6002449	*	*	Y	*	*	*	*	LKC, UN minnow	L	L	L	L	L	*	Tchesinkut Lake (FB) -3.0 km DS	0.0024	8	2	Beaver dam	No	Low	TBD	TBD	
156y	245.9	NCD	NCD	Unnamed tributary to Tchesinkut Lake	Fraser	NCD	10	323268	6002965	*	Y	Y	*	*	*	*	No fish captured or observed	L	L	L	L	L	*	*	*	*	3	*	*	Low	Open	Open	
156t	246.9	NVC	NVC	Unnamed tributary to Tchesinkut Lake	Fraser	NVC	10	324190	6002925	*	Y	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	4	*	*	None	Open	Open	
156	248.0	Unnamed Channel	Seasonal	Tchesinkut Lake	Fraser	S3	10	325255	6002549	*	Y	Y	*	*	*	*	RB	M	L/M	L/M	L/M	M	*	Tchesinkut Lake (FB) -4.4 km DS	0.0126	1.55	4	No	No	Moderate	Jul 15 - Apr 15	Jul 15 - Apr 15	
155zz	248.1	NVC	NVC	Unnamed tributary to Tchesinkut Lake	Fraser	NVC	10	325268	6002536	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open		

KSL Project: WATERCOURSE CROSSING SUMMARY TABLE

AAR ID No.	KP	Watercourse Name	Watercourse Type <sup>1</sup>	Mainstem	Watershed	Provincial Class <sup>2</sup>	UTM Coordinates NAD83			Surveys					Species Present <sup>3</sup>			Habitat Potential <sup>4</sup>						Flow (m <sup>3</sup> /s)	Max Channel Width (m)	Gradient (%)	Movement Barrier	Navigability	Fish Sensitivity <sup>5</sup>	Provincial and Federal Timing Windows		
							Zone	Easting	Northing	Fall 05	Winter 06	Summer 06	Fall 06	Spring 07	Fall	Winter	Spring/ Summer	Spring Spawning	Fall Spawning	Rearing	Wintering	Migration	Parent Channel within ZOI							Parent Channel outside ZOI	BC	DFO
155w	248.8	NVC	NVC	Unnamed tributary to Tchesinkut Lake	Fraser	NVC	10	325848	6002161	*	Y	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open	
155	250.4	Unnamed Channel	Perennial	Tchesinkut Lake	Fraser	S6	10	327199	6002139	*	Y	Y	*	*	*	*	No fish captured or observed	L	L	L	L	L	*	Tchesinkut Lake (FB) -7.1 km DS	0.0019	1.2	2-8	No	No	Low	Open	Open
RA 154o	253.8	Unnamed Channel	Perennial	Baker Creek	Fraser	S6	10	330369	6001077	*	*	*	*	Y	*	*	No fish captured or observed	L	L	L	L	L	*	Baker Creek (NFB) -4.4 km DS	0.0836	1.05	2	No	No	Low	Open	Open
154k	254.6	NCD	NCD	Baker Creek	Fraser	NCD	10	331106	6001194	*	Y	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open	
154	255.1	Baker Creek	Perennial	Tchesinkut Lake	Fraser	S6	10	331548	6001246	*	Y	Y	*	*	*	*	No fish captured or observed	L/M	L/M	M	L/M	L/M	*	Tchesinkut Lake (FB) -7.9 km DS	0.00062	1.7	5	No	No	Low	Open	Open
153y	255.2	Unnamed Channel	Perennial	Baker Creek	Fraser	S6	10	331760	6001180	*	Y	Y	*	*	*	*	No fish captured or observed	M	M	M	L	L	Baker Creek (NFB) -50 m DS	*	0.00016	1.2	4-11	No	No	Low	Open	Open
153x	255.7	Unnamed Channel	Seasonal	Baker Creek	Fraser	S6	10	332168	6000946	*	Y	Y	*	*	*	*	No fish captured or observed	L	L	L	L	L	Baker Creek (NFB) -100 m DS	*	*	1.4	15-20	Dry	No	Low	Open	Open
RA 153t	256.3	Unnamed channel	Intermittent	Baker Creek	Fraser	S6	10	332317	6000271	*	*	*	*	Y	*	*	No fish captured or observed	L	L	L	L	L	Baker Creek (NFB) -850 m DS	0.0093	1.1	4	Y	No	Low	Open	Open	
RA 153s	256.8	Unnamed channel	Perennial	Baker Creek	Fraser	S6	10	332627	6000026	*	*	*	*	Y	*	*	No fish captured or observed	L	L	L	L	L	Baker Creek (NFB) -1.0 km DS	0.0268	1.1	3	Y	No	Low	Open	Open	
RA 153r	257.3	Unnamed channel	Perennial	Baker Creek	Fraser	TBD	10	333176	5999983	*	*	*	*	Y	TBD	TBD	No fish captured or observed	M	L	L/M	L	L	Baker Creek (NFB) -2.0 km DS	0.017	1.2	5	Y	No	TBD	TBD	TBD	
153	257.3	Unnamed Channel	Seasonal	Baker Creek	Fraser	TBD	10	333257	6000125	*	Y	Y	*	*	*	*	No fish captured or observed	L	L	L	L	L	Baker Creek (NFB) -1.8 km DS	0.00037	1.4	13-25	Dry	No	Low	TBD	TBD	
152y	257.6	Unnamed Channel	Seasonal	Baker Creek	Fraser	S6	10	333506	5999886	*	Y	Y	*	*	*	*	No fish captured or observed	L	L	L	L	L	Unnamed Tributary to Baker Creek (NFB) -100 m DS	*	0.00053	0.8	9-18	Dry sections	No	Low	Open	Open
152t	258.7	Unnamed Channel	Perennial	Tchesinkut Lake	Fraser	S6	10	334513	5999782	*	Y	Y	*	*	*	*	No fish captured or observed	L	L	L	L	L	Unnamed Tributary to Tchesinkut Creek (NFB) -200 m DS (152s)	*	Winter 0.0014 Summer 0.0063	1.4	5-18	Subsurface Flow	No	Low	Open	Open
152s	258.7	Unnamed Channel	Seasonal	Tchesinkut Lake	Fraser	S6	10	334579	5999729	*	Y	Y	*	*	*	*	No fish captured or observed	L	L	L	L	L	Tchesinkut Creek (FB) -5.5 km DS (149)	*	0.85	9-23	Dry	No	Low	Open	Open	
152r	259.0	Unnamed Channel	Seasonal	Unnamed Tributary to Tchesinkut Creek	Fraser	S6	10	334800	5999638	*	Y	Y	*	*	*	*	No fish captured or observed	L	L	L	L	L	Unnamed Tributary to Tchesinkut Creek (NFB) -100 m DS (152s)	*	0.8	5	Dry	No	Low	Open	Open	
152o	259.5	Unnamed Channel	Perennial	Unnamed Tributary to Tchesinkut Creek	Fraser	TBD	10	335165	5999214	*	Y	Y	*	*	*	*	No fish captured or observed	M	L	L	L	L	Unnamed Tributary to Tchesinkut Creek (NFB) -850 m DS (152s)	0.0065	2.3	6	No	No	TBD	TBD	TBD	
152n	260.0	NVC	NVC	Unnamed Tributary to Tchesinkut Creek	Fraser	NVC	10	335376	5998910	*	Y	Y	*	*	*	*	No fish captured or observed	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open	
RA 152b	262.2	Unnamed channel	Perennial	Unnamed Lake	Fraser	S6	10	336723	5997168	*	*	*	*	Y	*	*	No fish captured or observed	L	L	L	L	L	Unnamed Tributary to Tchesinkut Creek (NFB) -500 m DS	0.0133	1.1	3	Y	No	Low	Open	Open	
RA 152a	263.8	Unnamed channel	Perennial	Unnamed Lake	Fraser	S6	10	337983	5996531	*	*	*	*	Y	*	*	No fish captured or observed	M	L	L	L	L	Unnamed Tributary to Tchesinkut Creek (NFB) -1.5 km DS	0.0686	1.7	4	Y	No	Low	Open	Open	
152pp2	264.5	Unnamed Channel	Seasonal	Tchesinkut Creek	Fraser	S6	10	338786	5996581	*	*	Y	*	*	*	*	No fish captured or observed	L	L	L	L	L	Tchesinkut Creek (FB) -700 m DS (149)	*	0.9	5	Dry	No	Low	Open	Open	
152	264.7	NVC	NVC	Tchesinkut Creek	Fraser	NVC	10	338966	5996401	*	Y	Y	*	*	*	*	No fish captured or observed	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open	
151ra	265.5	NCD	NCD	Tchesinkut Creek	Fraser	NCD	10	339677	5996270	*	*	Y	*	*	*	*	No fish captured or observed	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open	
149 A	266.9	Unnamed channel	Seasonal	Tchesinkut Creek	Fraser	TBD	10	341115	5996368	*	Y	Y	*	*	*	*	No fish captured or observed	M	M	L	L	L	Tchesinkut Creek (FB) -500 m DS (149)	*	1.52	5	Pockets of water	No	TBD	TBD	TBD	
149v	268.6	Unnamed Channel	Seasonal	Tchesinkut Creek	Fraser	S3	10	342515	5996837	*	Y	Y	*	*	*	*	UN observed at confluence with Tchesinkut Creek	M	M	L	L	L	Tchesinkut Creek (FB) -172 m DS	*	2.1	5	Dry	No	Low	TBD	TBD	

KSL Project: WATERCOURSE CROSSING SUMMARY TABLE

AAR ID No.	KP	Watercourse Name	Watercourse Type <sup>1</sup>	Mainstem	Watershed	Provincial Class <sup>2</sup>	UTM Coordinates NAD83			Surveys					Species Present <sup>3</sup>			Habitat Potential <sup>4</sup>						Flow (m <sup>3</sup> /s)	Max Channel Width (m)	Gradient (%)	Movement Barrier	Navigability	Fish Sensitivity <sup>5</sup>	Provincial and Federal Timing Windows		
							Zone	Easting	Northing	Fall 05	Winter 06	Summer 06	Fall 06	Spring 07	Fall	Winter	Spring/ Summer	Spring Spawning	Fall Spawning	Rearing	Wintering	Migration	Parent Channel within ZOI							Parent Channel outside ZOI	BC	DFO
149n	269.7	NVC	NVC	Tchesinkut Creek	Fraser	NVC	10	343361	5997459	*	Y	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open		
149k2	270.8	NVC	NVC	Tchesinkut Creek	Fraser	NVC	10	344346	5997829	*	*	Y	*	*	*	N	N	N	N	N	*	*	*	*	8	*	*	None	Open	Open		
149f	272.4	Unnamed Channel	Seasonal	Tchesinkut Creek	Fraser	S6	10	345598	5998657	*	Y	Y	*	*	*	No fish captured or observed	L	L	L	L	L	*	Tchesinkut Creek (FB) -900 m DS (149)	*	1	9	Dry	No	Low	Open	Open	
149e	273.4	NCD	NCD	Tchesinkut Creek	Fraser	NCD	10	346619	5998585	*	Y	Y	*	*	*	N	N	N	N	N	*	*	*	*	2	*	*	Low	Open	Open		
149aaa	277.1	NCD	NCD	Tchesinkut Creek	Fraser	NCD	10	349341	5997053	*	*	*	*	Y	*	N	N	N	N	N	*	*	Tchesinkut Creek (FB) -900 m DS (149)	*	*	1	Y	No	Low	Open	Open	
149	278.9	Tchesinkut Creek	Perennial	Endako River	Fraser	S2	10	350928	5996418	*	Y	Y	*	*	*	No fish observed	RSC, WSU, LNC, NSC, RB, CH	H	H	H	H	H	Endako River (FB) -600 m DS	*	Winter 0.4585 Summer 0.3359	9.5	10	No	Yes	High	Jul 15 - Aug 15	TBD
148z	280.6	Unnamed Channel	Seasonal	Sam Ross Creek	Fraser	S3	10	352858	5996122	*	Y	Y	*	*	*	RB	L	L	L	L	L	*	Sam Ross Creek (FB) -500 m DS (148)	Winter 0.0021	2.5	3	Dry in sections	No	Low	Jul 15 - Apr 15	Jul 15 - Apr 15	
148	280.8	Sam Ross Creek	Seasonal	Endako River	Fraser	S3	10	353110	5996062	*	Y	Y	*	*	*	TR (suspected to be RB)	M	L	L	L	L	*	Endako River (FB) -1.9 km DS	*	2.3	5	Dry in sections	No	Moderate	Jul 15 - Apr 15	Jul 15 - Apr 15	
147	281.9	Unnamed Channel	Seasonal	Endako River	Fraser	S6	10	354104	5995853	*	Y	Y	*	*	*	*	L	L	L	L	L	*	Endako River (FB) -1.5 km DS	Winter 0.0169	0.82	5	Dry in summer	No	Low	Open	Open	
146a	283.4	NVC	NVC	Endako River	Fraser	NVC	10	355595	5995749	*	*	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	35	*	*	None	Open	Open	
146	283.7	Unnamed Channel	Perennial	Endako River	Fraser	S3	10	355863	5995691	*	Y	Y	*	*	*	RB	M/H	M	M	M	M	*	Endako River (FB) -1.6 km DS	0.0019	3.4	4	No	No	Moderate	Jul 15 - Apr 15	Jul 15 - Apr 15	
145z	284.8	NCD	NCD	Endako River	Fraser	NCD	10	357039	5995686	*	Y	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	*	Low	Open	Open	
145	286.1	Unnamed Channel	Seasonal	Endako River	Fraser	TBD	10	358344	5995600	*	Y	Y	*	*	*	*	L (if water present-M)	L (if water present-M)	L (if water present-H)	L	L (if water present-H)	*	Endako River (FB) -1.1 km DS	Winter 0.0185	5.6	4	Dry in summer	No	TBD	TBD	TBD	
144	288.8	NCD	NCD	Endako River	Fraser	NCD	10	360857	5995038	*	Y	Y	*	*	*	*	N	N	N	N	N	*	*	*	0.8	4	*	*	Low	Open	Open	
143z	289.2	NCD	NCD	Endako River	Fraser	NCD	10	361181	5994889	*	Y	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	*	Low	Open	Open	
143zz	291.0	Unnamed Wetland	Perennial	Endako River	Fraser	W2	10	363180	5994270	*	*	*	*	*	*	LKC	L	L	M	L	L	Unnamed Lake - 250 m DS	Unnamed Tributary to Endako Marsh Lake (NFB) -500 m DS	*	*	*	N	No	TBD	Open	Open	
143	291.6	Unnamed Channel	Perennial	Endako Marsh Lake	Fraser	S6	10	363568	5994237	*	Y	Y	*	*	*	No fish observed	No fish captured or observed	L	L	L	L	L	Unnamed Tributary to Endako Marsh Lake (NFB) -200 m DS	*	1.6	2	No	No	Low	Open	Open	
142a	291.9	Unnamed Channel	Perennial	Endako Marsh Lake	Fraser	S4	10	363807	5994134	*	Y	Y	*	*	*	LKC	L/M	L	H	L	M	Unnamed Tributary to Endako Marsh Lake (NFB) -200 m DS	*	0.015	1.4	3	No	No	Moderate	TBD	TBD	
142	292.1	Unnamed Channel	Seasonal	Endako Marsh Lake	Fraser	TBD	10	363933	5994092	*	Y	Y	*	*	*	*	L	L	L	L	L	Unnamed Tributary to Endako Marsh Lake (NFB) -200 m DS	*	1.7	4	Dry	No	TBD	TBD	TBD		
141y	294.7	NCD	NCD	Endako River	Fraser	NCD	10	366574	5993831	*	*	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	*	Low	Open	Open	
141	297.5	Endako River	Perennial	Stellako River	Fraser	S1	10	369346	5993737	*	Y	Y	*	*	*	No fish observed	CH, WSU, LSU, RSC, UN cyprinid (observed MW)	L	L	H	H	H	*	Stellako River (FB) -10 km DS	0.358	24	1	No	Yes	High	Jun 15 - Jul 15	Jun 15 - Jul 15
140N	300.7	NVC	NVC	Endako River	Fraser	NVC	10	371897	5995419	*	*	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	*	None	Open	Open	
134	304.4	NCD	NCD	Deserter Lake	Fraser	NCD	10	375302	5996210	Y	*	*	*	*	*	*	N	N	N	N	N	Deserter Lake (FB) -200m DS	*	0.4	*	*	*	*	Low	Open	Open	
133	305.1	Stern Creek	Perennial	Fraser Lake	Fraser	S2	10	376029	5996401	Y	Y	*	*	*	RB	No fish observed	*	M	H	H	H	H	Fraser Lake (FB) -4 km DS	Fall 0.856 Winter 0.039	13	4	No	No	High	Jul 15 - Apr 15	Jul 15 - Apr 15	

KSL Project: WATERCOURSE CROSSING SUMMARY TABLE

AAR ID No.	KP	Watercourse Name	Watercourse Type <sup>1</sup>	Mainstem	Watershed	Provincial Class <sup>2</sup>	UTM Coordinates NAD83			Surveys					Species Present <sup>3</sup>			Habitat Potential <sup>4</sup>						Flow (m <sup>3</sup> /s)	Max Channel Width (m)	Gradient (%)	Movement Barrier	Navigability	Fish Sensitivity <sup>5</sup>	Provincial and Federal Timing Windows		
							Zone	Easting	Northing	Fall 05	Winter 06	Summer 06	Fall 06	Spring 07	Fall	Winter	Spring/ Summer	Spring Spawning	Fall Spawning	Rearing	Wintering	Migration	Parent Channel within ZOI							Parent Channel outside ZOI	BC	DFO
132	306.2	Unnamed Channel	Perennial	Stem Creek	Fraser	S6	10	377034	5996656	Y	*	Y	*	*	No fish captured or observed	*	No fish captured or observed	L	L	L	L	L	*	Fraser Lake (FB) -2.1 km DS	*	1.3	4	Subsurface flow (05) and dry (06)	No	Low	Open	Open
131	307.0	Unnamed Channel	Intermittent/Seasonal	Stem Creek	Fraser	S6	10	377810	5996656	Y	*	Y	*	*	*	*	*	N	N	N	N	L	*	Unnamed tributary to Fraser Lake (NFB) -400 m DS	*	1.2	20-30	Gradient, subsurface flow, dry	No	Low	Open	Open
130	309.5	Unnamed Channel	Perennial	Fraser Lake	Fraser	S6	10	380132	5997055	Y	*	Y	*	*	No fish captured or observed	*	No fish captured or observed	N	N	N	N	L	*	Fraser Lake (FB) -800 m DS	0.00792	1.2	18-20	Culvert	No	Low	Open	Open
129	309.5	NCD	NCD	Fraser Lake	Fraser	NCD	10	380194	5997126	Y	*	*	*	*	*	*	*	N	N	N	N	L	*	*	*	*	*	*	Low	Open	Open	
128	312.2	NCD	NCD	Unnamed tributary to Ormond Creek	Fraser	NCD	10	382807	5997070	Y	*	*	*	*	No fish captured or observed	*	*	L	L	L	L	N	*	*	*	7	0-20	*	*	Low	Open	Open
127z	313.3	NCD	NCD	Unnamed tributary to Ormond Creek	Fraser	NCD	10	383935	5996806	Y	*	*	*	*	No fish captured or observed	*	*	N	N	L	N	L	*	*	*	0.7	22-24	*	*	Low	Open	Open
127N	313.8	NCD	NCD	Ormond Creek	Fraser	NCD	10	384410	5996621	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open	
126aN	314.6	NCD	NCD	Fraser Lake	Fraser	NCD	10	384996	5996751	*	*	Y	*	*	*	*	*	L/N	L/N	L/N	L/N	L/N	*	*	*	*	*	*	Low	Open	Open	
126N	314.9	Ormond Creek (Alias Canyon Creek)	Perennial	Fraser Lake	Fraser	S2	10	385311	5996915	*	*	Y	*	*	*	*	RB	M/H	M	H	M	M	*	Fraser Lake (FB) -2.6 km DS	0.2116	15.6	5	Ormond Canyon	No	Moderate	Jul 15 - Apr 15	Jul 15 - Apr 15
123 & 124	316.9	Unnamed Wetland	Wetland	Fraser Lake	Fraser	W3	10	387120	5997243	Y	*	Y	*	*	No fish captured or observed	*	No fish captured or observed	L	L	L	L	L	*	Fraser Lake (FB) -1.6 km DS	*	*	*	Perched culvert at Stella Road	No	Low	Open	Open
122	317.4	NCD	NCD	Fraser Lake	Fraser	NCD	10	387489	5997520	Y	*	*	*	*	*	*	*	N	N	N	N	N	*	*	*	*	3	*	*	Low	Open	Open
121	317.7	NCD	NCD	Fraser Lake	Fraser	NCD	10	387862	5997529	Y	*	*	*	*	*	*	*	N	N	N	N	N	*	*	*	*	2	*	*	Low	Open	Open
120	318.0	NCD	NCD	Fraser Lake	Fraser	NCD	10	388109	5997528	Y	*	*	*	*	*	*	*	N	N	N	N	N	*	*	*	*	3	*	*	Low	Open	Open
119	318.3	Unnamed Channel	Seasonal	Fraser Lake	Fraser	S6	10	388404	5997524	Y	*	Y	*	*	No fish captured or observed	*	No fish captured or observed	M	M	M	L	L	Fraser Lake (FB) -500 m DS	*	0.0299	2.4	3	Perched culvert at Stella Road	No	Low	Open	Open
118	318.6	NCD	NCD	Fraser Lake	Fraser	NCD	10	388704	5997560	Y	*	*	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open	
117	319.0	Unnamed Channel	Intermittent/Seasonal	Fraser Lake	Fraser	S6	10	389101	5997667	Y	*	Y	*	*	No fish captured or observed	*	No fish captured or observed	L	L	L	L	L	Fraser Lake (FB) -500 m DS	*	*	1.2	4	Subsurface flow	No	Low	Open	Open
116b	319.2	NCD	NCD	Fraser Lake	Fraser	NCD	10	389298	5997723	Y	*	*	*	*	*	*	*	L	L	L	L	L	*	*	*	*	7	*	*	Low	Open	Open
116a	319.3	NCD	NCD	Fraser Lake	Fraser	NCD	10	389386	5997716	Y	*	*	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open	
116	319.4	NCD	NCD	Fraser Lake	Fraser	NCD	10	389456	5997682	Y	*	*	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open	
115	319.5	Unnamed Channel	Perennial	Fraser Lake	Fraser	S6	10	389632	5997645	Y	*	Y	*	*	No fish captured or observed	*	No fish captured or observed	M	M	H	L	L/M	Fraser Lake (FB) -800 m DS	*	0.1186	2.3	10	3 perched culverts DS	No	Low	Open	Open
114a	319.7	NCD	NCD	Fraser Lake	Fraser	NCD	10	389815	5997603	Y	*	*	*	*	*	*	*	L	L	L	L	L	*	*	*	*	7-27	*	*	Low	Open	Open
114	319.9	Unnamed Channel	Seasonal	Fraser Lake	Fraser	S6	10	389992	5997571	Y	*	Y	*	*	*	*	*	L	L	L	L	L	*	Fraser Lake (FB) -800 m DS	*	0.5	2	Perched culvert, Fall, and Dry (2006)	No	Low	Open	Open
113	320.9	Unnamed Channel	Perennial	Fraser Lake	Fraser	S6	10	391034	5997557	Y	*	Y	*	*	No fish captured or observed	*	No fish captured or observed	M	L	M	L	L	*	Fraser Lake (FB) -1.5 km DS	0.0380	1.6	10	Perched culvert	No	Low	Open	Open
112a	321.8	NCD	NCD	Fraser Lake	Fraser	NCD	10	391775	5997229	Y	*	Y	*	*	No fish captured or observed	*	*	N	N	N	N	N	*	*	*	*	2	*	*	Low	Open	Open

KSL Project: WATERCOURSE CROSSING SUMMARY TABLE

AAR ID No.	KP	Watercourse Name	Watercourse Type <sup>1</sup>	Mainstem	Watershed	Provincial Class <sup>2</sup>	UTM Coordinates NAD83			Surveys					Species Present <sup>3</sup>			Habitat Potential <sup>4</sup>						Flow (m <sup>3</sup> /s)	Max Channel Width (m)	Gradient (%)	Movement Barrier	Navigability	Fish Sensitivity <sup>5</sup>	Provincial and Federal Timing Windows		
							Zone	Easting	Northing	Fall 05	Winter 06	Summer 06	Fall 06	Spring 07	Fall	Winter	Spring/ Summer	Spring Spawning	Fall Spawning	Rearing	Wintering	Migration	Parent Channel within ZOI							Parent Channel outside ZOI	BC	DFO
112	323.0	Unnamed Channel	Seasonal	Fraser Lake	Fraser	S6	10	392915	5997013	Y	*	Y	*	*	No fish captured or observed	*	No fish captured or observed	M	L (BB M)	M	L	M	*	Fraser Lake (FB) -2.3 km DS	0.0463	1.6	9	Hanging Culvert	No	Low	Open	Open
111	323.8	NVC	NVC	Nechako River	Fraser	NVC	10	393667	5997054	Y	*	*	*	*	*	*	N	N	N	N	N	*	*	*	*	7	*	*	None	Open	Open	
110	324.7	Unnamed Wetland	Wetland	Nechako River	Fraser	W4	10	394507	5997201	Y	*	*	*	*	*	*	L	L	L	L	L	*	Unnamed tributary to the Nechako River (NFB) -1.2 km DS	*	*	*	NCD DS	No	Low	Open	Open	
109	325.3	NCD	NCD	Nechako River	Fraser	NCD	10	395076	5997151	Y	*	*	*	*	*	*	L	L	L	L	L	*	*	*	*	*	*	*	Low	Open	Open	
107	326.6	NCD	NCD	Nechako River	Fraser	NCD	10	396354	5997265	Y	*	*	*	*	*	*	N	N	N	N	N	Dog Creek (FB) -50 m DS	*	*	*	4	*	*	Low	Open	Open	
108	326.6	Dog Creek	Perennial	Nechako River	Fraser	S3	10	396355	5997247	Y	Y	*	*	*	RB	No fish observed	*	H	M	H	L	H	*	Nechako River (FB) -3.5 km DS	0.0633	2.6	3	No	No	Moderate	Jul 15 - Apr 15	Jul 15 - Apr 15
106	329.8	Unnamed Channel	Seasonal	Tatsutnai Creek	Fraser	S6	10	399479	5997928	Y	*	Y	*	*	No fish captured or observed	*	*	L	L	M	L	M	*	Unnamed tributary to Tatsutnai Creek (FB) -700 m ds (105)	0.0143	1.6	3	Dry (2006)	No	Low	Open	Open
105	330.2	Unnamed Channel	Seasonal	Tatsutnai Creek	Fraser	S3	10	399897	5998013	Y	*	*	*	*	RB	*	*	L	L	M	L	L/M	*	Tatsutnai Creek (FB) -800 m ds (104)	0.0053	1.85	2	No	No	Moderate	Jul 15 - Apr 15	Jul 15 - Apr 15
104	330.6	Tatsutnai Creek	Perennial	Nechako River	Fraser	S2	10	400290	5998063	Y	Y	*	*	*	RB	No fish observed	*	M	M	H	M	M	*	Nechako River (FB) -2.5 km DS	0.2536	6.2	3	No	No	Moderate	Jul 15 - Apr 15	Jul 15 - Apr 15
103	330.8	NCD	NCD	Tatsutnai Creek	Fraser	NCD	10	400450	5998124	Y	*	*	*	*	*	*	N	N	N	N	N	*	*	*	*	3	*	*	Low	Open	Open	
102	331.6	NCD	NCD	Nechako River	Fraser	NCD	10	401318	5998311	Y	*	Y	*	*	No fish captured or observed	*	*	N	N	N	N	N	*	*	0.05147	*	*	*	*	Low	Open	Open
101	332.1	NCD	NCD	Nechako River	Fraser	NCD	10	401771	5998371	Y	*	Y	*	*	No fish captured or observed	*	*	N	N	N	N	N	*	*	0.0067	*	4	*	*	Low	Open	Open
100	334.3	Nine Mile Creek	Perennial	Nechako River	Fraser	S2	10	403914	5998836	Y	Y	*	*	*	RB, CH	No fish observed	*	H	H	H	H	M	*	Nechako River (FB) -4.2 km DS	0.2085	6.1	2	No	No	High	Jul 15 - Aug 15	TBD
99	335.0	NVC	NVC	Nechako River	Fraser	NVC	10	404559	5998923	Y	*	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	*	None	Open	Open	
98	336.0	NCD	NCD	Nechako River	Fraser	NCD	10	405491	5998972	Y	*	*	*	*	*	*	N	N	N	N	N	*	*	*	*	5	*	*	Low	Open	Open	
97	336.0	NCD	NCD	Nechako River	Fraser	NCD	10	405544	5998971	Y	*	*	*	*	*	*	N	N	N	N	N	*	*	*	*	5	*	*	Low	Open	Open	
96	336.4	NCD	NCD	Nechako River	Fraser	NCD	10	405914	5999006	Y	*	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	*	Low	Open	Open	
95	337.0	NCD	NCD	Nechako River	Fraser	NCD	10	406550	5999119	Y	*	Y	*	*	No fish captured or observed	*	*	N	N	N	N	N	*	*	*	*	7	*	*	Low	Open	Open
94	338.3	Unnamed Channel	Perennial	Nechako River	Fraser	S2	10	407797	5999027	Y	*	*	*	*	RB	*	*	M	M	H	L	H	*	Nechako River (FB) -1.0 km DS	0.287	6	4	No	No	High	Jul 15 - Apr 15	Jul 15 - Apr 15
93	340.2	Kluk Creek	Perennial	Nechako River	Fraser	S2	10	409693	5999019	Y	*	*	*	*	RB, CH	*	*	M	M	H	L	M	*	Nechako River (FB) -600 m DS	0.025	5.75	4	No	No	High	Jul 15 - Aug 15	TBD
92	340.6	Unnamed Channel	Seasonal	Nechako River	Fraser	S6	10	410056	5999017	Y	*	Y	*	*	No fish captured or observed	*	No fish captured or observed	L	L	M	L	M	*	Nechako River (FB) -600 m DS	0.007	1.3	4	Dry DS (2006)	No	Low	Open	Open
91	341.4	NCD	NCD	Nechako River	Fraser	NCD	10	410882	5999040	Y	*	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	*	Low	Open	Open	
90a	341.7	NCD	NCD	Nechako River	Fraser	NCD	10	411200	5999132	Y	*	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	*	Low	Open	Open	
90	341.8	NCD	NCD	Nechako River	Fraser	NCD	10	411288	5999111	Y	*	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	*	Low	Open	Open	

KSL Project: WATERCOURSE CROSSING SUMMARY TABLE

AAR ID No.	KP	Watercourse Name	Watercourse Type <sup>1</sup>	Mainstem	Watershed	Provincial Class <sup>2</sup>	UTM Coordinates NAD83			Surveys					Species Present <sup>3</sup>			Habitat Potential <sup>4</sup>						Flow (m <sup>3</sup> /s)	Max Channel Width (m)	Gradient (%)	Movement Barrier	Navigability	Fish Sensitivity <sup>5</sup>	Provincial and Federal Timing Windows		
							Zone	Easting	Northing	Fall 05	Winter 06	Summer 06	Fall 06	Spring 07	Fall	Winter	Spring/ Summer	Spring Spawning	Fall Spawning	Rearing	Wintering	Migration	Parent Channel within ZOI							Parent Channel outside ZOI	BC	DFO
89	341.9	NCD	NCD	Nechako River	Fraser	NCD	10	411375	5999071	Y	*	*	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open	
88	342.1	NCD	NCD	Nechako River	Fraser	NCD	10	411510	5999012	Y	*	*	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open	
87	342.2	NCD	NCD	Nechako River	Fraser	NCD	10	411603	5998964	Y	*	Y	*	*	No fish captured or observed	*	No fish captured or observed	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open	
86	343.3	NCD	NCD	Halsey Creek	Fraser	NCD	10	412594	5998507	Y	*	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open		
85	343.6	Halsey Creek	Perennial	Nechako River	Fraser	S3	10	412876	5998335	Y	*	*	*	*	RB	*	*	M	M	H	L	M	*	Nechako River (FB) -1.4 km DS	0.085	4	3	No	No	Moderate	Jul 15 - Apr 15	Jul 15 - Apr 15
84	345.8	Unnamed Channel	Seasonal	Nechako River	Fraser	S5	10	415064	5998341	Y	*	Y	*	*	No fish captured or observed	*	No fish captured or observed	L	L	L	L	L	*	Nechako River (FB) -3.7 km DS	0.011	4	3	Overland flow, beaver dam and dry DS in 2006	No	Low	Open	Open
83	346.8	Unnamed Wetland	Wetland	Trankle Creek	Fraser	W2	10	416078	5998417	Y	*	Y	*	*	LSU	*	No fish captured or observed	L	L	M	L	L	Trankle Creek (FB) -200 m DS (82)	*	*	*	Logfill on access road	No	Moderate	Open	TBD	
82	347.1	Trankle Creek	Perennial	Nechako River	Fraser	S3	10	416370	5998422	Y	Y	*	*	*	RB	No fish observed	*	M	L/M	M/H	L	M	*	Nechako River (FB) -11.6 km DS	0.078	3.4	2	No	No	Moderate	Jul 15 - Apr 15	Jul 15 - Apr 15
81	347.2	Unnamed Wetland	Wetland	Trankle Creek	Fraser	W4	10	416478	5998428	Y	*	*	*	*	*	*	N	N	N	N	N	*	Trankle Creek (FB) -300 m DS (82)	*	*	*	*	No	Low	Open	Open	
80N	349.6	Redmond Creek	Seasonal	Nechako River	Fraser	S6	10	418843	5998438	Y	*	Y	*	*	No fish captured or observed	*	*	L	L	M	L	L	*	Nechako River (FB) -9.6 km DS	0.023	1.88	3	Falls, woody debris jams, and dry in 2006	No	Low	Open	Open
79a	349.8	NCD	NCD	Redmond Creek	Fraser	NCD	10	419025	5998482	Y	*	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open		
79	350.7	NCD	NCD	Unnamed Tributary to Redmond Creek	Fraser	NCD	10	419859	5998625	Y	*	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open		
78	350.7	Unnamed Channel	Perennial	Redmond Creek	Fraser	S6	10	419868	5998611	Y	*	Y	*	*	No fish captured or observed	*	No fish captured or observed	L	L	M	L	L	*	Redmond Creek (NFB) -5.2 km DS	0.004	1.8	2	Falls, subsurface flow, hanging culvert and beaver dam	No	Low	Open	Open
77	351.0	NCD	NCD	Unnamed Tributary to Redmond Creek	Fraser	NCD	10	420207	5998630	Y	*	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open		
76	351.6	NCD	NCD	Unnamed Tributary to Redmond Creek	Fraser	NCD	10	420790	5998639	Y	*	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open		
75	352.4	Unnamed Channel	Seasonal	Unnamed Tributary to Redmond Creek	Fraser	S6	10	421595	5998633	Y	*	Y	*	*	No fish captured or observed	*	*	L	L	M	L	M	*	Unnamed tributary (NFB) to Redmond Creek -1.5 km DS	0.0313	1.4	3	Dry in 2006	No	Low	Open	Open
74	354.2	NCD	NCD	Unnamed Tributary to the Nechako River	Fraser	NCD	10	423428	5998637	Y	*	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open		
73b	355.9	NCD	NCD	Clear Creek	Fraser	NCD	10	425059	5998680	Y	*	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open		
73a	355.9	NCD	NCD	Clear Creek	Fraser	NCD	10	425106	5998682	Y	*	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open		
73	356.8	Clear Creek	Wetland at the ROW, Channel ds from ROW	Nechako River	Fraser	S3 (W1 at ROW)	10	425987	5998918	Y	Y	*	*	*	RB, LKC	*	*	M	M	H	M	L/M	*	Nechako River (FB) -10.8 km DS	Winter 0.8183	4.5 (ds from the ROW)	3	Beaver dam partial barrier	No	Moderate	Jul 15 - Apr 15	Jul 15 - Apr 15
72	357.0	Unnamed wetland	Wetland	Clear Creek	Fraser	W2	10	426139	5998857	Y	*	Y	*	*	No fish captured or observed	*	*	L	L	M	L	L	Clear Creek (FB) -100 m DS	*	*	*	*	Beaver Dam and Dry in 2006	No	Low	Open	Open
71z	357.2	NCD	NCD	Clear Creek	Fraser	NCD	10	426297	5998823	Y	*	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open		
71	358.0	NCD	NCD	Clear Creek	Fraser	NCD	10	427070	5998984	Y	*	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open		
70	359.5	NCD	NCD	Clear Creek	Fraser	NCD	10	428573	5999322	Y	*	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open		

KSL Project: WATERCOURSE CROSSING SUMMARY TABLE

AAR ID No.	KP	Watercourse Name	Watercourse Type <sup>1</sup>	Mainstem	Watershed	Provincial Class <sup>2</sup>	UTM Coordinates NAD83			Surveys					Species Present <sup>3</sup>			Habitat Potential <sup>4</sup>						Flow (m <sup>3</sup> /s)	Max Channel Width (m)	Gradient (%)	Movement Barrier	Navigability	Fish Sensitivity <sup>5</sup>	Provincial and Federal Timing Windows			
							Zone	Easting	Northing	Fall 05	Winter 06	Summer 06	Fall 06	Spring 07	Fall	Winter	Spring/ Summer	Spring Spawning	Fall Spawning	Rearing	Wintering	Migration	Parent Channel within ZOI							Parent Channel outside ZOI	BC	DFO	
69N	361.8	NCD	NCD	Clear Creek	Fraser	NCD	10	430826	5999589	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open		
68	362.7	NCD	NCD	Unnamed tributary to QH Creek	Fraser	NCD	10	431728	5999664	Y	*	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open			
67	364.4	Unnamed wetland	Wetland	QH Creek	Fraser	W1	10	433341	6000072	Y	Y	Y	*	*	No fish captured or observed	*	No fish captured or observed	M	M	M/H	M	M	*	QH Creek (FB) 12.7 km DS	*	*	*	*	Beaver Dam	No	Low	Open	Open
66	365.5	NCD	NCD	Unnamed tributary to QH Creek	Fraser	NCD	10	434476	6000031	Y	*	Y	*	*	No fish captured or observed	*	No fish captured or observed	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open		
65	366.6	NCD	NCD	Unnamed tributary to QH Creek	Fraser	NCD	10	435493	6000000	Y	*	*	*	*	*	*	N	N	N	N	N	*	*	*	*	3	*	*	Low	Open	Open		
64	367.5	NCD	NCD	Unnamed tributary to QH Creek	Fraser	NCD	10	436427	5999939	Y	*	*	*	*	*	*	L	L	L	L	L	*	*	*	*	5	*	*	Low	Open	Open		
63	368.4	NCD	NCD	Unnamed tributary to QH Creek	Fraser	NCD	10	437334	6000199	Y	*	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open			
62a	369.0	NCD	NCD	Unnamed tributary to QH Creek	Fraser	NCD	10	437852	6000289	Y	*	*	*	*	*	*	N	N	N	N	N	*	*	*	*	2	*	*	Low	Open	Open		
62	370.1	QH Creek	Perennial	Stuart River	Fraser	S3	10	438938	6000410	Y	Y	Y	*	*	No fish captured or observed	No fish observed	RB	M	M	H	L	H	*	Stuart River (FB) -10 km DS	0.0765	2.6	4	Dry sections in summer	No	Moderate	Jul 15 - Apr 15	Jul 15 - Apr 15	
61a	371.4	NCD	NCD	QH Creek	Fraser	NCD	10	438893	6001073	Y	*	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open			
61	372.3	Unnamed channel	Perennial	QH Creek	Fraser	S3	10	440834	6001314	Y	*	Y	*	*	No fish captured or observed	*	RB	M	M	H	L	H	QH Creek (FB) -300 m DS	*	0.0651	2.74	4	Dry sections in summer and blocked culvert	No	Moderate	Jul 15 - Apr 15	Jul 15 - Apr 15	
58	373.6	Unnamed wetland	Wetland	QH Creek	Fraser	W2	10	442033	6001311	Y	*	Y	*	*	No fish captured or observed	*	No fish captured or observed	L	L	M	L	L	*	Unnamed Channel (NFB) -700 m DS (QH Creek watershed)	*	*	*	Isolated pools	No	Low	Open	Open	
57	373.8	Unnamed wetland	Wetland	QH Creek	Fraser	W1	10	442200	6001289	Y	*	Y	*	*	No fish captured or observed	*	No fish captured or observed	L	L	M	L	L	*	Unnamed Channel (NFB) -600 m DS (QH Creek watershed)	*	*	*	Beaver dam, dry DS in summer	No	Low	Open	Open	
56a	374.0	NCD	NCD	QH Creek	Fraser	NCD	10	442374	6001276	Y	*	*	*	*	*	*	L	L	L	L	L	*	*	*	*	2	*	*	Low	Open	Open		
56	374.2	Unnamed wetland	Wetland	QH Creek	Fraser	W2	10	442625	6001166	Y	*	Y	*	*	No fish captured or observed	*	No fish captured or observed	L	L	M	L	L	*	Unnamed tributary to QH Creek (NFB) -2.2 km DS	*	*	*	Beaver Dam	No	Low	Open	Open	
55	375.1	NCD	NCD	Breadalbane Creek	Fraser	NCD	10	443499	6001063	Y	*	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open			
54	375.5	NCD	NCD	Breadalbane Creek	Fraser	NCD	10	443847	6001043	Y	*	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open			
53a	375.9	Unnamed wetland / NCD	Wetland upslope, NCD downslope	Breadalbane Creek	Fraser	W1	10	444266	6001022	Y	*	Y	*	*	No fish captured or observed	*	No fish captured or observed	L	L	M	L	L	*	Breadalbane Lake (FB) -800 m DS	*	*	*	Dam	No	Low	Open	Open	
53N	376.4	Breadalbane Creek	Perennial	Stuart River	Fraser	S3	10	444759	6000900	Y	Y	Y	*	*	RB, Albino RB	No fish observed	RB, UN	M	L	M	L	L/M	*	Stuart River (FB) -10 km DS	Fall 0.00411 Summer 0.00414	2.2	5	No	No	Moderate	Jul 15 - Apr 15	Jul 15 - Apr 15	
52AN	376.7	Unnamed Channel	Seasonal	Unnamed Tributary to Breadalbane Creek	Fraser	S6	10	444959	6000596	*	*	Y	*	*	*	*	L/N	L/N	L	L/N	L	*	*	Unnamed tributary to Breadalbane Creek (NFB) -500 m DS	*	1.1	4	Dry	No	Low	Open	Open	
52N	377.3	Unnamed Channel	Seasonal	Breadalbane Creek	Fraser	S6	10	445467	6000519	Y	*	Y	*	*	No fish captured or observed	*	*	L/N	L/N	L	L	L	*	Breadalbane Creek (FB) -800 m DS	*	1.1	3	Dry	No	Low	Open	Open	
49aN	380.4	NCD	NCD	Unnamed Tributary to Breadalbane Creek	Fraser	NCD	10	448431	6000880	*	*	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	2	*	*	Low	Open	Open		
49	381.2	NCD	NCD	Unnamed Tributary to Breadalbane Creek	Fraser	NCD	10	449163	6001076	Y	*	*	*	*	*	*	N	N	N	N	N	*	*	*	*	2	*	*	Low	Open	Open		
48	382.0	NCD	NCD	Welch Creek	Fraser	NCD	10	449945	6001194	Y	*	*	*	*	*	*	N	N	N	N	N	*	*	*	*	4	*	*	Low	Open	Open		

KSL Project: WATERCOURSE CROSSING SUMMARY TABLE

AAR ID No.	KP	Watercourse Name	Watercourse Type <sup>1</sup>	Mainstem	Watershed	Provincial Class <sup>2</sup>	UTM Coordinates NAD83			Surveys					Species Present <sup>3</sup>			Habitat Potential <sup>4</sup>						Flow (m <sup>3</sup> /s)	Max Channel Width (m)	Gradient (%)	Movement Barrier	Navigability	Fish Sensitivity <sup>5</sup>	Provincial and Federal Timing Windows				
							Zone	Easting	Northing	Fall 05	Winter 06	Summer 06	Fall 06	Spring 07	Fall	Winter	Spring/ Summer	Spring Spawning	Fall Spawning	Rearing	Wintering	Migration	Parent Channel within ZOI							Parent Channel outside ZOI	BC	DFO		
47	383.6	NVC	NVC	Welch Creek	Fraser	NVC	10	451555	6001424	Y	*	*	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	None	Open	Open			
46b	383.8	NCD	NCD	Welch Creek	Fraser	NCD	10	451733	6001454	Y	*	*	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open			
46a	384.2	NCD	NCD	Welch Creek	Fraser	NCD	10	452138	6001497	Y	*	*	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	Low	Open	Open			
46	384.4	Welch Creek	Seasonal	Stuart River	Fraser	S6	10	452337	6001521	Y	*	Y	*	*	*	*	L	L	M	L	L	*	*	Stuart River (FB) 2.8 km DS	*	2.02	3	Dry in fall 05 and summer 06	No	Low	Open	Open		
44	388.9	Stuart River	Perennial	Nechako River	Fraser	S1	10	456556	6002519	Y	Y	Y	*	*	*	*	L	L	H	H	H	*	*	Nechako River (FB) ~ 50 km DS	Neg.	102	1	No	Yes	High	Jul 15 - Aug 15	TBD		
43z	389.2	NCD	NCD	Stuart River	Fraser	NCD	10	456848	6002500	Y	*	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	*	Low	Open	Open			
43	389.9	Unnamed Channel	Seasonal	Stuart River	Fraser	S6	10	457461	6002807	Y	*	Y	*	*	*	*	L	L	L/M	L	M	*	*	Stuart River (FB) ~400 m DS	*	2.3	3	Dry in 2006	No	Low	Open	Open		
42z	389.9	NCD	NCD	Stuart River	Fraser	NCD	10	457459	6002804	Y	*	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	*	Low	Open	Open			
42y	390.3	NCD	NCD	Stuart River	Fraser	NCD	10	457845	6003027	Y	*	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	*	Low	Open	Open			
42a	392.5	Unnamed Channel	Seasonal	Crossing 42	Fraser	S6	10	459963	6003147	Y	*	Y	*	*	*	No fish captured or observed	*	No fish captured or observed	L	L	L	L	L	*	*	Unnamed tributary to the Stuart River (NFB) ~300 m DS (42)	*	0.9	8	1.4 m fall, dry in 2006 and beaver dam	No	Low	Open	Open
42	392.7	Unnamed Wetland	Wetland	Stuart River	Fraser	W2	10	460099	6003157	Y	*	Y	*	*	*	No fish captured or observed	*	No fish captured or observed	L	L	M	L	M	*	*	Stuart River (FB) 2.1 km DS	*	*	*	No	No	Low	Open	Open
41	392.8	Unnamed Channel	Seasonal	Stuart River	Fraser	S6	10	460216	6003200	Y	*	Y	*	*	*	*	L	L	L	L	L	*	*	Unnamed tributary to the Stuart River (NFB) ~200 m DS (42)	*	0.58	6-16	Dry sections in 2005, dry in 2006	No	Low	Open	Open		
40	394.0	Unnamed Channel	Seasonal	Stuart River	Fraser	S6	10	461320	6003503	Y	*	Y	*	*	*	*	M	L	M	L	L	*	*	Unnamed tributary to the Stuart River (NFB) ~1.4 km DS (42)	*	1.81	5-25	Dry Sections and Fall	No	Low	Open	Open		
39	395.0	Unnamed Wetland	Wetland	Stuart River	Fraser	W2	10	462326	6003759	Y	*	Y	*	*	*	No fish captured or observed	*	No fish captured or observed	L	L	M	L	M	*	*	Unnamed tributary to the Stuart River (NFB) ~3.7 km DS (42)	*	*	*	Beaver Dam and barriers at low flow	No	Low	Open	Open
36N	397.0	NCD	NCD	Chinohchey Creek	Fraser	NCD	10	464314	6003775	*	*	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	*	Low	Open	Open			
35N	399.6	Chinohchey Creek	Perennial	Stuart River	Fraser	S2	10	466637	6003262	*	*	Y	*	*	*	*	RB, SU	M	M	H	L	M	*	*	Stuart River (FB) ~3.2 km DS	0.024	6.95	3	No	No	High	Jul 15 - Apr 15	Jul 15 - Apr 15	
34N	401.4	NCD	NCD	Chinohchey Creek	Fraser	NCD	10	468166	6003681	*	*	Y	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	*	Low	Open	Open			
32	405.3	Unnamed Channel	Seasonal	Mandalay Creek	Fraser	S6	10	472079	6003454	Y	*	Y	*	*	*	*	M	L	M	L	M	*	*	Unnamed tributary to Shamrock Lake (NFB) ~2.6 km DS	0.065	2	4	Shallow water	No	Low	Open	Open		
31	407.4	NCD	NCD	Mandalay Creek	Fraser	NCD	10	474179	6002916	Y	*	*	*	*	*	*	L	L	L	L	L	*	*	*	*	*	*	*	Low	Open	Open			
30	409.9	NCD	NCD	Taginchil Creek	Fraser	NCD	10	476639	6003105	Y	*	*	*	*	*	*	L	L	L	L	L	*	*	*	*	*	*	*	Low	Open	Open			
29	412.9	Unnamed Wetland	Wetland	Hoodoo Creek	Fraser	W1	10	479523	6003763	Y	*	Y	*	*	*	No fish captured or observed	*	No fish captured or observed	L	L	M	L	M	*	*	Hoodoo Creek (NFB) ~100 m DS	*	*	*	Shallow water	No	Low	Open	Open
28	416.1	Unnamed Wetland	Wetland	Hoodoo Creek	Fraser	W1	10	482638	6004081	Y	*	Y	*	*	*	No fish captured or observed	*	No fish captured or observed	L	L	L	L	L	*	*	Unnamed tributary to Hoodoo Creek (NFB) ~1.3 km DS	*	*	*	Beaver Dam	No	Low	Open	Open
27N	417.0	Unnamed Channel	Perennial	Hoodoo Creek	Fraser	S3	10	483461	6004350	*	*	Y	*	*	*	*	RB	L/M	L	M	L	M/H	*	*	Hoodoo Creek (NFB) ~300 m DS	0.003	3.55	3	No	No	Moderate	Jul 15 - Apr 15	Jul 15 - Apr 15	
26N	419.2	NCD	NCD	Crocker Creek	Fraser	NCD	10	485629	6004899	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	*	Low	Open	Open		



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AAR ID No.	KP	Watercourse Name	Watercourse Type <sup>1</sup>	Mainstem	Watershed	Provincial Class <sup>2</sup>	UTM Coordinates NAD83			Surveys					Species Present <sup>3</sup>			Habitat Potential <sup>4</sup>						Flow (m <sup>3</sup> /s)	Max Channel Width (m)	Gradient (%)	Movement Barrier	Navigability	Fish Sensitivity <sup>5</sup>	Provincial and Federal Timing Windows					
							Zone	Easting	Northing	Fall 05	Winter 06	Summer 06	Fall 06	Spring 07	Fall	Winter	Spring/ Summer	Spring Spawning	Fall Spawning	Rearing	Wintering	Migration	Parent Channel within ZOI							Parent Channel outside ZOI	BC	DFO			
25N	422.9	Crocker Creek	Seasonal	Salmon River	Fraser	TBD	10	489246	6005320	*	Y	Y	*	*	*	No fish observed	No fish captured or observed	L/M	L	L/M	L	L	*	Nukko Creek (NFB) -12.5 km DS	0.064	5.6	3	Dry sections	No	Low	TBD	TBD			
24N	424.8	Crocker Creek	Perennial	Salmon River	Fraser	S2	10	491047	6005656	*	*	Y	*	*	*	*	RB, UN	M	L	H	L	M	*	Nukko Creek (NFB) -9.8 km DS	*	5.9	2	No	No	Moderate	Jul 15 - Apr 15	Jul 15 - Apr 15			
23N	425.5	Crocker Creek	Seasonal	Salmon River	Fraser	S2	10	491728	6005729	*	*	Y	*	*	*	*	RB, RSC, BB	M	L	M/H	L	M	*	Nukko Creek (NFB) -9 km DS	0.0093	8.9	2	No	No	Moderate	Jul 15 - Jan 15	TBD			
22N	427.2	Unnamed Channel	Seasonal	Crocker Creek	Fraser	TBD	10	493380	6005999	*	*	Y	*	*	*	*	*	L	L	L/M	L	L	*	Unnamed tributary Crocker Creek (FB) -200 m DS (21N)	*	1.6	2	Dry sections	No	TBD	Open	Open			
21N	427.3	Unnamed Channel	Seasonal	Crocker Creek	Fraser	S3	10	493540	6006001	*	*	Y	N - Fall '06	*	*	*	LKC	L	L	M	L	L	*	Crocker Creek (FB) -950 m DS (24N and 23N)	*	1.9	2	Beaver Dam	No	Low	Open	Open			
20AN	429.7	Unnamed Channel	Seasonal	Salmon River	Fraser	TBD	10	495633	6006121	*	*	Y	*	*	*	*	No fish captured or observed	L/M	L/M	L/M	L	L	*	Salmon River (FB) -600 m DS	*	3.45	2	Dry	No	TBD	TBD	TBD			
20N	430.3	Salmon River	Perennial	Fraser River	Fraser	S1	10	496075	6006592	Y	Y	Y	*	*	*	MW, RB, BB, LNC, CCG, WSU, CH, SK on redd	No fish observed	*	H	H	H	H	H	*	Fraser River (FB) -77 km DS	Fall 14.29 Summer 1.18	53	2	No	Yes	High	Jul 15 - Aug 15	TBD		
19	432.3	NCD	NCD	Salmon River	Fraser	NCD	10	497975	6007272	Y	*	*	*	*	*	*	*	N	N	N	N	N	*	*	*	*	2	*	*	Low	Open	Open			
18a	432.5	NCD	NCD	Salmon River	Fraser	NCD	10	498107	6007293	Y	*	*	*	*	*	*	*	N	N	N	N	N	*	*	*	*	2	*	*	Low	Open	Open			
18	432.8	NVC	NVC	Salmon River	Fraser	NVC	10	498460	6007338	Y	*	*	*	*	*	*	*	N	N	N	N	N	*	*	*	*	3	*	*	None	Open	Open			
17	433.8	NCD	NCD	Salmon River	Fraser	NCD	10	499423	6007469	Y	*	*	*	*	*	*	*	N	N	N	N	N	*	*	*	*	1	*	*	Low	Open	Open			
16	434.1	Unnamed Channel	Perennial	Salmon River	Fraser	S3	10	499689	6007599	Y	*	Y	*	*	*	*	BMC, UN juvenile suckers	*	LKC	L (BMC H)	L	M (BMC H)	BMC	L	L	*	Salmon River (FB) -6 km DS	0.108	2.6	2	Beaver Dam	No	Moderate	Open	TBD
15z	434.3	NCD	NCD	Unnamed tributary to the Salmon River	Fraser	NCD	10	499867	6007718	Y	*	*	*	*	*	*	*	L	L	L	L	L	*	*	*	*	*	*	*	Low	Open	Open			
15	437.5	Unnamed Wetland	Wetland	Salmon River	Fraser	W2	10	502924	6008534	Y	*	Y	*	*	*	*	No fish captured or observed	*	No fish captured or observed	L	L	L	L	L	*	Unnamed Channel (NFB) -400 m DS	*	*	*	lacks connectivity	No	Low	Open	Open	
14	437.9	NCD	NCD	Salmon River	Fraser	NCD	10	503340	6008601	Y	*	*	*	*	*	*	*	L	L	L	L	L	*	*	*	*	*	*	*	Low	Open	Open			
13a	439.6	NCD	NCD	Salmon River	Fraser	NCD	10	505063	6008900	Y	*	Y	*	*	*	*	No fish captured or observed	*	No fish captured or observed	L	L	L	L	L	*	*	*	*	2	*	*	Low	Open	Open	
13	440.3	Unnamed Channel	Perennial	Salmon River	Fraser	S3	10	505686	6009078	Y	Y	*	*	*	*	*	RB, CH, BMC	No fish observed	*	L (BMC H)	L	H	L (BMC H)	M	Salmon River (FB) -400 m DS	*	0.0148	3.7	2	No	No	High	Jul 15 - Aug 15	TBD	
12	441.2	Salmon River	Perennial	Fraser River	Fraser	S1	10	506549	6009265	Y	Y	Y	*	*	*	MW, CH, WSU	No fish observed	Observed SK, CH, several redds and abundant juveniles	H	H	H	H	H	*	Fraser River (FB) -55 km DS	Fall 15.066 Summer 1.73	45	1	No	Yes	High	Jun 15 - Jul 15	Jun 15 - Jul 15		
11	441.9	NCD	NCD	Unnamed tributary to the Salmon River	Fraser	NCD	10	507242	6009353	Y	*	Y	*	*	*	*	No fish captured or observed	*	No fish captured or observed	L	L	L	L	L	*	*	*	*	1	*	*	Low	Open	Open	
10b	443.5	NCD	NCD	Unnamed tributary to the Salmon River	Fraser	NCD	10	508787	6009541	Y	*	*	*	*	*	*	*	L	L	L	L	L	*	*	*	*	*	1	*	*	Low	Open	Open		
10a	444.0	NCD	NCD	Unnamed tributary to the Salmon River	Fraser	NCD	10	509296	6009619	Y	*	*	*	*	*	*	*	L	L	L	L	L	*	*	*	*	*	*	*	Low	Open	Open			
10	445.3	NCD	NCD	Pastor Creek	Fraser	NCD	10	510569	6009518	Y	*	*	*	*	*	*	*	L	L	L	L	L	*	*	*	*	2	*	*	Low	Open	Open			
9a	446.0	NCD	NCD	Pastor Creek	Fraser	NCD	10	511342	6009440	Y	*	*	*	*	*	*	*	L	L	L	L	L	*	*	*	*	1	*	*	Low	Open	Open			
9	446.4	NCD	NCD	Pastor Creek	Fraser	NCD	10	511718	6009443	Y	*	*	*	*	*	*	*	L	L	L	L	L	*	*	*	*	2	*	*	Low	Open	Open			

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AAR ID No.	KP	Watercourse Name	Watercourse Type <sup>1</sup>	Mainstem	Watershed	Provincial Class <sup>2</sup>	UTM Coordinates NAD83			Surveys					Species Present <sup>3</sup>			Habitat Potential <sup>4</sup>						Flow (m <sup>3</sup> /s)	Max Channel Width (m)	Gradient (%)	Movement Barrier	Navigability	Fish Sensitivity <sup>5</sup>	Provincial and Federal Timing Windows		
							Zone	Easting	Northing	Fall 05	Winter 06	Summer 06	Fall 06	Spring 07	Fall	Winter	Spring/ Summer	Spring Spawning	Fall Spawning	Rearing	Wintering	Migration	Parent Channel within ZOI							Parent Channel outside ZOI	BC	DFO
8	447.2	Unnamed Wetland	Wetland	Pastor Creek	Fraser	W1	10	512453	6009611	Y	Y	Y	*	*	BMC	*	BMC, LKC	L	L	M	M	L	*	Pastor Creek (NFB) -850 m DS	*	*	*	Man-made berm	No	Moderate	TBD	TBD
7a	448.0	NCD	NCD	Salmon River	Fraser	NCD	10	513270	6009693	Y	*	*	*	*	*	*	*	L	L	L	L	L	*	*	*	*	2	*	*	Low	Open	Open
7	449.2	Salmon River	Perennial	Fraser River	Fraser	S1	10	514472	6009911	Y	Y	Y	*	*	MW	No fish observed	LNC, LDC, WSU, LSU, BB, RB	H	M/H	H	H	H	*	Fraser River (FB) -36 km DS	Fall 21.955 Summer 1.8678	76	1	No	Yes	High	Jul 15 - Sep 15	Jul 15 - Sep 15
6N	449.6	NCD	NCD	Salmon River	Fraser	NCD	10	514886	6009948	*	*	Y	*	*	*	*	*	N	N	N	N	N	*	*	*	*	1	*	*	Low	Open	Open
RA 5b	450.1	Unnamed Channel	Seasonal	Salmon River	Fraser	S3	10	515346	6010028	*	*	*	*	Y	*	*	MW, LSU, WSU	L	L	M	L	M	*	Salmon River (FB) -600 m DS	0.1305	3.2	3	No	No	TBD	Jun 1 - Sep 15	Jun 1 - Sep 15
RA 5a	450.7	Unnamed channel	Seasonal	Salmon River	Fraser	TBD	10	515853	6010424	*	*	*	*	Y	TBD	TBD	TBD	L	L	L/M	L	L	*	Salmon River (FB) -1.4 km DS	0.0074	1.1	5	No	No	TBD	Open	Open
4z	452.4	NCD	NCD	EM & K Lake	Fraser	NCD	10	517427	6010994	Y	*	Y	*	*	No fish captured or observed	*	No fish captured or observed	L	L	L	L	L	*	*	*	*	1.5	*	*	Low	Open	Open
4a	453.0	NCD	NCD	EM & K Lake	Fraser	NCD	10	517901	6011247	Y	*	*	*	*	*	*	*	L	L	L	L	L	*	*	*	*	1	*	*	Low	Open	Open
4	455.0	Balsam Creek	Perennial	Echo Creek	Peace	S3	10	519753	6011884	Y	*	Y	*	*	No fish captured or observed	*	BMC	L	L	L	L	L	*	Echo Creek (FB) -800 m DS	*	2	2	Beaver dam upstream from crossing (1.5m high)	No	Low	TBD	TBD
3b	455.6	NCD	NCD	Echo Creek	Peace	NCD	10	520310	6011882	Y	*	*	*	*	*	*	*	L	L	L	L	L	*	*	*	*	*	*	*	Low	Open	Open
3a	455.7	Unnamed Channel	Seasonal	Echo Creek	Peace	S6	10	520361	6011884	Y	*	Y	*	*	*	*	No fish captured or observed	L	L	L	L	L	*	Echo Creek (FB) -300 m DS	*	1.01	2	Shallow in fall and dry in summer	No	Low	Open	Open
3	455.8	Echo Creek	Perennial	Echo Lake	Peace	S2	10	520512	6011870	Y	*	*	*	*	RB, LSU, PCC	*	*	M	L	M/H	L	M	*	Echo Lake (FB) -1 km DS	0.0113	19.3	3	Beaver dam partial barrier	No	Moderate	Jul 15 - Apr 15	Jul 15 - Apr 15
2	458.7	Thorps Creek	Perennial	Summit Lake	Peace	S4	10	522589	6013506	Y	*	Y	*	*	BMC, NSC	*	BMC	L	L	L	L	L	*	Summit Lake (FB) -700 m DS	0.0035	1.45	1	blocked culvert at the crossing	No	Low	Open	TBD
1c	459.5	NCD	NCD	Summit Lake	Peace	NCD	10	523245	6013969	Y	*	*	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	*	Low	Open	Open
1b	460.3	NCD	NCD	Summit Lake	Peace	NCD	10	523926	6014298	Y	*	*	*	*	*	*	*	N	N	N	N	N	*	*	*	*	*	*	*	Low	Open	Open
1a	461.2	NCD	NCD	Summit Lake	Peace	NCD	10	524452	6014839	Y	*	*	*	*	*	*	*	N	N	N	N	N	*	*	*	*	2	*	*	Low	Open	Open
1	461.6	Miller Creek	Perennial	Summit Lake	Peace	S3	10	524638	6015242	Y	*	Y	*	*	No fish captured or observed	*	BMC, NSC	L	L	M	L	L	*	Summit Lake (FB) -1 km DS	0.0099	1.6	2	Dry sections in summer	No	Low	Open	TBD

KSL Project: WATERCOURSE CROSSING SUMMARY TABLE

\* Not applicable or no data collected

1 Watercourse Type: Perennial = A watercourse that flows year round, vary in size, provide year round habitat for fish  
 Seasonal = A watercourse that flows for part of the year only  
 Intermittent = Usually a function of seasonality. Generally do not dry up completely, may retain water in isolated pools or connected by sub-surface flow. Can represent important migration routes or spawning or rearing habitat.  
 Ephemeral = A watercourse present at different periods in time. Variance may spans years, with watercourse becoming vegetated during periods of no flow.  
 NVC = No Visible Channel; a depression with no visible bed or banks and no direct/indirect fisheries potential.  
 NCD = Non Classified Drainage; British Columbia designation for a watercourse with a continuous channel less than 100 m in length and no direct/indirect fisheries potential.  
 Wetland = An area of swamp, marsh, or other similar habitat with distinct vegetation and where the water table is at, near or above the surface.

2 Provincial Class:

S 1 Fish Bearing  
 S 2 Fish Bearing  
 S 3 Fish Bearing  
 S 4 Fish Bearing  
 S 5 Non Fish Bearing  
 S 6 Non Fish Bearing

W1 -W4 Simple Wetlands

W5 = Wetland Complex

NCD = Non Classified Drainage; British Columbia designation for a watercourse with a continuous channel less than 100 m in length and no direct/indirect fisheries potential.

NVC = No Visible Channel; a depression with no visible bed or banks and no direct/indirect fisheries potential.

3 Species: Provincial Code

Burbot	BB
Brassy Minnow	BMC
Bridgelp Sucker	BSU
Prickly Sculpin	CAS
General Sculpin	CC
Slimy Sculpin	CCG
Coastal Cutthroat Trout	CCT
Chinook Salmon	CH
Chum Salmon	CM
Coho Salmon	CO
Largescale Sucker	CSU
Cutthroat Trout	CT
Dolly Varden	DV
Leopard Dace	LDC
Lake Chub	LKC
Longnose Dace	LNC
Longnose Sucker	LSU
Mountain Whitefish	MW
Northern Squawfish	NSC
Pearmouth Chub	PCC
Pink Salmon	PK
Pacific Lamprey	PL
Rainbow Trout	RB
Redside Shiner	RSC
Sockeye Salmon	SK
Steelhead	ST
Unknown Sucker	SU
Unknown trout	TR
Threespine Stickleback	TSB
Unknown species	UN
White Sucker	WSU

4 Habitat Potential:

NA = Not Applicable  
 N = None  
 L = Low  
 M = Medium  
 H = High

5 Fish Sensitivity:

Low  
 Moderate  
 High  
 None