

Table 2: Potential sampling locations.

Site ID	Stream Name	Watershed Code	UTM Zone	UTM Easting	UTM Northing	Watershed Group Code
12200024	–	100-593800-03100-20600-0000-0000-000-000-000-000-000-000	10	515409	5989806	LSAL
12202167	–	100-593800-25800-29500-0000-0000-000-000-000-000-000-000	10	496209	5999657	LSAL
126267	Stephanie Cr.	100-596500-54900-00000-0000-0000-000-000-000-000-000-000	10	583374	5911978	WILL
126290	Hay Creek	100-596500-03300-00000-0000-0000-000-000-000-000-000-000	10	537250	5991350	WILL
126316	Wansa Creek	100-596500-15700-00000-0000-0000-000-000-000-000-000-000	10	551588	5970657	WILL
196051	Unnamed	100-574400-00000-00000-0000-0000-000-000-000-000-000-000	10	526285	5978523	TABR
196072	Cale Creek	100-553400-00000-00000-0000-0000-000-000-000-000-000-000	10	522679	5956610	TABR
196085	Tabor Creek	100-559300-00000-00000-0000-0000-000-000-000-000-000-000	10	518502	5962002	TABR
196151	Cale Creek	100-553400-00000-00000-0000-0000-000-000-000-000-000-000	10	524160	5957999	TABR
196201	Haggith Creek	100-560100-00000-00000-0000-0000-000-000-000-000-000-000	10	521127	5965112	TABR
196207	Hudson Bay Slough	100-567900-00000-00000-0000-0000-000-000-000-000-000-000	10	516996	5972733	TABR
196264	Parkridge Creek	100-562800-00000-00000-0000-0000-000-000-000-000-000-000	10	515025	5966533	TABR
196328	Archer Creek	100-596500-82000-00000-0000-0000-000-000-000-000-000-000	10	573972	5894796	WILL
196340	Slough Creek	100-596500-90900-00000-0000-0000-000-000-000-000-000-000	10	590481	5882133	WILL
19702777	–	100-535900-08600-00000-0000-0000-000-000-000-000-000-000	10	517279	5936628	TABR
19703257	Tabor Creek	100-559300-00000-00000-0000-0000-000-000-000-000-000-000	10	518845	5961982	TABR
19703286	Bittner Creek	100-572700-00000-00000-0000-0000-000-000-000-000-000-000	10	521864	5976392	TABR

Site ID	Stream Name	Watershed Code	UTM Zone	UTM Easting	UTM Northing	Watershed Group Code
19703295	–	100-587900-00000-00000-0000- 0000-000-000-000-000-000-000	10	526448	5985791	TABR
19703303	Bertschi Creek	100-580500-00000-00000-0000- 0000-000-000-000-000-000-000	10	522978	5980978	TABR
19703358	Trapping Creek	100-536400-00000-00000-0000- 0000-000-000-000-000-000-000	10	520105	5935908	TABR
199171	Tributary To Fraser Lake	180-374000-33800-00000-0000- 0000-000-000-000-000-000-000	10	388945	5997015	FRAN
199172	Scotch Creek	180-374000-36600-00000-0000- 0000-000-000-000-000-000-000	10	388276	5996951	FRAN
199173	Tributary To Nechako River	180-364700-00000-00000-0000- 0000-000-000-000-000-000-000	10	398947	5996427	NECR
199190	Clear Creek	180-296000-00000-00000-0000- 0000-000-000-000-000-000-000	10	425559	5996140	NECR
199237	Snowshoe Creek	100-770300-00000-00000-0000- 0000-000-000-000-000-000-000	10	650784	5934858	MORK
199260	Tributary To Sugarbowl Creek	100-683800-01900-12800-0000- 0000-000-000-000-000-000-000	10	587921	5972449	MORK
199267	Driscoll Creek	100-698700-00000-00000-0000- 0000-000-000-000-000-000-000	10	606373	5965784	MORK
199278	Teepee Creek	100-907400-42800-00000-0000- 0000-000-000-000-000-000-000	11	344022	5862734	UFRA
24400646	Rucheon Creek	100-596500-84300-21000-0000- 0000-000-000-000-000-000-000	10	577020	5886032	WILL
24401504	Tsadestsä Creek	100-596500-10600-00000-0000- 0000-000-000-000-000-000-000	10	536470	5981315	WILL
24401692	–	100-596500-11200-00000-0000- 0000-000-000-000-000-000-000	10	541465	5981577	WILL
24402183	–	100-596500-11100-00000-0000- 0000-000-000-000-000-000-000	10	541358	5981709	WILL
24723694	Cale Creek	100-553400-00000-00000-0000- 0000-000-000-000-000-000-000	10	521645	5955176	TABR
24723695	Red Rock Creek	100-545900-00000-00000-0000- 0000-000-000-000-000-000-000	10	521513	5949553	TABR

Site ID	Stream Name	Watershed Code	UTM Zone	UTM Easting	UTM Northing	Watershed Group Code
24727190	Wansa Creek	100-596500-15700-00000-0000- 0000-000-000-000-000-000-000	10	556416	5962053	WILL
7622	Unn Flows Into Fraser Lake	180-374000-33800-00000-0000- 0000-000-000-000-000-000-000	10	388738	5997154	FRAN

**Table 3: Potential sample site details**

<b>Site ID</b>	<b>Stream Name</b>	<b>Species Upstream</b>	<b># Fish Tags</b>
12200024	–	BB;C;EB;LKC;LNC;LSU;NSC;RB;RSC	150
12202167	–	–	150
126267	Stephanie Cr.	RB	150
126290	Hay Creek	BB;BMC;BT;CAS;CC;CH;CSU;DV;LDC;LKC;LSU;MW;NSC;PCC;RB;RSC;SP;SU;WSU	150
126316	Wansa Creek	CBC;CH;CT;DV;RB;RSC;SP;SU;WF	150
196051	Unnamed	–	150
196072	Cale Creek	CSU;EB;LNC;LSU;MW;NSC;PCC;RB;RSC	150
196085	Tabor Creek	BB;C;CSU;DV;EB;LKC;LSU;MW;NSC;PCC;RB;RSC;SB;SP;SU	150
196151	Cale Creek	CSU;EB;LSU;MW;NSC;PCC;RB;RSC	150
196201	Haggith Creek	–	150
196207	Hudson Bay Slough	LKC;RB	150
196264	Parkridge Creek	RB;SP	150
196328	Archer Creek	BT;RB	150
196340	Slough Creek	BB;CCG;LKC;RB;SP;WSU	150
19702777	–	–	150
19703257	Tabor Creek	BB;C;CSU;DV;EB;LKC;LSU;MW;NSC;PCC;RB;RSC;SB;SP;SU	150
19703286	Bittner Creek	CCG;CSU;LSU;RB;RSC;SU	150
19703295	–	–	150
19703303	Bertschi Creek	–	150
19703358	Trapping Creek	RB	150
199171	Tributary To Fraser Lake	–	150
199172	Scotch Creek	–	150
199173	Tributary To Nechako	SP	150

Site ID	Stream Name	Species Upstream	# Fish Tags
199237	Snowshoe Creek	EB;LKC;RB;RSC;ST	150
199260	Tributary To Sugarbowl Creek	–	150
199267	Driscoll Creek	CCG;RB	150
199278	Teepee Creek	SA	150
24400646	Ruchon Creek	RB	150
24401504	Tsadebtsa Creek	–	150
24401692	–	–	150
24402183	–	–	150
24723694	Cale Creek	CSU;EB;LNC;LSU;MW;NSC;PCC;RB;RSC	150
24723695	Red Rock Creek	RSC	150
24727190	Wansa Creek	CBC;CH;CT;DV;RB;RSC;SP;SU;WF	150
7622	Unn Flows Into Fraser Lake	–	150

Table 4: Fish species recorded in the Fisheries Information Summary System within the freshwater atlas watershed group areas where the potential sample sites are located.

Scientific Name	Species Name	BC List	COSEWIC	Francois Lake	Lower Chilako	Lower Salmon	Morkill	Nechako	Tabor	Upper Fraser	Willow
Acipenser transmontanus	White Sturgeon	No Status	E/T (Nov 2012)	Yes	Yes	–	Yes	Yes	Yes	–	–
Carassius auratus	Goldfish	Exotic	–	–	Yes	–	–	–	–	–	–
Catostomus catostomus	Longnose Sucker	Yellow	–	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Catostomus columbianus	Bridgelip Sucker	Yellow	–	Yes	–	Yes	–	Yes	Yes	–	–
Catostomus commersonii	White Sucker	Yellow	–	Yes	Yes	Yes	Yes	Yes	Yes	–	Yes
Catostomus macrocheilus	Largescale Sucker	Yellow	–	Yes	Yes	Yes	Yes	Yes	Yes	–	Yes
Catostomus platyrhynchus	Northern Mountain Sucker	Blue	SC (Nov 2010)	–	Yes	–	–	–	–	–	–

Scientific Name	Species Name	BC List	COSEWIC	Francois Lake	Lower Chilako	Lower Salmon	Morkill	Nechako	Tabor	Upper Fraser	Willow
Chrosomus neogaeus	Finescale Dace	Yellow	–	Yes	–	–	–	–	–	–	–
Coregonus clupeaformis	Lake Whitefish	Yellow	–	Yes	Yes	Yes	–	Yes	–	–	Yes
Cottus asper	Prickly Sculpin	Yellow	–	Yes	Yes	Yes	Yes	Yes	Yes	–	Yes
Cottus cognatus	Slimy Sculpin	Yellow	–	Yes	Yes	–	Yes	Yes	Yes	Yes	Yes
Cottus ricei	Spoonhead Sculpin	Yellow	NAR (May 1989)	Yes	–	–	–	–	–	Yes	–
Couesius plumbeus	Lake Chub	Yellow	DD	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cyprinus carpio	Carp	Exotic	–	Yes	–	–	–	–	–	–	–
Hybognathus hankinsoni	Brassy Minnow	No Status	–	Yes	Yes	Yes	–	Yes	Yes	–	Yes
Lota lota	Burbot	Yellow	–	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Micropterus salmoides	Largemouth Bass	Exotic	–	–	–	–	–	Yes	–	–	–
Mylocheilus caurinus	Peamouth Chub	Yellow	–	Yes	Yes	Yes	Yes	Yes	Yes	–	Yes
Oncorhynchus clarkii	Cutthroat Trout	No Status	–	Yes	–	–	–	–	–	–	Yes
Oncorhynchus gorboscha	Pink Salmon	Yellow	–	–	Yes	Yes	–	–	–	–	Yes
Oncorhynchus kisutch	Coho Salmon	Yellow	–	Yes	Yes	–	–	Yes	–	–	Yes
Oncorhynchus mykiss	Rainbow Trout	Yellow	–	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Oncorhynchus mykiss	Steelhead	Yellow	–	–	–	–	Yes	–	–	–	–
Oncorhynchus nerka	Kokanee	Yellow	–	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Oncorhynchus nerka	Sockeye Salmon	Yellow	–	Yes	Yes	–	Yes	Yes	–	Yes	–

Scientific Name	Species Name	BC List	COSEWIC	Francois Lake	Lower Chilako	Lower Salmon	Morkill	Nechako	Tabor	Upper Fraser	Willow
Oncorhynchus tshawytscha	Chinook Salmon	Yellow	E/T/SC (Dec 2018)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Prosopium coulterii	Pygmy Whitefish	Yellow	NAR (Nov 2016)	–	Yes	–	–	Yes	Yes	Yes	Yes
Prosopium cylindraceum	Round Whitefish	Yellow	–	–	–	–	Yes	–	–	–	–
Prosopium williamsoni	Mountain Whitefish	Yellow	–	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Ptychocheilus oregonensis	Northern Pikeminnow	Yellow	–	Yes	Yes	Yes	Yes	Yes	Yes	–	Yes
Rhinichthys cataractae	Longnose Dace	Yellow	–	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Rhinichthys falcatus	Leopard Dace	Yellow	NAR (May 1990)	Yes	Yes	Yes	–	Yes	Yes	–	Yes
Richardsonius balteatus	Redside Shiner	Yellow	–	Yes	Yes	Yes	Yes	Yes	Yes	–	Yes
Salvelinus confluentus	Anadromous Bull Trout	Blue	SC (Nov 2012)	–	–	–	–	Yes	–	–	–
Salvelinus confluentus	Bull Trout	Blue	SC (Nov 2012)	Yes	Yes	–	Yes	Yes	Yes	Yes	Yes
Salvelinus fontinalis	Brook Trout	Exotic	–	Yes	Yes	Yes	Yes	Yes	Yes	Yes	–
Salvelinus malma	Dolly Varden	Yellow	–	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Salvelinus namaycush	Lake Trout	Yellow	–	Yes	Yes	–	Yes	Yes	Yes	Yes	Yes
–	All Salmon	–	–	–	Yes	–	–	–	–	–	–
–	Arctic Char	–	–	–	–	–	–	–	–	–	Yes
–	Char, General	–	–	–	–	–	–	–	–	Yes	–
–	Chub (General)	–	–	Yes	Yes	Yes	–	Yes	–	–	Yes
–	Dace (General)	–	–	Yes	Yes	Yes	–	Yes	Yes	–	–