

Appendix V5-6Y

Freshwater Fish Community and Habitat Survey Sites,
1993-2017



Appendix V5-6Y. Freshwater Fish Community and Habitat Survey Sites, 1993-2017

Sampling		Alternate		Water Body		UTM		Fish Habitat										Fish Community								Tagging	Stomach Contents	Tissue Metals	Source
Year	Area	Water Body	Site Name in FEIS	Watershed	Type	Easting	Northing	AS	RS	BY	SL	HA	FHAP	SK	HM	HY	SHIM	AC	AG	BS	EF	FF	FY	GN	MT				
1995	LSA - North	Doris Lake		Doris	Lake	433819	7558230	-	X	X	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	LKTR, WKWH	Klohn-Crippen (1995)
1995	LSA - North	Tail Lake		Doris	Lake	435194	7557488	-	X	X	-	-	-	-	-	-	-	-	X	-	-	-	-	X	-	-	-	LKTR	Klohn-Crippen (1995)
1995	LSA - North	Patch Lake		Doris	Lake	434660	7549739	-	X	X	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	LKTR	Klohn-Crippen (1995)
1995	LSA - North	Ogama Lake		Doris	Lake	436553	7552003	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Klohn-Crippen (1995)
1995	LSA - North	Windy Lake		Windy	Lake	431631	7553268	-	X	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Klohn-Crippen (1995)
1995	LSA - North	Doris Inflow		Doris	Stream	434906	7553648	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Klohn-Crippen (1995)
1995	LSA - North	Doris Outflow		Doris	Stream	434067	7559440	-	X	-	-	X	-	-	-	-	-	-	X	-	X	-	-	-	-	-	-	-	Klohn-Crippen (1995)
1995	LSA - North	Tail Outflow		Doris	Stream	434507	7558925	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Klohn-Crippen (1995)
1995	LSA - North	Ogama Inflow		Doris	Stream	436585	7550895	-	X	-	-	X	-	-	-	-	-	-	X	-	X	-	-	-	-	-	-	-	Klohn-Crippen (1995)
1995	LSA - North	Ogama Outflow		Doris	Stream	435059	7555575	-	X	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	Klohn-Crippen (1995)
1996	LSA - North	Doris Lake		Doris	Lake	433819	7558230	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	X	-	-	-	LKTR, LKWH, LKCS	Rescan (1997)
1996	LSA - North	Patch Lake		Doris	Lake	434660	7549739	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	X	-	-	-	LKTR, LKWH	Rescan (1997)
1996	LSA - North	Ogama Lake		Doris	Lake	436553	7552003	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	X	-	-	-	LKTR	Rescan (1997)
1996	LSA - North	Windy Lake		Windy	Lake	431631	7553268	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	X	-	-	-	LKTR	Rescan (1997)
1996	LSA - North	Doris Inflow		Doris	Stream	434906	7553648	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (1997)
1996	LSA - North	Doris Outflow		Doris	Stream	434067	7559440	X	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	Rescan (1997)
1996	LSA - North	Patch Outflow		Doris	Stream	436374	7548748	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (1997)
1996	LSA - North	Ogama Inflow		Doris	Stream	436585	7550895	X	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (1997)
1996	LSA - North	Ogama Outflow		Doris	Stream	435059	7555575	X	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (1997)
1996	LSA - North	Windy Outflow		Windy	Stream	431104	7556456	X	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (1997)
1997	LSA - North	Doris Lake		Doris	Lake	433819	7558230	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	LKTR, LKWH	LKTR, LKWH	LKTR, LKWH	Rescan (1998)
1997	LSA - North	Patch Lake		Doris	Lake	434660	7549739	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	LKTR, LKWH	LKTR, LKWH	LKTR, LKWH	Rescan (1998)
1997	LSA - North	Windy Lake		Windy	Lake	431631	7553268	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	LKTR, LKWH	LKTR, LKWH	LKTR	Rescan (1998)
1997	LSA - North	Doris Inflow		Doris	Stream	434906	7553648	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	Rescan (1998)
1997	LSA - North	Doris Outflow		Doris	Stream	434067	7559440	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	Rescan (1998)
1997	LSA - North	Patch Inflow (DP05)		Doris	Stream	433917	7552321	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (1998)
1997	LSA - North	P.O. Inflow (DP06)		Doris	Stream	436237	7550004	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (1998)
1997	LSA - North	Patch Inflow (DP07)		Doris	Stream	435579	7544984	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (1998)
1997	LSA - North	Patch Inflow (DP08)		Doris	Stream	434686	7548179	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (1998)
1997	LSA - North	Ogama Inflow		Doris	Stream	436585	7550895	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	Rescan (1998)
1997	LSA - North	Ogama Outflow		Doris	Stream	435059	7555575	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	Rescan (1998)
1997	LSA - North	P.O. Inflow Unnamed outflow (DP14)		Doris	Stream	438061	7544639	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	Rescan (1998)
1997	LSA - North	Windy Inflow (DP13)		Windy	Stream	432186	7549480	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	Rescan (1998)
1997	LSA - North	Windy Outflow (DP02)		Windy	Stream	431434	7555586	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	Rescan (1998)
1997	LSA - North	Windy Outflow (DP10)		Windy	Stream	429891	7557185	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	Rescan (1998)
1997	LSA - North	Glenn Outflow (DP28)		Windy	Stream	431235	7563324	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	Rescan (1998)
1997	LSA - North	Glenn Outflow (DP12)		Windy	Stream	430679	7562276	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	Rescan (1998)
1997	LSA - North	All-weather route crossings		Doris	Stream	?	?	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	Rescan (1998)
1998	LSA - North	Koignuk River (KR1)		Koignuk	Stream	429533	7554951	X	-	-	-	X	-	-	-	-	-	-	X	-	-	-	-	X	-	-	-	-	Rescan (1999)
1998	LSA - North	Koignuk River (KR2)		Koignuk	Stream	429793	7553768	X	-	-	-	X	-	-	-	-	-	-	X	-	-	-	-	X	-	-	-	-	Rescan (1999)
1998	LSA - North	Koignuk River (KR3)		Koignuk	Stream	431623	7545486	X	-	-	-	X	-	-	-	-	-	-	X	-	-	-	-	X	-	-	-	-	Rescan (1999)
1998	LSA - North	Koignuk River (KR4)		Koignuk	Stream	432767	7539428	X	-	-	-	X	-	-	-	-	-	-	X	-	-	-	-	X	-	-	-	-	Rescan (1999)
1998	LSA - North	Koignuk River (KR5)		Koignuk	Stream	432215	7534845	X	-	-	-	X	-	-	-	-	-	-	X	-	-	-	-	X	-	-	-	-	Rescan (1999)
1998	LSA - North	Koignuk River (KR6)		Koignuk	Stream	432007	7534748	X	-	-	-	X	-	-	-	-	-	-	X	-	-	-	-	X	-	-	-	-	Rescan (1999)
2000	LSA - North	Doris Lake		Doris	Lake	433819	7558230	X	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2001)
2000	LSA - North	Tail Lake		Doris	Lake	435194	7557488	X	-	X	-	X	-	-	-	-	-	-	-	-	-	-	-	X	-	LKTR	LKTR	-	Rescan (2001)

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SK = snorkel survey, and SL = Small lake surface area estimation.

Fish Community Sampling Gears: AC = acoustics, AG = angling, BS = beach seine, EF = electrofishing, FF = fish fence, FY = fyke net, GN = gillnet, MT = minnow trap.

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X = survey conducted. Dashes indicate no surveys were conducted.

LSA = Local Study Area, RSA = Regional Study Area.

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Year	Area	Water Body	Site Name in FEIS	Watershed	Type	Easting	Northing	AS	RS	BY	SL	HA	FHAP	SK	HM	HY	SHIM	AC	AG	BS	EF	FF	FY	GN	MT				
2000	LSA - North	Ogama Lake		Doris	Lake	436553	7552003	-	-	X	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2001)	
2000	LSA - North	Doris Outflow		Doris	Stream	434067	7559440	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	Rescan (2001)	
2000	LSA - North	Tail Outflow		Doris	Stream	434507	7558925	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	Rescan (2001)	
2000	LSA - North	Boulder Creek Proposed road crossing 13	PRC 13	Koignuk	Stream	435473	7535125	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	Rescan (2001)	
2000	LSA - North	Boulder Creek Proposed road crossing 14	PRC 14	Koignuk	Stream	436435	7532319	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	Rescan (2001)	
2000	LSA - North	Boulder Creek Trib Proposed road crossing 15	PRC 15	Koignuk	Stream	435495	7529041	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	Rescan (2001)	
2000	LSA - North	Glenn Outflow		Windy	Stream	431319	7563144	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	Rescan (2001)	
2000	LSA - North	Roberts Bay IF All-weather route crossings 2	AWR 2	Roberts Bay	Stream	431834	7562024	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2001)	
2000	LSA - North	All-weather route crossings 3	AWR 3	Roberts Bay	Stream	432992	7561167	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2001)	
2000	LSA - North	Doris OF All-weather route crossings 4	AWR 4	Doris	Stream	433946	7559418	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	Rescan (2001)	
2000	LSA - North	Tail OF All-weather route crossings 5	AWR 5	Doris	Stream	434232	7558935	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	Rescan (2001)	
2000	LSA - North	Ogama OF All-weather route crossings 6	AWR 6	Doris	Stream	434975	7555327	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	Rescan (2001)	
2000	LSA - North	Doris IF C-TIA-02 All-weather route crossings 7	AWR 7	Doris	Stream	434911	7553413	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2001)	
2000	LSA - North	Doris IF C-TIA-03 All-weather route crossings 8	AWR 8	Doris	Stream	434679	7553162	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	Rescan (2001)	
2000	LSA - North	Patch IF C-TIA-01 All-weather route crossings 9	AWR 9	Doris	Stream	433709	7552377	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	Rescan (2001)	
2000	LSA - North	Patch IF C-TIA-01 All-weather route crossings 10	AWR 10	Doris	Stream	433374	7551997	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2001)	
2000	LSA - North	Patch Crossing 14 (N10) All-weather route crossings 11	AWR 11	Doris	Stream	433300	7550239	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	Rescan (2001)	
2000	LSA - North	All-weather route crossings 12	AWR 12	Koignuk	Stream	434229	7540233	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2001)	
2000	LSA - South	Boulder Creek Trib All-weather route crossings 16	AWR 16	Koignuk	Stream	435790	7527283	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2001)	
2000	LSA - South	All-weather route crossings 17	AWR 17	Aimaokatalok	Stream	436479	7524319	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2001)	
2000	LSA - South	Aimaokatalok IF C-MBR-9 All-weather route crossings 18	AWR 18	Aimaokatalok	Stream	439073	7516363	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	Rescan (2001)	
2000	LSA - South	Aimaokatalok IF C-MBR-10 All-weather route crossings 19	AWR 19	Aimaokatalok	Stream	439227	7515377	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	Rescan (2001)	
2000	LSA - South	All-weather route crossings 20	AWR 20	Aimaokatalok	Stream	439732	7514180	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2001)	
2000	LSA - South	Aimaokatalok IF C-MBR-11 All-weather route crossings 21	AWR 21	Aimaokatalok	Stream	441755	7510180	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	Rescan (2001)	
2000	LSA - South	All-weather route crossings 22	AWR 22	Aimaokatalok	Stream	443169	7509476	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2001)	
2000	LSA - South	Aimaokatalok IF C-MBR-12 All-weather route crossings 23	AWR 23	Aimaokatalok	Stream	443584	7509197	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	Rescan (2001)	
2000	LSA - South	Aimaokatalok IF C-MBR-14 All-weather route crossings 24	AWR 24	Aimaokatalok	Stream	443836	7508265	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2001)	
2000	LSA - South	Aimaokatalok IF C-MBR-15 All-weather route crossings 25	AWR 25	Aimaokatalok	Stream	443386	7506886	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	Rescan (2001)	
2000	LSA - South	Aimaokatalok IF C-MBR-16 All-weather route crossings 26	AWR 26	Aimaokatalok	Stream	443241	7505309	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	Rescan (2001)	
2000	LSA - South	Aimaokatalok IF C-MBR-17 All-weather route crossings 27	AWR 27	Aimaokatalok	Stream	442814	7504719	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	Rescan (2001)	
2000	LSA - South	Aimaokatalok IF C-MBR-18 All-weather route crossings 28	AWR 28	Aimaokatalok	Stream	442703	7504492	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	Rescan (2001)	
2000	LSA - South	Trout Outflow All-weather route crossings 29	AWR 29	Aimaokatalok	Stream	442392	7503982	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	Rescan (2001)	
2000	LSA - South	Stickleback Outflow All-weather route crossings 30	AWR 30	Aimaokatalok	Stream	441965	7504037	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	Rescan (2001)	
2004	LSA - North	Tail Lake		Doris	Lake	435194	7557488	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	X	X	X	-	Golder (2005)	
2002	LSA - North	Tail Lake		Doris	Lake	435194	7557488	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	X	-	-	RL&L/Golder (2003a)	
2006	LSA - North	Patch Lake		Doris	Lake	434660	7549739	-	-	X	-	-	-	-	-	-	-	-	-	-	X	-	X	-	X	X	-	Golder (2006a, 2008a)	
2006	LSA - North	P.O. Lake		Doris	Lake	436489	7549473	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	X	X	X	-	Golder (2008a)	
2006	LSA - North	P.O. Connector Lake		Doris	Lake	436655	7550411	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	X	X	X	-	Golder (2008a)	
2003	LSA - North	Doris Outflow		Doris	Stream	434067	7559440	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	RL&L/Golder (2003b); Golder (2007b)	
2003	LSA - North	Tail Outflow		Doris	Stream	434507	7558925	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	RL&L/Golder (2003b); Golder (2007b)	
2003	LSA - North	Glenn Outflow		Windy	Stream	430839	7562517	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	RL&L/Golder (2003b); Golder (2007b)	
2003	LSA - North	Windy Outflow		Windy	Stream	431104	7556456	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	RL&L/Golder (2003b); Golder (2007b)	
2004	LSA - North	Tail Outflow		Doris	Stream	434507	7558925	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Golder (2005)	
2006	LSA - North	Ogama Inflow		Doris	Stream	436585	7550895	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	X	-	X	-	-	Golder (2008a)	
2006	LSA - North	Ogama Outflow		Doris	Stream	435059	7555575	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	X	-	-	-	-	Golder (2008a)	
2005	LSA - North	Tail Outflow		Doris	Stream	434507	7558925	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	Golder (2006b)	

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Fish Community Sampling Gears: AC = acoustics, AG = angling, BS = beach seine, EF = electrofishing, FF = fish fence, FY = fyke net, GN = gillnet, MT = minnow trap.

Fish Species Codes: ARCH = Arctic Char, ARGR = Arctic Grayling, BRWH = Broad Whitefish, CISC = Lake Cisco, LSCS - Least Cisco, LKTR = Lake Trout, LKWH = Lake Whitefish, NNST = Ninespine Stickleback.

X = survey conducted. Dashes indicate no surveys were conducted.

LSA = Local Study Area, RSA = Regional Study Area.

Appendix V5-6Y. Freshwater Fish Community and Habitat Survey Sites, 1993-2017

Sampling		Alternate		Water Body		UTM		Fish Habitat										Fish Community							Tagging	Stomach Contents	Tissue Metals	Source
Year	Area	Water Body	Site Name in FEIS	Watershed	Type	Easting	Northing	AS	RS	BY	SL	HA	FHAP	SK	HM	HY	SHIM	AC	AG	BS	EF	FF	FY	GN	MT			
2005	LSA - North	Ogama Outflow		Doris	Stream	435059	7555575	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	Golder (2006b)
2006	LSA - North	Ogama Lake		Doris	Lake	436553	7552003	-	-	-	-	-	-	-	-	-	-	-	X	X	X	-	-	X	X	-	-	Golder (2008a)
2006	LSA - North	P.O. Inflow Lake		Doris	Lake	436051	7550763	-	-	-	-	-	-	-	-	-	-	-	-	X	X	-	-	X	X	-	-	Golder (2008a)
2006	LSA - North	Wolverine Lake		Doris	Lake	434731	7545822	-	-	-	-	-	-	-	-	-	-	-	X	X	X	-	-	X	X	-	-	Golder (2008a)
2006	LSA - North	Doris Outflow		Doris	Stream	434067	7559440	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Golder (2007)
2006	LSA - North	Patch Outflow (site POBS-01 and POBS-02)		Doris	Stream	436347	7548742	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	Golder (2008a)
2006	LSA - North		Patch Outflow (site POBS-03)	Doris	Stream	435967	7549173	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	Golder (2008a)
2006	LSA - North	P.O. Outflow		Doris	Stream	436641	7550178	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	Golder (2008a)
2007	LSA - North	Patch Lake		Doris	Lake	434660	7549739	-	-	-	-	-	-	-	-	-	-	-	X	-	X	-	X	X	X	-	-	Golder (2008a)
2007	LSA - North	Doris Lake		Doris	Lake	433819	7558230	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	Golder (2008b)
2007	LSA - North	Wolverine Lake		Doris	Lake	434731	7545822	-	-	-	-	-	-	-	-	-	-	-	X	X	X	-	-	X	X	-	-	Golder (2008a)
2007	LSA - North	Glenn Lake		Windy	Lake	430110	7560232	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	X	-	-	-	Golder (2008a)
2008	LSA - North	Patch Lake		Doris	Lake	434660	7549739	-	-	X	-	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	Golder (2009)
2008	LSA - North	Ogama Lake		Doris	Lake	436553	7552003	-	-	X	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Golder (2009)
2008	LSA - North	P.O. Lake		Doris	Lake	436489	7549473	-	-	X	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Golder (2009)
2008	LSA - North	P.O. Connector Lake		Doris	Lake	436655	7550411	-	-	X	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Golder (2009)
2008	LSA - North	P.O. Inflow Lake		Doris	Lake	436051	7550763	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Golder (2009)
2008	LSA - North	Wolverine Lake		Doris	Lake	434731	7545822	-	-	X	-	X	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	Golder (2009)
2008	LSA - North	Windy Lake		Windy	Lake	431631	7553268	-	-	-	-	-	-	-	-	-	-	-	-	X	X	-	-	X	X	-	-	Golder (2009)
2009	LSA - North	Doris Lake		Doris	Lake	433819	7558230	-	-	-	-	-	-	-	X	-	X	X	X	-	X	-	-	X	X	-	-	Rescan (2010)
2009	LSA - North	Ogama Lake		Doris	Lake	436553	7552003	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	X	-	-	Rescan (2010)
2009	LSA - North	P.O. Lake		Doris	Lake	436489	7549473	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	X	X	-	-	Rescan (2010)
2009	LSA - North	Patch Lake		Doris	Lake	434660	7549739	-	-	-	-	-	-	-	X	-	X	X	X	-	-	-	-	X	X	-	-	Rescan (2010)
2009	LSA - North	Glenn Lake		Windy	Lake	430110	7560232	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	X	X	-	-	Rescan (2010)
2009	LSA - North	Windy Lake		Windy	Lake	431631	7553268	-	-	-	-	X	-	-	-	-	-	-	X	-	-	-	-	X	X	-	-	Rescan (2010)
2009	LSA - North	Pond 1		Doris	Pond	432943	7557226	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	Rescan (2010)
2009	LSA - North	Koignuk River D/S		Koignuk	River	429569	7554988	-	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	X	-	-	Rescan (2010)
2009	LSA - North	Koignuk River M/S		Koignuk	River	431015	7546380	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	X	X	-	-	Rescan (2010)
2009	LSA - South	Koignuk River U/S		Koignuk	River	433263	7527897	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	Rescan (2010)
2009	LSA - North	Doris Inflow (site F1)		Doris	Stream	434901	7552300	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2010)
2009	LSA - North	Doris Inflow (site F2)		Doris	Stream	434906	7553648	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2010)
2009	LSA - North	Doris Inflow (site F3)		Doris	Stream	434738	7553696	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2010)
2009	LSA - North	Doris Outflow (site F1)		Doris	Stream	434067	7559440	-	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	X	-	-	Rescan (2010)
2009	LSA - North	Doris Outflow (site F2)		Doris	Stream	434067	7559440	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2010)
2009	LSA - North	Doris Outflow (site F3)		Doris	Stream	434044	7559575	-	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	X	-	-	Rescan (2010)
2009	LSA - North	Ogama Outflow (site F1)		Doris	Stream	435223	7555438	-	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	X	-	-	Rescan (2010)
2009	LSA - North	Ogama Outflow (site F2)		Doris	Stream	435059	7555575	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2010)
2009	LSA - North	Ogama Outflow (site F3)		Doris	Stream	434784	7555878	-	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	X	-	-	Rescan (2010)
2009	LSA - North	Patch Inflow		Doris	Stream	433821	7552530	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2010)
2009	LSA - North	Patch Outflow		Doris	Stream	436255	7549016	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2010)
2009	LSA - North	P.O. Inflow (site F1)		Doris	Stream	438010	7546164	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2010)
2009	LSA - North	P.O. Inflow (site F2)		Doris	Stream	437821	7547195	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2010)
2009	LSA - North	P.O. Outflow (site F1)		Doris	Stream	436591	7550740	-	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	X	-	-	Rescan (2010)
2009	LSA - North	P.O. Outflow (site F2)		Doris	Stream	436649	7550190	-	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	X	-	-	Rescan (2010)
2009	LSA - North	Tail Outflow		Doris	Stream	434507	7558925	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	X	-	-	Rescan (2010)
2009	LSA - North	Glenn Inflow (site F1)		Windy	Stream	431028	7559547	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2010)

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2009	LSA - North	Glenn Outflow (site F1)		Windy	Stream	431657	7563884	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2010)
2009	LSA - North	Glenn Outflow (site F2)		Windy	Stream	431154	7563342	-	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	X	-	-	Rescan (2010)
2009	LSA - North	Windy Inflow (site F1)		Windy	Stream	432218	7549585	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2010)
2009	LSA - North	Windy Outflow (site F1)		Windy	Stream	431405	7555594	-	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	X	-	-	Rescan (2010)
2010	LSA - North	Imniagut Lake		Doris	Lake	433571	7551415	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011c)
2010	LSA - North	Windy Lake (Comp shoal 1)		Windy	Lake	431371	7554505	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011b)
2010	LSA - North	Windy Lake (Comp shoal 2)		Windy	Lake	431190	7554087	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011b)
2010	LSA - North	Windy Lake (Comp shoal 3)		Windy	Lake	432254	7553382	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011b)
2010	LSA - North	Windy Lake (Comp shoal 4)		Windy	Lake	432245	7553245	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011b)
2010	LSA - North	Windy Lake (Comp shoal 5)		Windy	Lake	432393	7550809	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011b)
2010	LSA - North	Windy Lake (Comp shoal 6)		Windy	Lake	432264	7551010	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011b)
2010	LSA - North	Windy Lake (Fines 1)		Windy	Lake	430872	7553156	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011b)
2010	LSA - North	Windy Lake (Fines 2)		Windy	Lake	431275	7554387	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011b)
2010	LSA - North	Windy Lake (Fines 3)		Windy	Lake	431427	7554886	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011b)
2010	LSA - North	Windy Lake (Fines 4)		Windy	Lake	432299	7552978	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011b)
2010	LSA - North	Windy Lake (Fines 5)		Windy	Lake	432045	7549672	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011b)
2010	LSA - North	Windy Lake (Fines 6)		Windy	Lake	432248	7549694	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011b)
2010	LSA - North	Windy Lake (Natural shoal 1)		Windy	Lake	430965	7553244	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011b)
2010	LSA - North	Windy Lake (Natural shoal 2)		Windy	Lake	430911	7553306	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011b)
2010	LSA - North	Windy Lake (Natural shoal 3)		Windy	Lake	431227	7554197	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011b)
2010	LSA - North	Windy Lake (Natural shoal 4)		Windy	Lake	432371	7552848	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011b)
2010	LSA - North	Windy Lake (Natural shoal 5)		Windy	Lake	432475	7552462	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011b)
2010	LSA - North	Windy Lake (Natural shoal 6)		Windy	Lake	432415	7551159	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011b)
2010	LSA - North	Koignuk River 1		Koignuk	River	431017	7596355	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011a)
2010	LSA - North	Koignuk River 2		Koignuk	River	429600	7554912	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011a)
2010	LSA - North	Roberts Bay Inflow (site N01)		Roberts	Stream	433759	7564295	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011a)
2010	LSA - North	East of Roberts Bay (site N02)		Roberts	Stream	434742	7564105	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011a)
2010	LSA - North	Glenn Outflow (site N04)		Windy	Stream	431027	7563215	-	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	-	-	-	Rescan (2011a)
2010	LSA - North	Glenn Outlow #2 (site N05)		Windy	Stream	430911	7563244	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011a)
2010	LSA - North	Doris Outflow (site N07)		Doris	Stream	434569	7561367	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011a)
2010	LSA - North	Windy Outflow (site N08)		Windy	Stream	430925	7556570	-	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	-	-	-	Rescan (2011a)
2010	LSA - North	Doris SE Inflow (site N09)		Doris	Stream	435355	7555256	-	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	-	-	-	Rescan (2011a)
2010	LSA - North	Patch 14 crossings 1 and 2 (site N10)	Patch Stream N10	Doris	Stream	433324	7550444	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011a)
2010	LSA - North	P.O. Inflow (site N11)		Doris	Stream	437196	7549851	-	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	-	-	-	Rescan (2011a)
2010	LSA - North	Wolverine Outflow (site N12)		Doris	Stream	434809	7547676	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011a)
2010	LSA - North	Wolverine Outflow (site N13)		Doris	Stream	434791	7547278	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011a)
2010	LSA - North	Wolverine Outflow (site N14)		Doris	Stream	434778	7547181	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011a)
2010	LSA - North	P.O. Inflow (N15)		Doris	Stream	437820	7547265	-	-	-	-	-	X	-	-	-	-	X	-	-	-	-	-	-	-	-	-	Rescan (2011a)
2010	LSA - North	P.O. Inflow (site N16)		Doris	Stream	437779	7546438	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011a)
2010	LSA - North	P.O. Inflow (site N17)		Doris	Stream	435460	7545606	-	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	-	-	-	Rescan (2011a)
2010	LSA - North	Doris Area (N18)		Doris	Stream	438352	7545523	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011a)
2010	LSA - North	Koignuk River (site N19)		Koignuk	Stream	432760	7541603	-	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	-	-	-	Rescan (2011a)
2010	LSA - North	Doris area (N20)	Doris Area N20	Doris	Stream	432862	7557680	-	-	-	-	-	-	-	-	-	-	X	-	-	X	-	-	-	-	-	-	Rescan (2011a)
2010	LSA - North	Patch IF C-TIA-01Doris area (N21)	Patch North Inflow N21	Doris	Stream	433666	7552726	-	-	-	-	-	-	-	-	-	-	X	-	-	-	X	-	-	-	-	-	Rescan (2011a)
2010	LSA - North	Patch Crossing 14 Doris area (N22)	Patch Stream N22	Doris	Stream	433440	7550497	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	Rescan (2011a)
2010	LSA - North	Patch IF C-TIA-01 Doris area (N23)		Doris	Stream	433442	7552287	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	Rescan (2011a)

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Sampling		Alternate		Water Body		UTM		Fish Habitat										Fish Community								Tagging	Stomach Contents	Tissue Metals	Source		
Year	Area	Water Body	Site Name in FEIS	Watershed	Type	Easting	Northing	AS	RS	BY	SL	HA	FHAP	SK	HM	HY	SHIM	AC	AG	BS	EF	FF	FY	GN	MT						
2010	LSA - North	P.O. Inflow Doris area (N24)		Doris	Stream	436863	7547758	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	Rescan (2011a)		
2010	LSA - North	Doris area (N25)		Doris	Stream	435568	7543424	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	Rescan (2011a)		
2010	LSA - North	Quarry 2 (site Q02)	Pond Q02	Doris	Pond	435552	7550742	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	Rescan (2011a)		
2010	LSA - North	Quarry S of Patch Lake (site Q04)	Pond Q04	Doris	Pond	435575	7543451	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	Rescan (2011a)		
2010	LSA - North	Quarry S of Patch Lake (site Q05)	Pond Q05	Koignuk	Pond	434689	7533733	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	Rescan (2011a)		
2010	LSA - North	Quarry 6 (site Q06)	Pond Q06	Koignuk	Pond	436927	7527809	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	Rescan (2011a)		
2010	LSA - South	Quarry 8 (site Q08)	Pond Q08	Aimaokatalok	Pond	438435	7521155	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	Rescan (2011a)		
2010	LSA - South	Quarry 9 (site Q09)	Pond Q09	Aimaokatalok	Pond	439947	7515663	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011a)		
2010	LSA - South	Quarry 10 (site Q10)	Pond Q10	Aimaokatalok	Pond	444260	7507273	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	Rescan (2011a)		
2010	LSA - South	Quarry 11 (site Q11)	Pond Q11	Aimaokatalok	Pond	441541	7501848	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011a)		
2011	LSA - North	Tail Lake		Doris	Lake	435194	7557488	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	-	X	X	-	-	LKTR	LKTR	Rescan (2012a)
2012	LSA - North	Windy Lake (Comp shoal 1)		Windy	Lake	431371	7554505	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	Rescan (2012c)	
2012	LSA - North	Windy Lake (Comp shoal 2)		Windy	Lake	431190	7554087	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	Rescan (2012c)	
2012	LSA - North	Windy Lake (Comp shoal 3)		Windy	Lake	432254	7553382	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	Rescan (2012c)	
2012	LSA - North	Windy Lake (Comp shoal 4)		Windy	Lake	432245	7553245	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	Rescan (2012c)	
2012	LSA - North	Windy Lake (Comp shoal 5)		Windy	Lake	432393	7550809	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	Rescan (2012c)	
2012	LSA - North	Windy Lake (Comp shoal 6)		Windy	Lake	432264	7551010	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	Rescan (2012c)	
2012	LSA - North	Windy Lake (Fines 1)		Windy	Lake	430872	7553156	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	Rescan (2012c)	
2012	LSA - North	Windy Lake (Fines 2)		Windy	Lake	431275	7554387	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	Rescan (2012c)	
2012	LSA - North	Windy Lake (Fines 3)		Windy	Lake	431427	7554886	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	Rescan (2012c)	
2012	LSA - North	Windy Lake (Fines 4)		Windy	Lake	432299	7552978	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	Rescan (2012c)	
2012	LSA - North	Windy Lake (Fines 5)		Windy	Lake	432045	7549672	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	Rescan (2012c)	
2012	LSA - North	Windy Lake (Fines 6)		Windy	Lake	432248	7549694	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	Rescan (2012c)	
2012	LSA - North	Windy Lake (Natural shoal 1)		Windy	Lake	430965	7553244	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	Rescan (2012c)	
2012	LSA - North	Windy Lake (Natural shoal 2)		Windy	Lake	430911	7553306	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	Rescan (2012c)	
2012	LSA - North	Windy Lake (Natural shoal 3)		Windy	Lake	431227	7554197	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	Rescan (2012c)	
2012	LSA - North	Windy Lake (Natural shoal 4)		Windy	Lake	432371	7552848	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	Rescan (2012c)	
2012	LSA - North	Windy Lake (Natural shoal 5)		Windy	Lake	432475	7552462	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	Rescan (2012c)	
2012	LSA - North	Windy Lake (Natural shoal 6)		Windy	Lake	432415	7551159	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	Rescan (2012c)	
2013	LSA - North	Windy Lake (Comp shoal 1)		Windy	Lake	431371	7554505	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	X	X	-	-	-	ERM Rescan (2014a)
2013	LSA - North	Windy Lake (Comp shoal 2)		Windy	Lake	431190	7554087	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	X	X	-	-	-	ERM Rescan (2014a)
2013	LSA - North	Windy Lake (Comp shoal 3)		Windy	Lake	432254	7553382	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	X	X	-	-	-	ERM Rescan (2014a)
2013	LSA - North	Windy Lake (Comp shoal 4)		Windy	Lake	432245	7553245	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	X	X	-	-	-	ERM Rescan (2014a)
2013	LSA - North	Windy Lake (Comp shoal 5)		Windy	Lake	432393	7550809	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	X	X	-	-	-	ERM Rescan (2014a)
2013	LSA - North	Windy Lake (Comp shoal 6)		Windy	Lake	432264	7551010	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	X	X	-	-	-	ERM Rescan (2014a)
2013	LSA - North	Windy Lake (Fines 1)		Windy	Lake	430872	7553156	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	X	X	-	-	-	ERM Rescan (2014a)
2013	LSA - North	Windy Lake (Fines 2)		Windy	Lake	431275	7554387	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	X	X	-	-	-	ERM Rescan (2014a)
2013	LSA - North	Windy Lake (Fines 3)		Windy	Lake	431427	7554886	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	X	X	-	-	-	ERM Rescan (2014a)
2013	LSA - North	Windy Lake (Fines 4)		Windy	Lake	432299	7552978	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	X	X	-	-	-	ERM Rescan (2014a)
2013	LSA - North	Windy Lake (Fines 5)		Windy	Lake	432045	7549672	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	X	X	-	-	-	ERM Rescan (2014a)
2013	LSA - North	Windy Lake (Fines 6)		Windy	Lake	432248	7549694	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	X	X	-	-	-	ERM Rescan (2014a)
2013	LSA - North	Windy Lake (Natural shoal 1)		Windy	Lake	430965	7553244	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	X	X	-	-	-	ERM Rescan (2014a)
2013	LSA - North	Windy Lake (Natural shoal 2)		Windy	Lake	430911	7553306	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	X	X	-	-	-	ERM Rescan (2014a)
2013	LSA - North	Windy Lake (Natural shoal 3)		Windy	Lake	431227	7554197	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	X	X	-	-	-	ERM Rescan (2014a)
2013	LSA - North	Windy Lake (Natural shoal 4)		Windy	Lake	432371	7552848	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	X	X	-	-	-	ERM Rescan (2014a)
2013	LSA - North	Windy Lake (Natural shoal 5)		Windy	Lake	432475	7552462	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	X	X	-	-	-	ERM Rescan (2014a)

Habitat Survey Codes: AS = aerial survey, RS = reconnaissance survey, BY = bathymetry, FHAP = Fish Habitat Assessment Procedure, HA = habitat assessment, HM = hydraulic model, HY = hydroacoustic/video assessment, SHIM = Sensitive Habitat Inventory Method,

SK = snorkel survey, and SL = Small lake surface area estimation.

Fish Community Sampling Gears: AC = acoustics, AG = angling, BS = beach seine, EF = electrofishing, FF = fish fence, FY = fyke net, GN = gillnet, MT = minnow trap.

Fish Species Codes: ARCH = Arctic Char, ARGR = Arctic Grayling, BRWH = Broad Whitefish, CISC = Lake Cisco, LSCS - Least Cisco, LKTR = Lake Trout, LKWH = Lake Whitefish, NNST = Ninespine Stickleback.

X = survey conducted. Dashes indicate no surveys were conducted.

LSA = Local Study Area, RSA = Regional Study Area.

Appendix V5-6Y. Freshwater Fish Community and Habitat Survey Sites, 1993-2017

Sampling			Alternate	Water Body		UTM		Fish Habitat								Fish Community								Tagging	Stomach Contents	Tissue Metals	Source		
Year	Area	Water Body	Site Name in FEIS	Watershed	Type	Easting	Northing	AS	RS	BY	SL	HA	FHAP	SK	HM	HY	SHIM	AC	AG	BS	EF	FF	FY					GN	MT
2013	LSA - North	Windy Lake (Natural shoal 6)		Windy	Lake	432415	7551159	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	X	X	-	-	-	ERM Rescan (2014a)
2014	LSA - North	Imniagut Lake		Doris	Lake	433571	7551415	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	X	X	-	-	-	ERM (2015c)
2014	LSA - North	Windy Lake (Comp shoal 1)		Windy	Lake	431371	7554505	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	X	X	-	-	-	ERM (2014a)
2014	LSA - North	Windy Lake (Comp shoal 2)		Windy	Lake	431190	7554087	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	X	X	-	-	-	ERM (2014a)
2014	LSA - North	Windy Lake (Comp shoal 3)		Windy	Lake	432254	7553382	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	X	X	-	-	-	ERM (2014a)
2014	LSA - North	Windy Lake (Comp shoal 4)		Windy	Lake	432245	7553245	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	X	X	-	-	-	ERM (2014a)
2014	LSA - North	Windy Lake (Comp shoal 5)		Windy	Lake	432393	7550809	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	X	X	-	-	-	ERM (2014a)
2014	LSA - North	Windy Lake (Comp shoal 6)		Windy	Lake	432264	7551010	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	X	X	-	-	-	ERM (2014a)
2014	LSA - North	Windy Lake (Fines 1)		Windy	Lake	430872	7553156	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	X	X	-	-	-	ERM (2014a)
2014	LSA - North	Windy Lake (Fines 2)		Windy	Lake	431275	7554387	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	X	X	-	-	-	ERM (2014a)
2014	LSA - North	Windy Lake (Fines 3)		Windy	Lake	431427	7554886	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	X	X	-	-	-	ERM (2014a)
2014	LSA - North	Windy Lake (Fines 4)		Windy	Lake	432299	7552978	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	X	X	-	-	-	ERM (2014a)
2014	LSA - North	Windy Lake (Fines 5)		Windy	Lake	432045	7549672	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	X	X	-	-	-	ERM (2014a)
2014	LSA - North	Windy Lake (Fines 6)		Windy	Lake	432248	7549694	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	X	X	-	-	-	ERM (2014a)
2014	LSA - North	Windy Lake (Natural shoal 1)		Windy	Lake	430965	7553244	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	X	X	-	-	-	ERM (2014a)
2014	LSA - North	Windy Lake (Natural shoal 2)		Windy	Lake	430911	7553306	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	X	X	-	-	-	ERM (2014a)
2014	LSA - North	Windy Lake (Natural shoal 3)		Windy	Lake	431227	7554197	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	X	X	-	-	-	ERM (2014a)
2014	LSA - North	Windy Lake (Natural shoal 4)		Windy	Lake	432371	7552848	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	X	X	-	-	-	ERM (2014a)
2014	LSA - North	Windy Lake (Natural shoal 5)		Windy	Lake	432475	7552462	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	X	X	-	-	-	ERM (2014a)
2014	LSA - North	Windy Lake (Natural shoal 6)		Windy	Lake	432415	7551159	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	X	X	-	-	-	ERM (2014a)
2014	LSA - North	Nakhaktok Lake		Windy	Lake	432500	7548900	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	X	-	-	-	ERM (2014b)
2014	LSA - North	Pond Q16		Koignuk	Pond	433452	7544881	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	X	-	-	-	ERM (2014b)
2014	LSA - North	Pond Q13		Koignuk	Pond	433557	7545887	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	X	-	-	-	ERM (2014b)
2014	LSA - North	Pond Q14		Koignuk	Pond	433238	7546609	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	X	-	-	-	ERM (2014b)
2014	LSA - North	Pond Q15		Koignuk	Pond	433075	7546375	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	X	-	-	-	ERM (2014b)
2014	LSA - North	Stream N20	Doris Stream N20	Doris	Stream	438614	7547206	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	ERM (2014b)
2014	LSA - North	Pond Q20		Doris	Pond	433241	7553325	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	X	-	-	-	ERM (2014b)
2014	LSA - North	Pond Q21		Doris	Pond	433313	7553030	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	X	-	-	-	ERM (2014b)
2014	LSA - North	Pond Q21 Outflow		Doris	Pond	433352	7552958	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	ERM (2014b)
2014	LSA - North	Pond Q22 Inflow		Doris	Pond	433607	7552746	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	ERM (2014b)
2014	LSA - North	Pond Q22		Doris	Pond	433730	7552706	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	X	-	-	-	ERM (2014b)
2014	LSA - North	Pond Q22 Outflow		Doris	Pond	433777	7552573	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	ERM (2014b)
2014	LSA - North	Pond 2		Roberts	Pond	435661	7558228	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	X	-	-	-	ERM (2014b)
2015	LSA - North	Doris Lake		Doris	Lake	433819	7558230	-	-	-	-	X	-	-	-	X	-	X	X	-	-	-	-	X	-	-	-	-	ERM (2016b)
2015	LSA - North	Unnamed stream (Doris Connector Vent Raise Road)		Doris	Stream	433454	7558692	-	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	ERM (2015d)
2015	LSA - North	Unnamed stream (Roberts Bay Discharge Access Road)		Roberts	Stream	432346	7563102	-	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	ERM (2015d)
1993	LSA - South	Stickleback Lake		Aimaokatalok	Lake	442000	7503500	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	Rescan (1993)
1993	LSA - South	Aimaokatalok Lake		Aimaokatalok	Lake	441000	7505000	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	LKTR, LKWH	LKTR, LKWH	Rescan (1993)
1993	LSA - South	Trout Outflow		Aimaokatalok	Stream	442447	7503727	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	Rescan (1993)
1993	LSA - South	Stickleback Outflow		Aimaokatalok	Stream	441932	7504231	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	Rescan (1993)
1994	LSA - South	Stickleback Lake		Aimaokatalok	Lake	442000	7503500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	Rescan (1994)
1994	LSA - South	Aimaokatalok Lake		Aimaokatalok	Lake	441000	7505000	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	Rescan (1994)
1994	LSA - South	Trout Outflow		Aimaokatalok	Stream	442447	7503727	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	Rescan (1994)
1994	LSA - South	Stickleback Outflow		Aimaokatalok	Stream	441932	7504231	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	Rescan (1994)
1995	LSA - South	Trout Lake		Aimaokatalok	Lake	442500	7503000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	X	-	-	-	Rescan (1995)
1995	LSA - South	Stickleback Lake		Aimaokatalok	Lake	442000	7503500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	X	-	-	-	Rescan (1995)

Habitat Survey Codes: AS = aerial survey, RS = reconnaissance survey, BY = bathymetry, FHAP = Fish Habitat Assessment Procedure, HA = habitat assessment, HM = hydraulic model, HY = hydroacoustic/video assessment, SHIM = Sensitive Habitat Inventory Method,

SK = snorkel survey, and SL = Small lake surface area estimation.

Fish Community Sampling Gears: AC = acoustics, AG = angling, BS = beach seine, EF = electrofishing, FF = fish fence, FY = fyke net, GN = gillnet, MT = minnow trap.

Fish Species Codes: ARCH = Arctic Char, ARGR = Arctic Grayling, BRWH = Broad Whitefish, CISC = Lake Cisco, LSCS - Least Cisco, LKTR = Lake Trout, LKWH = Lake Whitefish, NNST = Ninespine Stickleback.

X = survey conducted. Dashes indicate no surveys were conducted.

LSA = Local Study Area, RSA = Regional Study Area.

Appendix V5-6Y. Freshwater Fish Community and Habitat Survey Sites, 1993-2017

Sampling			Alternate	Water Body		UTM		Fish Habitat										Fish Community													
Year	Area	Water Body	Site Name in FEIS	Watershed	Type	Easting	Northing	AS	RS	BY	SL	HA	FHAP	SK	HM	HY	SHIM	AC	AG	BS	EF	FF	FY	GN	MT	Tagging	Stomach Contents	Tissue Metals	Source		
1995	LSA - South	Aimaokatalok Lake		Aimaokatalok	Lake	441000	7505000	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	X	X	-	-	LKTR, LKWH	Rescan (1995)	
1995	LSA - South	Trout Outflow		Aimaokatalok	Stream	442447	7503727	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	X	-	-	-	-	Rescan (1995)	
1995	LSA - South	Stickleback Outflow		Aimaokatalok	Stream	441932	7504231	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	X	-	-	-	-	Rescan (1995)	
1995	LSA - South	Aimaokatalok Inflow (F9)		Aimaokatalok	Stream	443619	7509361	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Rescan (1995)	
1995	LSA - South	Aimaokatalok Inflow (10)		Aimaokatalok	Stream	443853	7509482	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	Rescan (1995)	
1995	LSA - South	Koignuk River (F15)		Koignuk	River	432705	7536745	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Rescan (1995)	
1996	LSA - South	Trout Lake		Aimaokatalok	Lake	442500	7503000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	LKTR	Rescan (1997)		
1996	LSA - South	Aimaokatalok Lake		Aimaokatalok	Lake	441000	7505000	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	X	-	-	-	LKTR, LKWH	Rescan (1997)	
1996	LSA - South	Trout Outflow		Aimaokatalok	Stream	442447	7503727	X	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (1997)	
1996	LSA - South	Boulder Creek (WR01)		Koignuk	Stream	433298	7533921	X	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Rescan (1997)	
1996	LSA - South	Boulder Creek (WR02)		Koignuk	Stream	432574	7534379	X	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Rescan (1997)	
1996	LSA - South	Aimaokatalok River		Aimaokatalok	Stream	441401	7499290	X	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (1997)	
1996	LSA - South	NE Aimaokatalok Inflow	C-MBR-12	Aimaokatalok	Stream	443667	7509403	X	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Rescan (1997)	
1996	LSA - South	Aimaokatalok Inflow (BP04)	C-MBR-12	Aimaokatalok	Stream	443667	7509403	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (1997)	
1996	LSA - South	Aimaokatalok Inflow (BP05)	C-MBR-15	Aimaokatalok	Stream	443595	7506630	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (1997)	
1996	LSA - South	Aimaokatalok Inflow (BP06)	C-MBR-15	Aimaokatalok	Stream	443025	7507241	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (1997)	
1996	LSA - South	Aimaokatalok Inflow (BP07)		Aimaokatalok	Stream	443099	75806574	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (1997)	
1996	LSA - South	Aimaokatalok Inflow (BP08)	C-MBR-16	Aimaokatalok	Stream	443180	7505539	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (1997)	
1996	LSA - South	Trout Inflow (BP12)		Aimaokatalok	Stream	442801	7502252	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (1997)	
1996	LSA - South	Stickleback Inflow (BP13)		Aimaokatalok	Stream	441531	7503027	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (1997)	
1996	LSA - South	Stickleback Inflow (BP14)		Aimaokatalok	Stream	441125	7503710	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (1997)	
1996	LSA - South	Koignuk River (F21)		Koignuk	Stream	435452	7521393	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Rescan (1997)	
1997	LSA - South	Stickleback Lake		Aimaokatalok	Lake	442000	7503500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	Rescan (1998)	
1997	LSA - South	Aimaokatalok Lake		Aimaokatalok	Lake	441000	7505000	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	X	-	LKTR, LKWH	LKTR, LKWH	LKTR, LKWH	Rescan (1998)	
1997	LSA - South	Trout Inflow (BP12)		Aimaokatalok	Stream	442577	7501832	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Rescan (1998)	
1997	LSA - South	Trout Outflow		Aimaokatalok	Stream	442447	7503727	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Rescan (1998)	
1997	LSA - South	Stickleback Outflow		Aimaokatalok	Stream	441932	7504231	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Rescan (1998)	
1997	LSA - South	Aimaokatalok River		Aimaokatalok	Stream	441401	7499290	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Rescan (1998)	
1997	LSA - South	Aimaokatalok Outflow		Aimaokatalok	Stream	438780.5	7509138	X	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	Rescan (1998)	
1997	LSA - South	NE Aimaokatalok Inflow		Aimaokatalok	Stream	443667	7509403	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (1998)	
1997	LSA - South	Stickleback Outflow (BP01)		Aimaokatalok	Stream	441924	7504179	X	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Rescan (1998)	
1997	LSA - South	Trout Outflow (BP02)		Aimaokatalok	Stream	442385	7503965	X	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Rescan (1998)	
1997	LSA - South	Aimaokatalok Inflow (BP03)	C-MBR-16	Aimaokatalok	Stream	443167	7505337	X	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Rescan (1998)	
1997	LSA - South	Aimaokatalok Inflow (BP04)	C-MBR-17	Aimaokatalok	Stream	442690	7505037	X	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Rescan (1998)	
1997	LSA - South	Aimaokatalok Inflow (BP05)	C-MBR-18	Aimaokatalok	Stream	442575	7504973	X	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Rescan (1998)	
1997	LSA - South	Aimaokatalok Inflow (BP06)	C-MBR-9	Aimaokatalok	Stream	438769	7516117	X	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Rescan (1998)	
1997	LSA - South	Aimaokatalok Inflow (BP07)	C-MBR-10	Aimaokatalok	Stream	438908	7515800	X	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Rescan (1998)	
1997	LSA - South	Aimaokatalok Inflow (BP08)		Aimaokatalok	Stream	438841	7515450	X	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Rescan (1998)	
1997	LSA - South	Aimaokatalok Inflow (BP09)		Aimaokatalok	Stream	439888	7505426	X	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Rescan (1998)	
1997	LSA - South	Aimaokatalok Inflow (BP10)		Aimaokatalok	Stream	436884	7522122	X	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Rescan (1998)	
1997	LSA - South	Aimaokatalok Inflow (BP11)		Aimaokatalok	Stream	437356	7520864	X	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Rescan (1998)	
1997	LSA - South	Trout Inflow (BP12)		Aimaokatalok	Stream	442577	7501832	X	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Rescan (1998)	
1997	LSA - South	Aimaokatalok Inflow (BP13)	C-MBR-15	Aimaokatalok	Stream	443210	7507104	X	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Rescan (1998)	
1997	LSA - South	Aimaokatalok Inflow (BP14)	C-MBR-11	Aimaokatalok	Stream	441611	7510109	X	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Rescan (1998)	
2000	LSA - South	NE Aimaokatalok Inflow	C-MBR-12	Aimaokatalok	Stream	443667	7509403	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2001)	
2006	LSA - South	Aimaokatalok Lake		Aimaokatalok	Lake	441000	7505000	-	-	X	-	-	-	-	-	-	-	-	-	-	X	-	X	X	X	-	-	-	-	Golder (2006a, 2008a)	

Habitat Survey Codes: AS = aerial survey, RS = reconnaissance survey, BY = bathymetry, FHAP = Fish Habitat Assessment Procedure, HA = habitat assessment, HM = hydraulic model, HY = hydroacoustic/video assessment, SHIM = Sensitive Habitat Inventory Method,

SK = snorkel survey, and SL = Small lake surface area estimation.

Fish Community Sampling Gears: AC = acoustics, AG = angling, BS = beach seine, EF = electrofishing, FF = fish fence, FY = fyke net, GN = gillnet, MT = minnow trap.

Fish Species Codes: ARCH = Arctic Char, ARGR = Arctic Grayling, BRWH = Broad Whitefish, CISC = Lake Cisco, LSCS - Least Cisco, LKTR = Lake Trout, LKWH = Lake Whitefish, NNST = Ninespine Stickleback.

X = survey conducted. Dashes indicate no surveys were conducted.

LSA = Local Study Area, RSA = Regional Study Area.

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Sampling			Alternate	Water Body	UTM		Fish Habitat										Fish Community								Tagging	Stomach Contents	Tissue Metals	Source			
Year	Area	Water Body	Site Name in FEIS	Watershed	Type	Easting	Northing	AS	RS	BY	SL	HA	FHAP	SK	HM	HY	SHIM	AC	AG	BS	EF	FF	FY	GN					MT		
2006	LSA - South	Stickleback Lake		Aimaokatalok	Lake	442000	7503500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	X	-	-	-	Golder (2008a)		
2006	LSA - South	Trout Lake		Aimaokatalok	Lake	442500	7503000	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	X	X	-	-	-	Golder (2008a)	
2006	RSA	Boston Reference Lake		Aimaokatalok	Lake	437999	7503662	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	X	X	-	-	-	Golder (2008a)	
2006	LSA - South	Stickleback Outflow		Aimaokatalok	Stream	441932	7504231	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	Golder (2008a)	
2006	LSA - South	Trout Inflow		Aimaokatalok	Stream	442700	7502297	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	Golder (2008a)	
2006	LSA - South	Trout Outflow		Aimaokatalok	Stream	442447	7503727	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	Golder (2008a)	
2006	LSA - South	Aimaokatalok River		Aimaokatalok	Stream	441104	7499729	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	Golder (2008a)	
2006	LSA - South	Koignuk River (site KREF-1)		Koignuk	Stream	437359	7512181	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	Golder (2008a)	
2006	LSA - South	Koignuk River (site KREF-2)		Koignuk	Stream	435573	7521246	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	Golder (2008a)	
2006	LSA - South	Koignuk River (site KRBS-1)		Koignuk	Stream	437392	7512120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	Golder (2008a)	
2006	LSA - South	Koignuk River (KRGN-1)		Koignuk	Stream	437442	7512010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	Golder (2008a)	
2006	LSA - South	Koignuk River (KRGN-2)		Koignuk	Stream	437392	7512120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	Golder (2008a)	
2006	LSA - South	Koignuk River (KRMT-1)		Koignuk	Stream	438496	7509472	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	Golder (2008a)	
2006	LSA - South	Koignuk River (KRMT-2)		Koignuk	Stream	438516	7509442	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	Golder (2008a)	
2006	LSA - South	Koignuk River (KRMT-3)		Koignuk	Stream	438442	7509527	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	Golder (2008a)	
2007	LSA - North	Koignuk River (site KNBP-1)		Koignuk	River	431517	7545695	-	X	-	-	X	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Golder (2008a)
2007	LSA - North	Koignuk River (site KNBP-2)		Koignuk	River	429479	7555080	-	X	-	-	X	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Golder (2008a)
2007	LSA - North	Koignuk River (site KNGN-1)		Koignuk	River	430874	7547645	-	X	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	Golder (2008a)
2007	LSA - North	Koignuk River (site KNGN-2)		Koignuk	River	429373	7554957	-	X	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	Golder (2008a)
2007	LSA - North	Koignuk River (site KNSN-1)		Koignuk	River	430053	7550873	-	X	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	Golder (2008a)
2007	LSA - North	Koignuk River (site KNSN-2)		Koignuk	River	430077	7550902	-	X	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	Golder (2008a)
2008	LSA - South	Aimaokatalok Lake		Aimaokatalok	Lake	441000	7505000	-	-	-	-	-	-	-	-	-	-	-	-	-	X	X	-	-	X	-	-	-	-	-	Golder (2009)
2008	LSA - South	Trout Lake		Aimaokatalok	Lake	442500	7503000	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Golder (2009)
2008	LSA - South	Stickleback Lake		Aimaokatalok	Lake	442000	7503500	-	-	X	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Golder (2009)
2008	LSA - South	Koignuk River (KRAN-01)		Koignuk	Stream	430287	7550050	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	Golder (2009)
2008	LSA - South	Koignuk River (KRAN-02)		Koignuk	Stream	430058	7550956	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	Golder (2009)
2008	LSA - South	Koignuk River (KRAN-03)		Koignuk	Stream	429594	7553020	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	Golder (2009)
2008	LSA - South	Koignuk River (KRAN-04)		Koignuk	Stream	429791	7553955	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	Golder (2009)
2008	LSA - South	Koignuk River (KRAN-05)		Koignuk	Stream	429634	7554648	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	Golder (2009)
2008	LSA - South	Koignuk River (KRAN-06)		Koignuk	Stream	429620	7554919	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	Golder (2009)
2008	LSA - South	Koignuk River (KRAN-07)		Koignuk	Stream	431527	7545534	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	Golder (2009)
2008	LSA - South	Koignuk River (KRAN-08)		Koignuk	Stream	431420	7545692	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	Golder (2009)
2008	LSA - South	Koignuk River (KRAN-09)		Koignuk	Stream	431522	7545698	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	Golder (2009)
2008	LSA - South	Koignuk River (KRAN-10)		Koignuk	Stream	431100	7547298	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	Golder (2009)
2008	LSA - South	Koignuk River (KRAN-11)		Koignuk	Stream	430426	7549299	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	Golder (2009)
2008	LSA - South	Koignuk River (KRBP-01)		Koignuk	Stream	429852	7551181	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Golder (2009)
2008	LSA - South	Koignuk River (KRBP-02)		Koignuk	Stream	429793	7553952	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Golder (2009)
2008	LSA - South	Koignuk River (KRBP-03)		Koignuk	Stream	429760	7554005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Golder (2009)
2008	LSA - South	Koignuk River (KRBP-04)		Koignuk	Stream	429634	7554648	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Golder (2009)
2008	LSA - South	Koignuk River (KRBP-05)		Koignuk	Stream	429524	7555063	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Golder (2009)
2008	LSA - South	Koignuk River (KRBP-06)		Koignuk	Stream	431474	7545674	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Golder (2009)
2008	LSA - South	Koignuk River (KRBP-07)		Koignuk	Stream	431180	7546825	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Golder (2009)
2008	LSA - South	Koignuk River (KRBP-08)		Koignuk	Stream	430423	7549310	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Golder (2009)
2008	LSA - South	Koignuk River (KRBP-09)		Koignuk	Stream	430258	7550128	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Golder (2009)
2008	LSA - South	Koignuk River (KRBP-10)		Koignuk	Stream	430129	7550693	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Golder (2009)
2008	LSA - South	Koignuk River (KRBS-01)		Koignuk	Stream	429995	7551055	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	Golder (2009)

Habitat Survey Codes: AS = aerial survey, RS = reconnaissance survey, BY = bathymetry, FHAP = Fish Habitat Assessment Procedure, HA = habitat assessment, HM = hydraulic model, HY = hydroacoustic/video assessment, SHIM = Sensitive Habitat Inventory Method,

SK = snorkel survey, and SL = Small lake surface area estimation.

Fish Community Sampling Gears: AC = acoustics, AG = angling, BS = beach seine, EF = electrofishing, FF = fish fence, FY = fyke net, GN = gillnet, MT = minnow trap.

Fish Species Codes: ARCH = Arctic Char, ARGR = Arctic Grayling, BRWH = Broad Whitefish, CISC = Lake Cisco, LSCS - Least Cisco, LKTR = Lake Trout, LKWH = Lake Whitefish, NNST = Ninespine Stickleback.

X = survey conducted. Dashes indicate no surveys were conducted.

LSA = Local Study Area, RSA = Regional Study Area.

Appendix V5-6Y. Freshwater Fish Community and Habitat Survey Sites, 1993-2017

Sampling			Alternate		Water Body		UTM		Fish Habitat										Fish Community								Tagging	Stomach Contents	Tissue Metals	Source	
Year	Area	Water Body	Site Name in FEIS	Watershed	Type	Easting	Northing	AS	RS	BY	SL	HA	FHAP	SK	HM	HY	SHIM	AC	AG	BS	EF	FF	FY	GN	MT						
2008	LSA - South	Koignuk River (KRBS-02)		Koignuk	Stream	430044	7550968	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Golder (2009)	
2008	LSA - South	Koignuk River (KRBS-03)		Koignuk	Stream	430075	7550902	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Golder (2009)	
2010	LSA - South	Aimaokatalok Lake		Aimaokatalok	Lake	441000	7505000	-	-	-	-	X	-	-	-	X	-	X	-	-	-	-	-	-	X	X	-	-	LKTR, LKWH	Rescan (2011a)	
2010	LSA - South	Stickleback Lake		Aimaokatalok	Lake	442000	7503500	-	-	X	-	X	-	-	-	-	-	-	-	-	-	-	-	-	X	X	-	-	-	Rescan (2011a, 2011c)	
2010	LSA - South	Trout Lake		Aimaokatalok	Lake	442500	7503000	-	-	X	-	X	-	-	-	-	-	-	-	-	-	-	-	-	X	X	-	-	-	Rescan (2011a, 2011c)	
2010	LSA - South	Boulder Creek (site C01)	C-MBR-7	Koignuk	Stream	434893	7531138	-	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Rescan (2011a)	
2010	LSA - South	Boulder Creek Tributary (site C02)	C-MBR-8	Koignuk	Stream	437887	7524620	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011a)	
2010	LSA - South	Aimaokatalok Inflow (site C03)		Aimaokatalok	Stream	439235	7516589	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011a)	
2010	LSA - South	Aimaokatalok Outflow		Aimaokatalok	Stream	438777	7509090	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011a)	
2010	LSA - South	Aimaokatalok River		Aimaokatalok	River	450398	7486717	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011a)	
2010	LSA - South	Aimaokatalok Inflow (site S03)		Aimaokatalok	Stream	441648	7510935	-	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Rescan (2011a)	
2010	LSA - South	Boston Area (site S04)		Aimaokatalok	Stream	444282	7510291	-	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Rescan (2011a)	
2010	LSA - South	Boston Area (site S05)		Aimaokatalok	Stream	444194	7509155	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011a)	
2010	LSA - South	Boston Area (site S06)		Aimaokatalok	Stream	446248	7509300	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011a)	
2010	LSA - South	Aimaokatalok Inflow (site S07)		Aimaokatalok	Stream	444481	7508846	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011a)	
2010	LSA - South	Aimaokatalok Inflow (site S09)		Aimaokatalok	Stream	444210	7508103	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011a)	
2010	LSA - South	Aimaokatalok Inflow (site S10)		Aimaokatalok	Stream	443159	7507107	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011a)	
2010	LSA - South	Boston PND road crossing (site S11)		Aimaokatalok	Stream	443521	7506971	-	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Rescan (2011a)	
2010	LSA - South	Boston Area (site S12)		Aimaokatalok	Stream	444790	7506730	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011a)	
2010	LSA - South	Boston Area (site S13)		Aimaokatalok	Stream	444850	7506280	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011a)	
2010	LSA - South	Boston Area (site S14)		Aimaokatalok	Stream	444450	7506040	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011a)	
2010	LSA - South	Boston Area (site S15)		Aimaokatalok	Stream	444150	7506100	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011a)	
2010	LSA - South	Boston Camp (site S16)		Aimaokatalok	Stream	443703	7505541	-	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Rescan (2011a)	
2010	LSA - South	Stickleback Outflow (site S17)		Aimaokatalok	Stream	441655	7504997	-	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Rescan (2011a)	
2010	LSA - South	Stickleback Outflow (site S18)		Aimaokatalok	Stream	441932	7504231	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011a)	
2010	LSA - South	Trout Lake Outflow (site S19)		Aimaokatalok	Stream	442447	7503727	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011a)	
2010	LSA - South	Trout Lake Outflow (site S20)		Aimaokatalok	Stream	442368	7503979	-	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Rescan (2011a)	
2010	LSA - South	Boston tailings #1 (site S21)	Boston Stream S21	Aimaokatalok	Stream	445530	7503770	-	-	-	-	-	X	-	-	-	X	-	-	-	X	-	-	-	-	-	-	-	-	NSSB	Rescan (2011a)
2010	LSA - South	Boston tailings stream 2 (site S22)	Boston Tailings Stream 1	Aimaokatalok	Stream	445550	7503515	-	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	NSSB	Rescan (2011a)
2010	LSA - South	Boston tailings stream 1 (site S23)	Boston Stream S23	Aimaokatalok	Stream	444818	7503270	-	-	-	-	-	X	-	-	-	X	-	-	-	X	-	-	-	-	-	-	-	-	-	Rescan (2011a)
2010	LSA - South	Boston tailings pond 1 site S24)	Boston 1 East	Aimaokatalok	Stream	448331	7503236	-	-	-	-	-	X	-	-	-	X	-	-	-	X	-	-	-	-	-	-	-	-	NSSB	Rescan (2011a)
2010	LSA - South	Boston tailings stream 3 (site S25)	Boston Stream S25	Aimaokatalok	Stream	448294	7503124	-	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	Rescan (2011a)
2010	LSA - South	Boston tailings pond 1 (site S26)	Boston Stream S26	Aimaokatalok	Stream	448231	7502992	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011a)
2010	LSA - South	Boston PND road (site S27)	Boston Stream S27	Aimaokatalok	Stream	445080	7508661	-	-	-	-	-	X	-	-	-	X	-	-	-	X	-	-	-	-	-	-	-	-	-	Rescan (2011a)
2010	LSA - South	Boston tailings #1 (site S28)	Boston Stream 28	Aimaokatalok	Stream	445530	7503720	-	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	Rescan (2011a)
2010	LSA - South	Trout Outflow (site S29)		Aimaokatalok	Stream	442367	7504100	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011a)
2010	LSA - South	Inlet to waste rock pond (site S30)	Boston Stream S30	Aimaokatalok	Stream	442602	7501876	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011a)
2010	LSA - South	Boston area (site S31)		Aimaokatalok	Stream	445735	7506498	-	-	-	-	-	-	-	-	-	X	-	-	-	X	-	-	-	-	-	-	-	-	-	Rescan (2011a)
2010	LSA - South	Boston area (site S32)		Aimaokatalok	Stream	447370	7504175	-	-	-	-	-	-	-	-	-	X	-	-	-	X	-	-	-	-	-	-	-	-	-	Rescan (2011a)
2010	LSA - South	Boston area (site S33)		Aimaokatalok	Stream	448468	7504058	-	-	-	-	-	-	-	-	-	X	-	-	-	X	-	-	-	-	-	-	-	-	-	Rescan (2011a)
2010	LSA - South	Boston area (site S34)		Aimaokatalok	Stream	447434	7504022	-	-	-	-	-	-	-	-	-	X	-	-	-	X	-	-	-	-	-	-	-	-	-	Rescan (2011a)
2010	LSA - South	Boston area (site S35)		Aimaokatalok	Stream	442936	7503438	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011a)
2010	LSA - South	Q09	Pond Q09	Aimaokatalok	Pond	439947	7515663	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011a)
2010	LSA - South	Q10	Pond Q10	Aimaokatalok	Pond	444260	7507273	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011a)
2010	LSA - South	Q11	Pond Q11	Aimaokatalok	Pond	441541	7501848	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011a)
2014	LSA - South	Aimaokatalok Lake arm (inflow from Trout Lake)		Aimaokatalok	Lake	441885	7504457	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	ERM (2014b)

Habitat Survey Codes: AS = aerial survey, RS = reconnaissance survey, BY = bathymetry, FHAP = Fish Habitat Assessment Procedure, HA = habitat assessment, HM = hydraulic model, HY = hydroacoustic/video assessment, SHIM = Sensitive Habitat Inventory Method,

SK = snorkel survey, and SL = Small lake surface area estimation.

Fish Community Sampling Gears: AC = acoustics, AG = angling, BS = beach seine, EF = electrofishing, FF = fish fence, FY = fyke net, GN = gillnet, MT = minnow trap.

Fish Species Codes: ARCH = Arctic Char, ARGR = Arctic Grayling, BRWH = Broad Whitefish, CISC = Lake Cisco, LSCS - Least Cisco, LKTR = Lake Trout, LKWH = Lake Whitefish, NNST = Ninespine Stickleback.

X = survey conducted. Dashes indicate no surveys were conducted.

LSA = Local Study Area, RSA = Regional Study Area.

Appendix V5-6Y. Freshwater Fish Community and Habitat Survey Sites, 1993-2017

Sampling			Alternate	Water Body	UTM		Fish Habitat										Fish Community														
Year	Area	Water Body	Site Name in FEIS	Watershed	Type	Easting	Northing	AS	RS	BY	SL	HA	FH	AP	SK	HM	HY	SH	IM	AC	AG	BS	EF	FF	FY	GN	MT	Tagging	Stomach Contents	Tissue Metals	Source
2014	LSA - South	Stream S33		Aimaokatalok	Stream	448353	7503262	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	X	-	-	-	X	-	-	-	ERM (2014b)
2014	LSA - South	Stream S34		Aimaokatalok	Stream	444777	7508715	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	ERM (2014b)
2014	LSA - South	Pond Q11		Aimaokatalok	Pond	441459	7501869	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	X	-	-	-	X	-	-	-	ERM (2014b)
2014	LSA - South	Pond Q23		Aimaokatalok	Pond	441372	7502990	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	X	-	-	-	X	-	-	-	ERM (2014b)
2014	LSA - South	Pond Q24		Aimaokatalok	Pond	445866	7507114	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	X	-	-	-	X	-	-	-	ERM (2014b)
2014	LSA - South	Pond Q25		Aimaokatalok	Pond	446537	7509359	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	X	-	-	-	X	-	-	-	ERM (2014b)
2014	LSA - South	Pond Q25 Outflow		Aimaokatalok	Pond	446136	7509213	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	X	-	-	-	X	-	-	-	ERM (2014b)
1997	LSA - North	Little Roberts Outflow (DP26)		Roberts	Stream	433688	7563697	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	Rescan (1998)
1998	RSA	Pelvic Lake		Roberts	Lake	439427	7553793	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	LKTR, LKWH	LKTR, LKWH	LKTR, LKWH	Rescan (1999)
2000	LSA - North	Little Roberts Lake		Roberts	Lake	434660	7562817	X	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	LKTR, ARCH, BRWH	ARCH, LKWH	-	Rescan (2001)
2000	RSA	Roberts Outflow		Roberts	Stream	435059	7562919	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2001)
2000	LSA - North	Little Roberts Outflow		Roberts	Stream	433800	7563622	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	Rescan (2001)
2002	RSA	Pelvic Lake		Roberts	Lake	439427	7553793	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	RL&L/Golder (2003a)
2002	LSA - North	Little Roberts Lake		Roberts	Lake	434660	7562817	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	LKTR	LSCS	-	RL&L/Golder (2003a)
2003	RSA	Pelvic Inflow		Roberts	Stream	441291	7549747	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	RL&L/Golder (2003b); Golder (2007b)
2003	RSA	Pelvic Outflow (E02)		Roberts	Stream	438886	7555987	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	LKTR	-	-	RL&L/Golder (2003b); Golder (2007b)
2003	RSA	Pelvic Outflow (E03)		Roberts	Stream	437000	7558200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	LKTR	-	-	RL&L/Golder (2003b); Golder (2007b)
2003	RSA	Pelvic Outflow (E04a)		Roberts	Stream	436517	7559094	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	LKTR	-	-	RL&L/Golder (2003b); Golder (2007b)
2003	RSA	Pelvic Outflow (E04b)		Roberts	Stream	436497	7559150	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	LKTR	-	-	RL&L/Golder (2003b); Golder (2007b)
2003	RSA	Pelvic Outflow (E04c)		Roberts	Stream	436381	7559380	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	LKTR	-	-	RL&L/Golder (2003b); Golder (2007b)
2003	RSA	Pelvic Outflow (E05)		Roberts	Stream	436250	7559670	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	LKTR	-	-	RL&L/Golder (2003b); Golder (2007b)
2003	RSA	Pelvic Outflow (E06)		Roberts	Stream	435851	7560862	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	LKTR	-	-	RL&L/Golder (2003b); Golder (2007b)
2005	RSA	Pelvic Outflow		Roberts	Stream	436497	7559150	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	X	-	-	ARCH, LKTR	-	-	Golder (2006b)
2003	RSA	Roberts Inflow E07		Roberts	Stream	438534	7561328	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	RL&L/Golder (2003b); Golder (2007b)
2003	RSA	Roberts Inflow E09		Roberts	Stream	441119	7559630	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	RL&L/Golder (2003b); Golder (2007b)
2003	RSA	Roberts Inflow E11		Roberts	Stream	441263	7559504	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	RL&L/Golder (2003b); Golder (2007b)
2003	RSA	Roberts Inflow E12		Roberts	Stream	441263	7559482	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	RL&L/Golder (2003b); Golder (2007b)
2003	RSA	Roberts Inflow E13		Roberts	Stream	438811	7561781	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	RL&L/Golder (2003b); Golder (2007b)
2003	RSA	Roberts Inflow E14		Roberts	Stream	436820	7563103	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	RL&L/Golder (2003b); Golder (2007b)
2003	RSA	Roberts Inflow E15		Roberts	Stream	435503	7562956	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	RL&L/Golder (2003b); Golder (2007b)
2003	LSA - North	Little Roberts Outflow (E17)		Roberts	Stream	434123	7563022	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	RL&L/Golder (2003b); Golder (2007b)
2003	LSA - North	Little Roberts Outflow (E18)		Roberts	Stream	433804	7563446	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	RL&L/Golder (2003b); Golder (2007b)
2004	RSA	Pelvic Outflow (E06)		Roberts	Stream	435869	7560832	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	Golder (2005)
2004	RSA	Roberts Inflow E07		Roberts	Stream	438534	7561328	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	X	-	-	-	Golder (2005)
2004	RSA	Roberts Inflow E09		Roberts	Stream	441175	7559401	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	X	-	-	-	Golder (2005)
2004	RSA	Roberts Lake Shoreline E10		Roberts	Lake	441119	7559630	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	X	-	-	-	Golder (2005)
2004	RSA	Roberts Inflow E11		Roberts	Stream	441314	7559276	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	X	-	-	-	Golder (2005)
2004	RSA	Roberts Inflow E12		Roberts	Stream	441414	7559246	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	X	-	-	-	Golder (2005)
2004	RSA	Roberts Inflow E13		Roberts	Stream	439072	7561367	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	X	-	-	-	Golder (2005)
2004	RSA	Roberts Inflow E14		Roberts	Stream	436824	7563107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	X	-	-	-	Golder (2005)
2004	RSA	Roberts Outflow		Roberts	Stream	435059	7562919	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	X	X	-	-	ARCH, LKTR	-	-	Golder (2005)
2004	LSA - North	Little Roberts Outflow (site E17)		Roberts	Stream	434114	7563053	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	Golder (2005)
2004	LSA - North	Little Roberts Outflow (site E18)		Roberts	Stream	434149	7562970	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	Golder (2005)
2005	LSA - North	Doris Lake		Doris	Lake	433819	7558230	-	-	X	-	-	-	-	-	-	-	-	-	-	X	-	X	-	-	-	X	-	-	-	Golder (2006b)
2005	LSA - North	Doris Outflow		Doris	Stream	434145	7559550	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	X	-	-	-	-	-	-	-	Golder (2006b)
2005	LSA - North	Quarry 2 Pond (2a)	Pond Q02	Doris	Pond	432252	7558867	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	X	-	-	-	Golder (2006b)

Habitat Survey Codes: AS = aerial survey, RS = reconnaissance survey, BY = bathymetry, FHAP = Fish Habitat Assessment Procedure, HA = habitat assessment, HM = hydraulic model, HY = hydroacoustic/video assessment, SHIM = Sensitive Habitat Inventory Method,

SK = snorkel survey, and SL = Small lake surface area estimation.

Fish Community Sampling Gears: AC = acoustics, AG = angling, BS = beach seine, EF = electrofishing, FF = fish fence, FY = fyke net, GN = gillnet, MT = minnow trap.

Fish Species Codes: ARCH = Arctic Char, ARGR = Arctic Grayling, BRWH = Broad Whitefish, CISC = Lake Cisco, LSCS - Least Cisco, LKTR = Lake Trout, LKWH = Lake Whitefish, NNST = Ninespine Stickleback.

X = survey conducted. Dashes indicate no surveys were conducted.

LSA = Local Study Area, RSA = Regional Study Area.

Appendix V5-6Y. Freshwater Fish Community and Habitat Survey Sites, 1993-2017

Sampling			Alternate	Water Body		UTM		Fish Habitat										Fish Community								Tagging	Stomach Contents	Tissue Metals	Source	
Year	Area	Water Body	Site Name in FEIS	Watershed	Type	Easting	Northing	AS	RS	BY	SL	HA	FHAP	SK	HM	HY	SHIM	AC	AG	BS	EF	FF	FY	GN	MT					
2005	RSA	Quarry 3 Pond (3a)	Pond Q03	Roberts	Pond	435621	7558175	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	X	-	-	-	-	Golder (2006b)
2005	LSA - North	Tailings Alternate Site 2	Pond TAS 2	Doris	Pond	434221	7561798	-	-	X	-	-	-	-	-	-	-	-	-	-	X	-	-	-	X	-	-	-	-	Golder (2006b)
2002	RSA	Roberts Lake		Roberts	Lake	437314	7561766	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	X	X	-	LKTR	LKTR, LKWH, LKCS, LSCS	LKTR	RL&L/Golder (2003a)	
2005	RSA	Pelvic Lake		Roberts	Lake	439427	7553793	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Golder (2006b)
2005	RSA	Pelvic Inflow (POEF01)		Roberts	Stream	439653	7554976	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Golder (2006b)
2005	RSA	Pelvic Inflow (POEF02)		Roberts	Stream	439140	7551726	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Golder (2006b)
2005	RSA	Pelvic Inflow (POEF03)		Roberts	Stream	439133	7552060	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Golder (2006b)
2005	RSA	Roberts Inflow E07		Roberts	Stream	438534	7561328	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Golder (2006b)
2005	RSA	Roberts Inflow E09		Roberts	Stream	441175	7559401	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Golder (2006b)
2005	RSA	Roberts Inflow E11		Roberts	Stream	441314	7559276	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Golder (2006b)
2005	RSA	Roberts Inflow E12		Roberts	Stream	441414	7559246	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Golder (2006b)
2005	RSA	Roberts Inflow E13		Roberts	Stream	439072	7561367	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Golder (2006b)
2005	RSA	Roberts Inflow E14		Roberts	Stream	436824	7563107	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Golder (2006b)
2005	RSA	Roberts Inflow E15		Roberts	Stream	435580	7562498	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Golder (2006b)
2005	RSA	Roberts Inflow E31		Roberts	Stream	440409	7560393	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Golder (2006b)
2005	RSA	Roberts Inflow E32		Roberts	Stream	440171	7560765	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Golder (2006b)
2005	RSA	Roberts Inflow E33		Roberts	Stream	440131	7560757	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Golder (2006b)
2005	RSA	Roberts Inflow E34		Roberts	Stream	437039	7562772	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Golder (2006b)
2005	RSA	Roberts Outflow		Roberts	Stream	435059	7562919	-	-	-	-	-	-	-	-	-	-	-	-	-	X	X	-	-	-	ARCH, LKTR	ARCH	-	-	Golder (2006b)
2003	RSA	Roberts Lake		Roberts	Lake	437314	7561766	-	X	X	-	X	-	-	-	-	-	-	-	-	X	-	X	X	-	ARCH, LKTR	-	-	RL&L/Golder (2003b); Golder (2007b)	
2004	RSA	Roberts Lake		Roberts	Lake	437314	7561766	-	-	-	-	-	-	-	-	-	-	-	X	X	X	-	X	X	X	ARCH, LKTR	-	-	-	Golder (2005)
2005	RSA	Roberts Lake		Roberts	Lake	437314	7561766	-	-	-	-	-	-	-	-	-	-	-	X	-	X	-	X	-	-	ARCH, LKTR	-	-	-	Golder (2006b)
2006	RSA	Roberts Lake		Roberts	Lake	437314	7561766	-	X	-	-	-	-	-	-	X	-	-	X	-	X	-	X	X	-	ARCH, LKTR	-	-	-	Golder (2007)
2003	LSA - North	Little Roberts Lake		Roberts	Lake	434660	7562817	-	X	X	-	X	-	-	-	-	-	-	-	-	X	-	X	X	-	LKTR	-	-	RL&L/Golder (2003b); Golder (2007b)	
2006	RSA	Lake 04		Roberts	Lake	436778	7558672	-	X	-	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	Golder (2007)
2006	RSA	Lake 05		Roberts	Lake	437008	7559023	-	X	-	X	-	-	-	-	-	-	-	X	X	X	-	-	X	-	-	-	-	-	Golder (2007)
2006	RSA	Lake 06a		Roberts	Lake	436873	7560629	-	X	-	X	-	-	-	-	-	-	-	X	-	-	-	-	X	X	-	-	-	-	Golder (2007)
2006	RSA	Lake 06b		Roberts	Lake	437750	7560191	-	X	-	X	-	-	-	-	-	-	-	-	-	X	-	-	X	-	-	-	-	-	Golder (2007)
2006	RSA	Lake 06c		Roberts	Lake	437338	7559425	-	X	-	X	-	-	-	-	-	-	-	-	X	X	-	-	X	-	-	-	-	-	Golder (2007)
2006	RSA	Lake 06d		Roberts	Lake	435998	7559405	-	X	-	X	-	-	-	-	-	-	-	X	X	X	-	-	X	-	-	-	-	-	Golder (2007)
2006	RSA	Lake 07		Roberts	Lake	438478	7561028	-	X	-	X	-	-	-	-	-	-	-	-	-	X	-	-	X	X	-	-	-	-	Golder (2007)
2006	RSA	Lake 09		Roberts	Lake	439710	7559475	-	X	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	Golder (2007)
2006	RSA	Lake 10		Roberts	Lake	440913	7558524	-	X	-	X	-	-	-	-	-	-	-	X	-	-	-	-	X	X	-	-	-	-	Golder (2007)
2006	RSA	Lake 12		Roberts	Lake	441854	7559067	-	X	-	X	-	-	-	-	-	-	-	X	-	X	-	-	X	X	-	-	-	-	Golder (2007)
2006	RSA	Lake 13		Roberts	Lake	438579	7563292	-	X	-	X	-	-	-	-	-	-	-	X	-	-	-	X	X	X	-	-	-	-	Golder (2007)
2006	RSA	Lake 14		Roberts	Lake	436599	7563946	-	X	-	X	-	-	-	-	-	-	-	-	-	-	-	-	X	X	-	-	-	-	Golder (2007)
2006	RSA	Lake 31a		Roberts	Lake	440481	7560993	-	X	-	X	-	-	-	-	-	-	-	X	-	X	-	-	-	-	-	-	-	-	Golder (2007)
2006	RSA	Lake 31b		Roberts	Lake	440830	7560800	-	X	-	X	-	-	-	-	-	-	-	-	X	-	-	-	X	-	-	-	-	-	Golder (2007)
2006	RSA	Lake 32		Roberts	Lake	440167	7561228	-	X	-	X	-	-	-	-	-	-	-	X	-	X	-	-	X	X	-	-	-	-	Golder (2007)
2006	RSA	Lake 32a		Roberts	Lake	440026	7561845	-	X	-	X	-	-	-	-	-	-	-	X	-	-	-	-	X	-	-	-	-	-	Golder (2007)
2006	RSA	Lake 33		Roberts	Lake	439673	7561495	-	X	-	X	-	-	-	-	-	-	-	X	-	-	-	-	X	X	-	-	-	-	Golder (2007)
2006	RSA	Lake 35		Roberts	Lake	439581	7562117	-	X	-	X	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Golder (2007)
2006	LSA - North	Little Roberts Outflow		Roberts	Stream	433800	7563622	-	-	-	-	-	-	-	-	-	-	-	-	-	X	X	-	-	-	ARCH, LKTR	-	-	-	Golder (2007)
2002	RSA	Roberts Outflow		Roberts	Stream	435059	7562919	-	-	-	-	X	-	-	-	-	-	-	-	-	-	X	X	-	-	ARCH, LKTR	ARCH	ARCH	RL&L/Golder (2003a)	
2003	RSA	Roberts Outflow		Roberts	Stream	435059	7562919	-	-	-	-	-	-	-	-	-	-	-	-	X	X	X	X	-	-	ARCH, LKTR	ARCH	-	RL&L/Golder (2003b); Golder (2007b)	
2006	RSA	E04 Outlet		Roberts	Stream	436410	7559365	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Golder (2007)

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SK = snorkel survey, and SL = Small lake surface area estimation.

Fish Community Sampling Gears: AC = acoustics, AG = angling, BS = beach seine, EF = electrofishing, FF = fish fence, FY = fyke net, GN = gillnet, MT = minnow trap.

Fish Species Codes: ARCH = Arctic Char, ARGR = Arctic Grayling, BRWH = Broad Whitefish, CISC = Lake Cisco, LSCS - Least Cisco, LKTR = Lake Trout, LKWH = Lake Whitefish, NNST = Ninespine Stickleback.

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Appendix V5-6Y. Freshwater Fish Community and Habitat Survey Sites, 1993-2017

Sampling			Alternate	Water Body		UTM		Fish Habitat										Fish Community								Tagging	Stomach Contents	Tissue Metals	Source		
Year	Area	Water Body	Site Name in FEIS	Watershed	Type	Easting	Northing	AS	RS	BY	SL	HA	FHAP	SK	HM	HY	SHIM	AC	AG	BS	EF	FF	FY	GN	MT						
2006	RSA	Roberts Inflow E07		Roberts	Stream	438548	7561337	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	Golder (2007)
2006	RSA	Roberts Inflow E09		Roberts	Stream	440992	7559445	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	Golder (2007)
2006	RSA	Roberts Inflow E10		Roberts	Stream	441121	7559196	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	Golder (2007)
2006	RSA	Roberts Inflow E12		Roberts	Stream	441394	7559495	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	Golder (2007)
2006	RSA	Roberts Inflow E13		Roberts	Stream	439029	7561564	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	Golder (2007)
2006	RSA	Roberts Inflow E14		Roberts	Stream	436761	7563327	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	Golder (2007)
2006	RSA	Roberts Inflow E32		Roberts	Stream	440134	7561066	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	Golder (2007)
2006	RSA	Roberts Inflow E33		Roberts	Stream	440079	7560997	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	Golder (2007)
2007	RSA	Roberts Lake		Roberts	Lake	437314	7561766	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	X	X	-	ARCH, LKTR	-	-	-	-	Golder (2008b)
2007	RSA	Lake 10		Roberts	Lake	440913	7558524	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	X	-	-	-	-	-	-	Golder (2008b)
2007	RSA	Lake 32		Roberts	Lake	440167	7561228	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	X	X	-	-	-	-	-	Golder (2008b)
2007	RSA	Roberts Inflow E04		Roberts	Stream	436456	7559367	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	LKTR	-	-	-	-	Golder (2008b)
2007	RSA	Roberts Inflow E10		Roberts	Stream	441122	7559625	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	Golder (2008b)
2007	RSA	Roberts Inflow E11		Roberts	Stream	441277	7559519	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	Golder (2008b)
2007	RSA	Roberts Inflow E14		Roberts	Stream	436771	7563325	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	Golder (2008b)
2007	LSA - North	Little Roberts Outflow		Roberts	Stream	433800	7563622	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	ARCH, LKTR	-	-	-	-	Golder (2008b)
2009	LSA - North	Little Roberts Lake		Roberts	Lake	434660	7562817	-	-	-	-	X	-	-	-	-	-	-	X	-	-	-	-	X	X	-	-	LKTR	-	LKTR	Rescan (2010)
2009	RSA	Reference Lake A		Reference A	Lake	448583	7557621	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	X	X	-	-	-	-	LKTR	Rescan (2010)
2009	RSA	Reference Lake B		Reference B	Lake	425613	7534367	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	X	-	-	-	-	LKTR	Rescan (2010)
2009	LSA - North	Pond 2		Roberts	Pond	435668	7558315	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	Rescan (2010)
2009	RSA	Angimajuq River Reference		Angimajuq	River	447496	7563941	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2010)
2009	RSA	Roberts Inflow (site F1)		Roberts	Stream	437000	7558200	-	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	Rescan (2010)
2009	RSA	Roberts Inflow E09		Roberts	Stream	441123	7559626	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	X	-	-	-	-	-	Rescan (2010)
2009	RSA	Reference A Outflow (site F1)		Reference	Stream	448509	7561825	-	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	X	-	-	-	LKTR	-	Rescan (2010)
2009	RSA	Reference B Outflow (site F1)		Reference B	Stream	427170	7530483	-	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	X	-	-	-	LKTR	-	Rescan (2010)
2010	RSA	Roberts Lake (site TN-1)		Roberts	Lake	435593	7562682	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	ARCH, LKTR	-	-	-	-	Rescan (2011b)
2010	RSA	Roberts Lake (site TN-2)		Roberts	Lake	439041	7561560	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	ARCH, LKTR	-	-	-	Rescan (2011b)
2010	RSA	Roberts Lake (site TN-3)		Roberts	Lake	435574	7561262	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	ARCH, LKTR	-	-	-	Rescan (2011b)
2010	RSA	Roberts Lake (site TN-4)		Roberts	Lake	440096	7560985	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	ARCH, LKTR	-	-	-	Rescan (2011b)
2010	RSA	Roberts Lake (site TN-5)		Roberts	Lake	436789	7563291	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	ARCH, LKTR	-	-	-	Rescan (2011b)
2010	RSA	Roberts Lake (site TN-6)		Roberts	Lake	440161	7560349	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	ARCH, LKTR	-	-	-	Rescan (2011b)
2010	LSA - North	Little Roberts Lake		Roberts	Lake	434660	7562817	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011c)
2010	RSA	Reference Lake B		Reference B	Lake	425000	7532000	-	-	X	-	X	-	-	-	-	-	-	-	-	-	-	-	-	X	X	-	-	-	NSSB	Rescan (2011a, 2011c)
2010	RSA	Reference Lake D		Reference D	Lake	447983	7562527	-	-	X	-	X	-	-	-	-	-	-	-	-	-	-	-	-	X	X	-	LKTR, LKWH	-	LKTR, LKWH, NSSB	Rescan (2011a, 2011c)
2010	RSA	Roberts Inflow E04		Roberts	Stream	436414	7559481	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	Rescan (2011b)
2010	RSA	Roberts Inflow E06		Roberts	Stream	436234	7559967	-	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	-	ARCH, LKTR	-	-	-	-	Rescan (2011b)
2010	RSA	Roberts Inflow E09		Roberts	Stream	440900	7559411	-	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	-	ARCH, LKTR	-	-	-	-	Rescan (2011b)
2010	RSA	Roberts Inflow E13		Roberts	Stream	439024	7561514	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	ARCH, LKTR	-	-	-	-	Rescan (2011b)
2010	RSA	Roberts Inflow E14		Roberts	Stream	436787	7563357	-	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	-	ARCH, LKTR	-	-	-	-	Rescan (2011b)
2010	RSA	Roberts Inflow E31		Roberts	Stream	440338	7560580	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	ARCH, LKTR	-	-	-	-	Rescan (2011b)
2010	RSA	Roberts Inflow E33		Roberts	Stream	439013	7561173	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	ARCH, LKTR	-	-	-	-	Rescan (2011b)
2010	RSA	Roberts Inflow E36		Roberts	Stream	436380	7559560	-	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	ARCH, LKTR	-	-	-	-	Rescan (2011b)
2010	RSA	Roberts Outflow		Roberts	Stream	435059	7562919	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	ARCH, LKTR	-	-	-	-	Rescan (2011b)
2010	RSA	Roberts Outflow (site N06)		Roberts	Stream	435059	7562919	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011a)
2010	LSA - North	Little Roberts Outflow (site N03)		Roberts	Stream	433800	7563622	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011a)
2010	LSA - North	Little Roberts Outflow		Roberts	Stream	433800	7563622	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011a)

Habitat Survey Codes: AS = aerial survey, RS = reconnaissance survey, BY = bathymetry, FHAP = Fish Habitat Assessment Procedure, HA = habitat assessment, HM = hydraulic model, HY = hydroacoustic/video assessment, SHIM = Sensitive Habitat Inventory Method,

SK = snorkel survey, and SL = Small lake surface area estimation.

Fish Community Sampling Gears: AC = acoustics, AG = angling, BS = beach seine, EF = electrofishing, FF = fish fence, FY = fyke net, GN = gillnet, MT = minnow trap.

Fish Species Codes: ARCH = Arctic Char, ARGH = Arctic Grayling, BRWH = Broad Whitefish, CISC = Lake Cisco, LSCS - Least Cisco, LKTR = Lake Trout, LKWH = Lake Whitefish, NNST = Ninespine Stickleback.

X = survey conducted. Dashes indicate no surveys were conducted.

LSA = Local Study Area, RSA = Regional Study Area.

Appendix V5-6Y. Freshwater Fish Community and Habitat Survey Sites, 1993-2017

Sampling		Alternate		Water Body		UTM		Fish Habitat										Fish Community								Tagging	Stomach Contents	Tissue Metals	Source
Year	Area	Water Body	Site Name in FEIS	Watershed	Type	Easting	Northing	AS	RS	BY	SL	HA	FHAP	SK	HM	HY	SHIM	AC	AG	BS	EF	FF	FY	GN	MT				
2010	RSA	Reference B Outflow		Reference B	Stream	427134	7530417	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011a)
2010	RSA	Reference D Outflow		Reference D	Stream	448133	7562868	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2011a)
2011	RSA	Roberts Lake (site TN-1)		Roberts	Lake	435593	7562682	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	ARCH, LKTR	-	-	Rescan (2012b)
2011	RSA	Roberts Lake (site TN-2)		Roberts	Lake	439041	7561560	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	ARCH, LKTR	-	-	Rescan (2012b)
2011	RSA	Roberts Lake (site TN-3)		Roberts	Lake	435574	7561262	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	ARCH, LKTR	-	-	Rescan (2012b)
2011	RSA	Roberts Lake (site TN-4)		Roberts	Lake	440096	7560985	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	ARCH, LKTR	-	-	Rescan (2012b)
2011	RSA	Roberts Lake (site TN-5)		Roberts	Lake	436789	7563291	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	ARCH, LKTR	-	-	Rescan (2012b)
2011	RSA	Roberts Lake (site TN-6)		Roberts	Lake	440161	7560349	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	ARCH, LKTR	-	-	Rescan (2012b)
2011	RSA	Roberts Inflow E09 US		Roberts	Stream	441103	7559606	-	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	-	ARCH, LKTR	-	-	Rescan (2012b)
2011	RSA	Roberts Inflow E09 M		Roberts	Stream	441074	7559535	-	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	-	ARCH, LKTR	-	-	Rescan (2012b)
2011	RSA	Roberts Inflow E09 DS		Roberts	Stream	440905	7559406	-	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	-	ARCH, LKTR	-	-	Rescan (2012b)
2011	RSA	Roberts Inflow E14		Roberts	Stream	436380	7559560	-	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	-	ARCH, LKTR	-	-	Rescan (2012b)
2011	RSA	Roberts Outflow		Roberts	Stream	435059	7562919	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	ARCH, LKTR	-	-	Rescan (2012b)
2012	RSA	Roberts Lake (site TN-2)		Roberts	Lake	439041	7561560	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	ARCH, LKTR	-	-	Rescan (2013)
2012	RSA	Roberts Lake (site TN-3)		Roberts	Lake	435574	7561262	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	ARCH, LKTR	-	-	Rescan (2013)
2012	RSA	Roberts Lake (site TN-4)		Roberts	Lake	440096	7560985	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	ARCH, LKTR	-	-	Rescan (2013)
2012	RSA	Roberts Lake (site TN-5)		Roberts	Lake	436789	7563291	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	ARCH, LKTR	-	-	Rescan (2013)
2012	RSA	Roberts Lake (site TN-1)		Roberts	Lake	435593	7562682	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	ARCH, LKTR	-	-	Rescan (2013)
2012	RSA	Roberts Lake (site TN-6)		Roberts	Lake	440161	7560349	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	ARCH, LKTR	-	-	Rescan (2013)
2012	RSA	Roberts Inflow E09 US		Roberts	Stream	441103	7559606	-	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	-	ARCH, LKTR	-	-	Rescan (2013)
2012	RSA	Roberts Inflow E09 M		Roberts	Stream	441074	7559535	-	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	-	ARCH, LKTR	-	-	Rescan (2013)
2012	RSA	Roberts Inflow E09 DS		Roberts	Stream	440905	7559406	-	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	-	ARCH, LKTR	-	-	Rescan (2013)
2012	RSA	Roberts Inflow E14		Roberts	Stream	436380	7559560	-	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	-	ARCH, LKTR	-	-	Rescan (2013)
2012	RSA	Roberts Outflow		Roberts	Stream	435059	7562919	-	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	ARCH, LKTR	-	-	Rescan (2013)
2013	RSA	Roberts Inflow E09 US		Roberts	Stream	441103	7559606	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	ARCH, LKTR	-	-	ERM Rescan (2014b)
2013	RSA	Roberts Inflow E09 M		Roberts	Stream	441074	7559535	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	ARCH, LKTR	-	-	ERM Rescan (2014b)
2013	RSA	Roberts Inflow E09 DS		Roberts	Stream	440905	7559406	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	ARCH, LKTR	-	-	ERM Rescan (2014b)
2013	RSA	Roberts Inflow E14		Roberts	Stream	436380	7559560	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	ARCH, LKTR	-	-	ERM Rescan (2014b)
2013	RSA	Roberts Outflow		Roberts	Stream	435059	7562919	-	-	-	-	X	-	-	-	-	-	-	-	-	-	X	-	-	-	ARCH, LKTR			ERM Rescan (2014b)
2014	RSA	Roberts Inflow E09		Roberts	Stream	441074	7559535	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	ERM (2015b)
2014	RSA	Roberts Inflow E14		Roberts	Stream	436380	7559560	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	ERM (2015b)
2014	RSA	Roberts Outflow		Roberts	Stream	435059	7562919	-	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	ERM (2015b)
2015	RSA	Roberts Inflow (site E09)		Roberts	Stream	441074	7559535	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ERM (2016c)
2015	RSA	Roberts Outflow		Roberts	Stream	435059	7562919	-	X	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	ERM (2016c)
2017	LSA - North	Roberts Bay Inflow (site C-CDR-01)		Roberts Bay	Stream	432108	7562941	X	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ERM (2017a)
2017	LSA - North	Glenn Outflow (site C-CDR-02)		Windy	Stream	431627	7563806	X	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	ERM (2017a)
2017	LSA - North	Patch Inflow (site C-TIA-01)		Doris	Stream	433622	7552784	X	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ERM (2017a)
2017	LSA - North	Doris Inflow (site C-TIA-02)		Doris	Stream	434781	7553327	X	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ERM (2017a)
2017	LSA - North	Doris Inflow (site C-TIA-03)		Doris	Stream	435039	7553604	X	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ERM (2017a)
2017	LSA - North	Ogama Outflow (site C-TIA-04)		Doris	Stream	435094	7555505	X	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	ERM (2017a)
2017	LSA - North	Wolverine Outflow (site (C-MS-1)		Doris	Stream	434760	7547111	X	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ERM (2017a)
2017	LSA - South	Boulder Creek (site C-MBR-7)		Koignuk	Stream	434964	7531135	X	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	ERM (2017a)
2017	LSA - South	Boulder Creek Trib (site C-MBR-8)		Koignuk	Stream	437979	7524706	X	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	ERM (2017a)
2017	LSA - South	Aimaokatalok Inflow (site C-MBR-9)		Aimaokatalok	Stream	439158	7516576	X	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	ERM (2017a)
2017	LSA - South	Aimaokatalok Inflow (site C-MBR-10)		Aimaokatalok	Stream	439433	7515859	X	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ERM (2017a)
2017	LSA - South	Aimaokatalok Inflow (site C-MBR-11)		Aimaokatalok	Stream	441626	7510781	X	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	ERM (2017a)

Habitat Survey Codes: AS = aerial survey, RS = reconnaissance survey, BY = bathymetry, FHAP = Fish Habitat Assessment Procedure, HA = habitat assessment, HM = hydraulic model, HY = hydroacoustic/video assessment, SHIM = Sensitive Habitat Inventory Method,

SK = snorkel survey, and SL = Small lake surface area estimation.

Fish Community Sampling Gears: AC = acoustics, AG = angling, BS = beach seine, EF = electrofishing, FF = fish fence, FY = fyke net, GN = gillnet, MT = minnow trap.

Fish Species Codes: ARCH = Arctic Char, ARGR = Arctic Grayling, BRWH = Broad Whitefish, CISC = Lake Cisco, LSCS - Least Cisco, LKTR = Lake Trout, LKWH = Lake Whitefish, NNST = Ninespine Stickleback.

X = survey conducted. Dashes indicate no surveys were conducted.

LSA = Local Study Area, RSA = Regional Study Area.

Appendix V5-6Y. Freshwater Fish Community and Habitat Survey Sites, 1993-2017

Sampling			Alternate	Water Body	UTM		Fish Habitat												Fish Community										Tagging	Stomach Contents	Tissue Metals	Source
Year	Area	Water Body	Site Name in FEIS	Watershed	Type	Easting	Northing	AS	RS	BY	SL	HA	FHAP	SK	HM	HY	SHIM	AC	AG	BS	EF	FF	FY	GN	MT							
2017	LSA - South	Aimaokatalok Inflow (site C-MBR-12)		Aimaokatalok	Stream	444365	7509635	X	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ERM (2017a)			
2017	LSA - South	Aimaokatalok Inflow (site C-MBR-13)		Aimaokatalok	Stream	444444	7508833	X	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ERM (2017a)			
2017	LSA - South	Aimaokatalok Inflow (site C-MBR-14)		Aimaokatalok	Stream	444109	7508180	X	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ERM (2017a)			
2017	LSA - South	Aimaokatalok Inflow (site C-MBR-15)		Aimaokatalok	Stream	443420	7507037	X	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	ERM (2017a)			
2017	LSA - South	Aimaokatalok Inflow (site C-MBR-16)		Aimaokatalok	Stream	443649	7505485	X	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	ERM (2017a)			
2017	LSA - South	Aimaokatalok Inflow (site C-MBR-17)		Aimaokatalok	Stream	443490	7504607	X	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	ERM (2017a)			
2017	LSA - South	Aimaokatalok Inflow (site C-MBR-18)		Aimaokatalok	Stream	442718	7504389	X	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ERM (2017a)			
2017	LSA - South	Trout Outflow (site C-MBR-19)		Aimaokatalok	Stream	442298	7504222	X	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	ERM (2017a)			
2017	LSA - South	Stickleback Outflow (site C-MBR-20)		Aimaokatalok	Stream	441941	7504209	X	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	ERM (2017a)			
2017	LSA - North	Ogama Inflow		Doris	Stream	436585	7550895	-	-	-	-	-	X	-	X	-	-	-	-	-	X	-	-	-	-	-	-	-	ERM (2017a, 2017c)			
2017	LSA - North	P.O. Outflow		Doris	Stream	436641	7550178	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	ERM (2017a)			
2017	LSA - North	Patch Outflow		Doris	Stream	436255	7549016	-	-	-	-	-	X	-	X	-	-	-	-	-	X	-	-	-	-	-	-	-	ERM (2017a, 2017c)			
2017	LSA - North	Wolverine Outflow East		Doris	Stream	435625	7545963	-	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	ERM (2017a)			
2017	LSA - North	Imniagut Outflow		Doris	Stream	433757	7551046	X	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	ERM (2017a)			
2017	LSA - North	Ogama Outflow		Doris	Stream	435059	7555575	-	-	-	-	-	X	-	X	-	-	-	-	-	X	-	-	-	-	-	-	-	ERM (2017a, 2017c)			
2017	LSA - South	Stickleback Outflow		Aimaokatalok	Stream	441932	7504231	-	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	ERM (2017a)			
2017	LSA - North	Imniagut Lake		Doris	Lake	433571	7551415	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	X	X	-	-	-	ERM (2017a)			
2017	LSA - South	Stickleback Lake		Aimaokatalok	Lake	442000	7503500	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	X	-	-	-	-	ERM (2017a)			
2017	LSA - South	Boston Pond 1		Aimaokatalok	Pond	443909	7504216	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	X	-	-	-	ERM (2017b)			
2017	LSA - South	Boston Pond 2		Aimaokatalok	Pond	443874	7503515	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	X	-	-	-	ERM (2017b)			
2017	LSA - South	Boston Pond 3		Aimaokatalok	Pond	443902	7503082	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	X	X	-	-	-	ERM (2017b)			
2017	LSA - South	Boston Pond 4		Aimaokatalok	Pond	443445	7503560	-	-	-	-	X	-	-	-	-	-	-	-	-	X	-	-	-	X	-	-	-	ERM (2017b)			
2005	LSA - North	Tail Lake		Doris	Lake	435194	7557488	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Golder (2006b)			
2006	LSA - North	Glenn Lake		Windy	Lake	430110	7560232	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	X	X	-	-	-	Golder (2007)			
2008	LSA - South	Boston Reference Lake		Aimaokatalok	Lake	437999	7503662	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Golder (2009)			
2009	LSA - North	Roberts Bay Inflow (site F1)		Roberts Bay	Stream	431028	7559547	-	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	Rescan (2010)			
2009	LSA - North	Roberts Bay Inflow (site F2)		Roberts Bay	Stream	432218	7549585	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Rescan (2010)			
2009	RSA	Roberts Inflow (site F2)		Roberts	Stream	437000	7558200	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	Rescan (2010)			
1995	LSA - South	Koignuk River (F14)		Koignuk	River	431896	7533618	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	Rescan (1995)			
1995	LSA - South	Koignuk River		Koignuk	River	431772	7532681	-	X	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	Klohn-Crippen (1995)			
2015	LSA - North	Little Roberts Outflow		Roberts	Stream	433800	7563622	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	ERM (2015a)			
2015	LSA - North	Lower Doris Outflow		Doris	Stream	434634	7562389	-	-	-	-	-	-	-	X	-	-	-	-	-	X	-	-	-	-	-	-	-	ERM (2015a)			
2015	LSA - North	Middle Doris Outflow		Doris	Stream	434135	7559860	-	-	-	-	-	-	-	X	-	-	-	-	-	X	-	-	-	-	-	-	-	ERM (2015a)			
2015	LSA - North	Upper Doris Outflow		Doris	Stream	434049	7559418	-	-	-	-	-	-	-	X	-	-	-	-	-	X	-	-	-	-	-	-	-	ERM (2015a)			
2016	LSA - North	Doris Outflow		Doris	Stream	434067	7559440	-	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	ERM (2016a)			
2016	RSA	Roberts Outflow		Roberts	Stream	435059	7562919	-	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	ERM (2015a)			
2016	LSA - North	Little Roberts Outflow		Roberts	Stream	433800	7563622	-	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	ERM (2015a)			
2006	RSA	Lake 06		Roberts	Lake	436012	7560400	-	X	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Golder (2007)			
2006	RSA	Lake 07a		Roberts	Lake	438456	7560546	-	X	-	X	-	-	-	-	-	-	-	-	X	-	X	-	-	X	X	-	-	Golder (2007)			
2010	LSA - South	Boston 1 North		Aimaokatalok	Stream	447848	7503780	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	NSSB	Rescan (2011a)			
2010	LSA - South	Boston 2 Stream		Aimaokatalok	Stream	443035	7507145	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	NSSB	Rescan (2011a)		
2010	LSA - South	Boston 3 FT		Aimaokatalok	Stream	444276	7509099	-	-	-	-	-	-	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	NSSB	Rescan (2011a)		
2006	LSA - North	Tail Lake		Doris	Lake	435194	7557488	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Golder (2006a)			
2006	LSA - North	Doris Lake		Doris	Lake	433819	7558230	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Golder (2006a)			
2006	LSA - North	Windy Lake		Windy	Lake	431631	7553268	-	-	X	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Golder (2006a)			
2014	LSA - North	Imniagut Outflow		Doris	Stream	433757	7551046	-	-	-	-	-	X	-	-	-	-	-	-	-	X	-	-	-	-	-	-	-	ERM (2015c)			

Habitat Survey Codes: AS = aerial survey, RS = reconnaissance survey, BY = bathymetry, FHAP = Fish Habitat Assessment Procedure, HA = habitat assessment, HM = hydraulic model, HY = hydroacoustic/video assessment, SHIM = Sensitive Habitat Inventory Method,

SK = snorkel survey, and SL = Small lake surface area estimation.

Fish Community Sampling Gears: AC = acoustics, AG = angling, BS = beach seine, EF = electrofishing, FF = fish fence, FY = fyke net, GN = gillnet, MT = minnow trap.

Fish Species Codes: ARCH = Arctic Char, ARGR = Arctic Grayling, BRWH = Broad Whitefish, CISC = Lake Cisco, LSCS - Least Cisco, LKTR = Lake Trout, LKWH = Lake Whitefish, NNST = Ninespine Stickleback.

X = survey conducted. Dashes indicate no surveys were conducted.

LSA = Local Study Area, RSA = Regional Study Area.

Appendix V5-6Y. Freshwater Fish Community and Habitat Survey Sites, 1993-2017

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