State of Alaska
Department of Fish and Game
Division of Sport Fish

Nomination Form
Anadromous Waters Catalog

E

Region: WST

USGS Quad(s): SLEETMUTE C-8

Anadromous Waters Catalog Number of Waterway: 335-20-16600-2501

Name of Waterway: Kolmakof River ☑ USGS Name ☐ Local Name

☑ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

Nomination #: 10-0436

Revision Year: 2011

Revision to: Atlas ____ Catalog ____ Both X

Revision Code: ~~A-1, B-1~~ F-1

Fisheries Scientist	7/14/10 Date
Habitat Operations Manager	7/14/10 Date
AWC Project Biologist	3/9/10 Date
Cartographer	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Coho salmon	~~6, 8/21, 8/22, 8/24, 8/25, 9/4, 9/13/20~~			X	☑
	10/4-9				☐
	11/6-8				☐
					☐
					☐

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

Comments: Coho salmon observed as part of radio tracking study, tag numbers 1213, 1258, 1184, 1285, 1173, 1425, 1274, 1487, 1062

add coho salmon present to stream

Name of Observer (please print): Zachary Liller

Signature: [signature] Date: 3/9/10

Agency: ADFG - CF

Address: 333 Raspberry Road

Anchorage, AK 99518

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

Signature of Area Biologist: [signature] Date: 3/17/2010

Name of Area Biologist (please print): Douglas B Molyneaux

Revision 05/08

Survey	date	species	gearpos	length	sex	frequency	code	tagNum	Latitude	Longitude	Major Basin	Sub Area	Sub Basin	Stream 1	Stream 2	Discription
October	8/29/2009	Coho	1 - Right Bank	0	0	148.231	24	0	61.548525	-160.19095	Kuskokwim R.	6	Mainstem			Near Kalskag Tagging Site
October	7/18/2009	Coho	1 - Right Bank	460	2 - Female	148.405	0	1001	61.52958	-157.67916	Kuskokwim R.	6	Oskawalik			
October	7/27/2009	Coho	1 - Right Bank	568	1 - Male	148.231	0	1006	60.56991333	-157.67871	Kuskokwim R.	2	Holitna River	Kogrukluk	Shotgun Creek	
October	7/28/2009	Coho	1 - Right Bank	596	1 - Male	148.464	0	1007	60.96923667	-156.4579867	Kuskokwim R.	2	Holitna River	Hoholitna		Between Door and Cabrini Creek
October	7/30/2009	Coho	1 - Right Bank	529	1 - Male	148.485	1	1008	61.41178833	-153.73664	Kuskokwim R.	3	Stony River			Above Necons River
October	7/30/2009	Coho	1 - Right Bank	574	2 - Female	148.345	0	1009	63.39568333	-154.6225983	Kuskokwim R.	5	Takotna	Nixon Fork		Above Boulder Creek
October	7/31/2009	Coho	1 - Right Bank	577	1 - Male	148.525	0	1010	60.78660333	-157.09317	Kuskokwim R.	2	Holitna River	Titnuk Creek		
October	7/31/2009	Coho	1 - Right Bank	524	2 - Female	148.301	1	1013	61.591655	-159.5530533	Kuskokwim R.	6	Mainstem			Near Aniak Village
October	8/1/2009	Coho	1 - Right Bank	486	2 - Female	148.363	75	1014	62.629875	-154.6057233	Kuskokwim R.	5	Middle Fork			Above Windy Fork
October	8/1/2009	Coho	1 - Right Bank	540	1 - Male	148.891	12	1017	61.87336	-155.6020467	Kuskokwim R.	4	Swift River	Cheeneetnuk River		Below Shoeleather Creek
October	8/2/2009	Coho	1 - Right Bank	501	1 - Male	148.345	2	1018	61.26427167	-155.1552867	Kuskokwim R.	3	Stony River			Above Stink River
October	8/2/2009	Coho	1 - Right Bank	570	1 - Male	148.525	2	1019	61.83803333	-155.8447733	Kuskokwim R.	4	Swift River	Cheeneetnuk River		Below Shoeleather Creek
October	8/3/2009	Coho	1 - Right Bank	560	1 - Male	148.301	2	1023	60.70873167	-158.17027	Kuskokwim R.	2	Holitna River	Kogrukluk	Unnamed Tributary	Above Shotgun Creek
October	8/3/2009	Coho	2 - Left Bank	478	1 - Male	148.405	3	1024	61.38643	-154.7091967	Kuskokwim R.	4	Swift River	Unnamed Creek		Above North Fork
October	8/3/2009	Coho	1 - Right Bank	560	2 - Female	148.212	3	1025	60.70259333	-158.1698733	Kuskokwim R.					
October	8/3/2009	Coho	2 - Left Bank	553	1 - Male	148.262	1	1026	62.595245	-154.62249	Kuskokwim R.					
October	8/4/2009	Coho	1 - Right Bank	532	2 - Female	148.212	2	1027	60.82091167	-156.1604983	Kuskokwim R.					elow Killae Creek
October	8/4/2009	Coho	1 - Right Bank	583	1 - Male	148.525	3	1028	61.56471	-159.483085	Kuskokwim R.					k
October	8/4/2009	Coho	1 - Right Bank	556	1 - Male	148.363	3	1029	60.812025	-156.06231	Kuskokwim R.					
October	8/4/2009	Coho	1 - Right Bank	560	2 - Female	148.485	2	1030	61.84261167	-154.7946967	Kuskokwim R.					
October	8/4/2009	Coho	1 - Right Bank	530	2 - Female	148.282	2	1031	61.594425	-159.5907283	Kuskokwim R.					Village
October	8/4/2009	Coho	1 - Right Bank	485	1 - Male	148.891	1	1032	62.92316333	-156.18415	Kuskokwim R.					Creek
October	8/6/2009	Coho	1 - Right Bank	490	1 - Male	148.464	3	1033	60.813905	-157.4604633	Kuskokwim R.					
October	8/6/2009	Coho	1 - Right Bank	574	2 - Female	148.405	2	1034	61.22809	-155.0401217	Kuskokwim R.					
October	8/6/2009	Coho	1 - Right Bank	534	1 - Male	148.525	56	1035	60.800155	-156.93895	Kuskokwim R.					
October	8/6/2009	Coho	1 - Right Bank	560	2 - Female	148.363	2	1036	61.37578167	-156.8571367	Kuskokwim R.					
November	8/7/2009	Coho	1 - Right Bank	556	2 - Female	148.262	3	1038	60.56253833	-158.2950233	Kuskokwim R.					
October	8/7/2009	Coho	2 - Left Bank	475	1 - Male	148.231	5	1039	61.87470333	-154.801105	Kuskokwim R.					
October	8/7/2009	Coho	1 - Right Bank	544	1 - Male	148.212	4	1040	62.26473833	-157.38522	Kuskokwim R.					
October	8/8/2009	Coho	2 - Left Bank	493	2 - Female	148.363	1	1041	61.871945	-157.90638	Kuskokwim R.	6	Mainstem			Between Crooked and George River
October	8/10/2009	Coho	1 - Right Bank	573	2 - Female	148.464	5	1042	61.01445667	-155.83144	Kuskokwim R.	2	Holitna River	Hoholitna	Hook Creek	
October	8/13/2009	Coho	2 - Left Bank	453	1 - Male	148.485	5	1044	61.32110667	-160.5988183	Kuskokwim R.	7	Mainstem			Below Old River
October	8/14/2009	Coho	1 - Right Bank	475	2 - Female	148.231	6	1046	61.87746833	-156.11043	Kuskokwim R.	4	Swift River			Below Cheeneetnuk River
November	8/14/2009	Coho	1 - Right Bank	575	1 - Male	148.891	3	1047	60.497095	-158.06861	Kuskokwim R.	2	Holitna River	Kogrukluk River	Shotgun Creek	Unnamed Tributary
October	8/15/2009	Coho	1 - Right Bank	445	1 - Male	148.262	5	1049	61.81695	-157.5314517	Kuskokwim R.	6	Mainstem			Between George and Holitna
November	8/15/2009	Coho	2 - Left Bank	625	1 - Male	148.345	5	1050	60.63628667	-158.4894867	Kuskokwim R.	2	Holitna River	Chukowan River	Baird Creek	
October	8/15/2009	Coho	1 - Right Bank	563	1 - Male	148.363	5	1051	61.22318833	-158.300385	Kuskokwim R.	6	Holokuk	Egozuk Creek		
November	8/15/2009	Coho	2 - Left Bank	548	2 - Female	148.262	0	1052	61.326455	-159.498195	Kuskokwim R.	7	Discovery Creek			
November	8/15/2009	Coho	2 - Left Bank	505	1 - Male	148.464	1	1060	60.61753667	-158.9463683	Kuskokwim R.	2	Holitna River	Chukowan River	Gemuk River	
October	8/16/2009	Coho	1 - Right Bank	460	1 - Male	148.525	5	1061	61.46315	-154.252145	Kuskokwim R.	4	Swift River			Above North Fork
October	8/16/2009	Coho	2 - Left Bank	505	1 - Male	148.502	8	1062	61.7976	-158.7898383	Kuskokwim R.	6	Kolmakof River			
October	8/16/2009	Coho	1 - Right Bank	533	1 - Male	148.363	6	1064	60.60159	-157.719255	Kuskokwim R.	2	Holitna River	Kogrukluk	Shotgun Creek	
November	8/16/2009	Coho	1 - Right Bank	574	1 - Male	148.464	4	1065	61.10670833	-158.9548117	Kuskokwim R.	1	Aniak River	Timber Creek	Unnamed Tributary	
October	8/16/2009	Coho	1 - Right Bank	511	1 - Male	148.405	4	1068	60.781395	-156.9694583	Kuskokwim R.	2	Holitna River	Titnuk Creek		
October	8/16/2009	Coho	1 - Right Bank	515	2 - Female	148.485	4	1071	61.44829167	-160.4700883	Kuskokwim R.	7	Mainstem			Below Old River
October	8/17/2009	Coho	1 - Right Bank	570	1 - Male	148.212	6	1072	60.94411833	-154.0498683	Kuskokwim R.	3	Stony River	Telaquana River		
November	8/17/2009	Coho	1 - Right Bank	583	1 - Male	148.405	6	1073	60.834105	-158.5101917	Kuskokwim R.	2	Holitna River	Chukowan River	Chikululnuk River	
October	8/17/2009	Coho	1 - Right Bank	557	1 - Male	148.502	6	1074	61.47898333	-154.3802483	Kuskokwim R.	4	Swift River			Above North Fork
October	8/17/2009	Coho	1 - Right Bank	570	2 - Female	148.405	5	1075	61.20984833	-156.6700083	Kuskokwim R.	2	Holitna River	Hoholitna		Below Door Creek
November	8/17/2009	Coho	2 - Left Bank	495	1 - Male	148.891	6	1076	61.27289333	-157.75505	Kuskokwim R.	2	Holitna River	Chuilnuk River	Unnamed Tributary	
November	8/17/2009	Coho	1 - Right Bank	513	2 - Female	148.231	2	1077	60.69537167	-158.4572417	Kuskokwim R.	2	Holitna River	Chukowan River	Baird Creek	
November	8/17/2009	Coho	1 - Right Bank	598	2 - Female	148.345	3	1078	61.76553	-156.7425483	Kuskokwim R.	6	Mainstem			Between Holitna and Stony River
October	8/17/2009	Coho	1 - Right Bank	555	1 - Male	148.282	3	1079	61.477555	-154.3337083	Kuskokwim R.	4	Swift River			Above North Fork
October	8/17/2009	Coho	1 - Right Bank	506	1 - Male	148.301	3	1081	61.61602167	-157.3524483	Kuskokwim R.	6	Vreeland Creek			
October	8/17/2009	Coho	1 - Right Bank	543	2 - Female	148.891	5	1083	60.75120167	-156.6079433	Kuskokwim R.	2	Holitna River	Titnuk Creek		
October	8/17/2009	Coho	2 - Left Bank	470	1 - Male	148.464	6	1085	60.79330333	-157.899345	Kuskokwim R.	2	Holitna River	Kogrukluk		Above Shotgun Creek
October	8/18/2009	Coho	1 - Right Bank	580	1 - Male	148.485	8	1087	61.05367667	-154.8433533	Kuskokwim R.	3	Stony River	Can Creek		
October	8/18/2009	Coho	1 - Right Bank	515	1 - Male	148.464	8	1089	61.59523	-159.5677867	Kuskokwim R.	6	Mainstem			Downstream of Aniak Village
October	8/18/2009	Coho	1 - Right Bank	605	2 - Female	148.345	8	1090	61.08511167	-155.504465	Kuskokwim R.	2	Holitna River	Hoholitna	Hook Creek	
November	8/18/2009	Coho	1 - Right Bank	660	1 - Male	148.525	8	1092	60.712175	-157.8863667	Kuskokwim R.	2	Holitna River	Kogrukluk River	Shotgun Creek	
October	8/18/2009	Coho	2 - Left Bank	496	1 - Male	148.405	8	1093	60.77116167	-156.3172967	Kuskokwim R.	2	Holitna River	Hoholitna	Cabrini Creek	
October	8/18/2009	Coho	1 - Right Bank	580	1 - Male	148.282	4	1094	61.338815	-153.7257733	Kuskokwim R.	3	Stony River			Above Necons River
October	8/18/2009	Coho	1 - Right Bank	485	2 - Female	148.485	3	1095	61.71799333	-157.1722567	Kuskokwim R.	6	Mainstem			Between George and Holitna River

Note: Locations were determined by plotting lat/long for each fish detected during aeiral survey flights. In the typical situation where a fish was detected on multiple occasions during the flight (i.e. different locations) the location corresponding to the maximum signal strenght was plotted. Location names were determined using a combination of ArcGIS, Garmin Map, and quarter-quads. The entire Kuskokwim drainage above Aniak was flown extensively in October with the exception of the upper Holitna, upper Aniak, and a few small mainstem tributaries. These portions of the drainage that were not covered in October were flown in November. In the situation that a fish was detected in both the October and November surveys (n=48) the most upstream location was selected as the best estimate of upstream destination. In the situation were a fish was located in the mainstem during one survey event and in a tributary in the other, the tributary location was used, unless signal strenght dictated otherwise. **This table only represents best estimates of final upstream location for the purpose of mapping and FINAL distribution summaries(i.e. Green cells). Yellow cells represent new fish located during the November flight.**

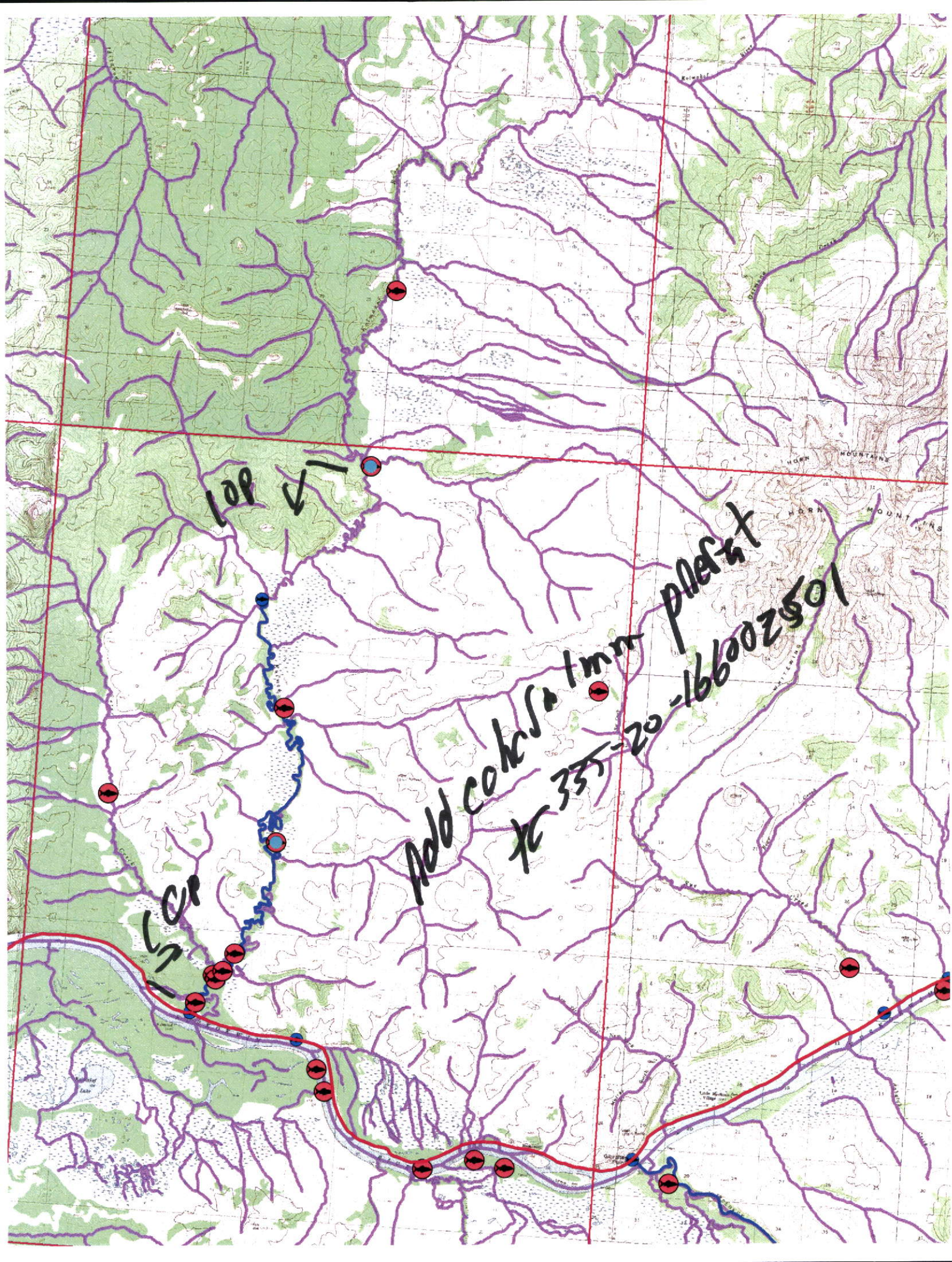
Survey	date	species	gearpos	length	sex	frequency	code	tagNum	Latitude	Longitude	Major Basin	Sub Area	Sub Basin	Stream 1	Stream 2	Discription
November	8/18/2009	Coho	1- Right Bank	598	1 - Male	148.502	3	1096	60.73552167	-158.4577267	Kuskokwim R.	2	Holitna River	Chukowan River	Baird Creek	
November	8/18/2009	Coho	1- Right Bank	585	1 - Male	148.231	4	1097	60.98661833	-158.33513	Kuskokwim R.	2	Holitna River	Chukowan River	Oksotalik River	
October	8/18/2009	Coho	1- Right Bank	596	2 - Female	148.363	8	1098	60.91698667	-158.90089	Kuskokwim R.	1	Aniak River	Atsaksovluk Creek		Above Waterboot Creek
October	8/18/2009	Coho	1- Right Bank	565	1 - Male	148.212	5	1099	60.84228167	-158.114535	Kuskokwim R.	2	Holitna River	Chukowan River		Below Oksotalik
November	8/18/2009	Coho	2 - Left Bank	530	1 - Male	148.282	5	1100	61.32248833	-159.4981	Kuskokwim R.	7	Discovery Creek			
November	8/18/2009	Coho	1- Right Bank	556	2 - Female	148.301	4	1102	60.86401	-158.1477333	Kuskokwim R.	2	Holitna River	Chukowan River	Unnamed Tributary	Between Mukslulik and Oksotalik Creek
October	8/18/2009	Coho	2 - Left Bank	473	1 - Male	148.345	4	1103	61.809465	-155.3524983	Kuskokwim R.	4	Swift River	Cheeneetnuk River	Unnamed Tributary	Below Shoeleather Creek
October	8/18/2009	Coho	1- Right Bank	575	1 - Male	148.301	8	1104	60.70707333	-158.1716467	Kuskokwim R.	2	Holitna River	Kogrukluk	Unnamed Tributary	Above Shotgun Creek
October	8/18/2009	Coho	1- Right Bank	564	2 - Female	148.891	4	1105	61.572075	-159.8093317	Kuskokwim R.	6	Mainstem			Near lowest outlet of Aniak Slough
October	8/18/2009	Coho	1- Right Bank	570	1 - Male	148.485	13	1106	62.41277833	-154.9734917	Kuskokwim R.	5	Middle Fork	Big River		
October	8/18/2009	Coho	1- Right Bank	552	2 - Female	148.301	11	1107	61.65478333	-159.3568417	Kuskokwim R.	6	Owhat River			
November	8/18/2009	Coho	1- Right Bank	493	1 - Male	148.212	13	1109	60.855425	-158.1435267	Kuskokwim R.	2	Holitna River	Chukowan River	Unnamed Tributary	Between Mukslulik and Oksotalik Creek
October	8/18/2009	Coho	1- Right Bank	690	2 - Female	148.891	11	1112	62.21811833	-154.7321033	Kuskokwim R.	5	Middle Fork	Big River		
October	8/18/2009	Coho	2 - Left Bank	552	1 - Male	148.282	12	1114	61.59423167	-159.5882233	Kuskokwim R.	6	Mainstem			Downstream of Aniak Village
October	8/18/2009	Coho	1- Right Bank	505	1 - Male	148.891	13	1115	61.52702333	-159.4000133	Kuskokwim R.	1	Aniak River			Between Doestock and Buckstock River
October	8/18/2009	Coho	1- Right Bank	553	2 - Female	148.282	13	1116	60.83616833	-158.046145	Kuskokwim R.	2	Holitna River	Chukowan River		Below Oksotalik
October	8/18/2009	Coho	1- Right Bank	519	2 - Female	148.363	11	1117	61.61519333	-157.010085	Kuskokwim R.	2	Holitna River			Below Hoholitna
October	8/18/2009	Coho	1- Right Bank	555	2 - Female	148.231	11	1118	62.00759667	-155.7296967	Kuskokwim R.	6	Tatlawiksuk River			
October	8/18/2009	Coho	1- Right Bank	566	2 - Female	148.212	11	1122	60.57116833	-157.6805067	Kuskokwim R.	2	Holitna River	Kogrukluk	Shotgun Creek	
October	8/18/2009	Coho	1- Right Bank	583	1 - Male	148.464	13	1123	60.824645	-155.81909	Kuskokwim R.	2	Holitna River	Hoholitna	South Fork	Above Killae Creek
October	8/20/2009	Coho	1- Right Bank	566	1 - Male	148.464	9	1125	61.35185	-155.4340167	Kuskokwim R.	3	Stony River			Above Stink River
October	8/20/2009	Coho	1- Right Bank	549	1 - Male	148.485	9	1128	61.49576333	-158.486925	Kuskokwim R.	6	Holokuk			Below Chineekluk Creek
October	8/20/2009	Coho	1- Right Bank	550	2 - Female	148.485	11	1129	61.56722333	-159.228635	Kuskokwim R.	6	Mainstem			Between Owhat and Kolmakof
October	8/20/2009	Coho	1- Right Bank	587	2 - Female	148.262	9	1130	60.63066833	-157.7890767	Kuskokwim R.	2	Holitna River	Kogrukluk	Shotgun Creek	
October	8/20/2009	Coho	1- Right Bank	533	2 - Female	148.502	11	1131	62.11627833	-155.5599383	Kuskokwim R.	6	Tatlawiksuk River			
November	8/20/2009	Coho	2 - Left Bank	564	1 - Male	148.282	11	1133	60.89263167	-158.5009533	Kuskokwim R.	2	Holitna River	Chukowan River	Chikululnuk River	
November	8/20/2009	Coho	1- Right Bank	516	2 - Female	148.363	9	1134	60.89109833	-159.642735	Kuskokwim R.	1	Aniak River	Salmon River	Eagle Creek	
October	8/20/2009	Coho	2 - Left Bank	434	1 - Male	148.891	9	1135	61.32869333	-157.1459367	Kuskokwim R.	2	Holitna River			Between Titnuk and Taylor Creek
October	8/20/2009	Coho	1- Right Bank	583	1 - Male	148.282	9	1137	61.08787167	-156.55561	Kuskokwim R.	2	Holitna River	Hoholitna		Between Door and Cabrini Creek
October	8/20/2009	Coho	1- Right Bank	566	2 - Female	148.212	9	1139	61.35351667	-158.1198117	Kuskokwim R.	6	Holokuk	Chineekluk Creek	Kiokluk Creek	
October	8/20/2009	Coho	2 - Left Bank	537	2 - Female	148.262	6	1140	61.55042167	-159.4209283	Kuskokwim R.	1	Aniak River			Below Doestock Creek
October	8/20/2009	Coho	2 - Left Bank	569	2 - Female	148.345	11	1141	61.55522167	-159.705145	Kuskokwim R.	6	Mainstem			Aniak Slough
October	8/20/2009	Coho	2 - Left Bank	588	2 - Female	148.345	9	1142	61.57292833	-159.140205	Kuskokwim R.	6	Mainstem			Between Owhat and Kolmakof
October	8/20/2009	Coho	1- Right Bank	585	2 - Female	148.345	6	1146	61.33564333	-159.2148383	Kuskokwim R.	1	Aniak River	Buckstock River		
November	8/20/2009	Coho	1- Right Bank	568	1 - Male	148.464	11	1147	60.96054167	-158.1798783	Kuskokwim R.	2	Holitna River	Chukowan River	Unnamed Tributary	Between Mukslulik and Oksotalik Creek
November	8/20/2009	Coho	1- Right Bank	604	2 - Female	148.262	8	1148	60.93488833	-158.3160433	Kuskokwim R.	2	Holitna River	Chukowan River	Oksotalik River	
October	8/20/2009	Coho	1- Right Bank	559	2 - Female	148.525	11	1149	63.267025	-154.9436267	Kuskokwim R.	5	Takotna	Nixon Fork		Between Clear and Ruby Creek
October	8/20/2009	Coho	1- Right Bank	571	1 - Male	148.212	8	1150	60.84830167	-156.434715	Kuskokwim R.	2	Holitna River	Hoholitna	Cabrini Creek	
October	8/20/2009	Coho	1- Right Bank	607	1 - Male	148.231	1	1151	61.80102	-157.4219783	Kuskokwim R.	6	Mainstem			Between George and Holitna River
October	8/20/2009	Coho	1- Right Bank	535	2 - Female	148.262	11	1152	60.52262167	-157.5678233	Kuskokwim R.	2	Holitna River	Kogrukluk	Shotgun Creek	
October	8/20/2009	Coho	1- Right Bank	549	1 - Male	148.405	9	1153	61.59728333	-159.6281	Kuskokwim R.	6	Mainstem			Downstream of Aniak Village
October	8/20/2009	Coho	2 - Left Bank	518	1 - Male	148.282	1	1154	61.42088333	-157.052675	Kuskokwim R.	2	Holitna River			Between Hoholitna and Itulilik Creek
November	8/21/2009	Coho	2 - Left Bank	608	2 - Female	148.464	14	1156	60.66243667	-157.9517867	Kuskokwim R.	2	Holitna River	Kogrukluk River	Shotgun Creek	Unnamed Tributary
October	8/21/2009	Coho	1- Right Bank	588	2 - Female	148.485	14	1157	60.70878333	-157.8775533	Kuskokwim R.	2	Holitna River	Kogrukluk	Shotgun Creek	
October	8/21/2009	Coho	1- Right Bank	560	1 - Male	148.212	12	1159	63.311855	-152.91863	Kuskokwim R.	5	East Fork	Slow Fork	Telidaside Creek	
October	8/21/2009	Coho	2 - Left Bank	556	2 - Female	148.231	14	1160	61.56860167	-159.1729933	Kuskokwim R.	6	Mainstem			Between Owhat and Kolmakof
October	8/21/2009	Coho	1- Right Bank	620	2 - Female	148.301	12	1163	60.851645	-158.18156	Kuskokwim R.	2	Holitna River	Chukowan River	Oksatolik River	
October	8/21/2009	Coho	1- Right Bank	512	1 - Male	148.345	14	1165	61.49487167	-160.3047233	Kuskokwim R.	7	Mainstem			Old River below Discovery Creek
October	8/21/2009	Coho	1- Right Bank	571	2 - Female	148.525	13	1166	61.47067667	-157.9994567	Kuskokwim R.	6	Oskawalik			
October	8/21/2009	Coho	2 - Left Bank	605	1 - Male	148.405	14	1168	61.49826833	-160.309255	Kuskokwim R.	7	Mainstem			Old River below Discovery Creek
October	8/21/2009	Coho	1- Right Bank	603	1 - Male	148.891	14	1169	61.02295833	-155.8085533	Kuskokwim R.	2	Holitna River	Hoholitna	Hook Creek	
October	8/21/2009	Coho	1- Right Bank	582	1 - Male	148.231	12	1171	61.36041167	-157.0290433	Kuskokwim R.	2	Holitna River			Between Itulilik and Titnuk Creek
October	8/21/2009	Coho	2 - Left Bank	608	1 - Male	148.212	15	1173	61.59258	-158.8643283	Kuskokwim R.	6	Kolmakof River			
October	8/21/2009	Coho	1- Right Bank	584	1 - Male	148.345	13	1174	60.84836	-158.1849283	Kuskokwim R.	2	Holitna River	Chukowan River		Above Oksatolik
October	8/21/2009	Coho	2 - Left Bank	586	2 - Female	148.262	14	1177	61.53109	-158.7343517	Kuskokwim R.	6	Mainstem			Between Kolmakof and Holokuk River
October	8/21/2009	Coho	1- Right Bank	492	2 - Female	148.345	12	1178	61.58662167	-159.4779533	Kuskokwim R.	6	Mainstem			Between Aniak and Owhat
November	8/21/2009	Coho	1- Right Bank	586	1 - Male	148.363	15	1179	60.60553667	-158.7730167	Kuskokwim R.	2	Holitna River	Chukowan River	Enatalik Creek	
October	8/21/2009	Coho	1- Right Bank	598	1 - Male	148.282	15	1180	61.83025333	-155.879405	Kuskokwim R.	4	Swift River	Cheeneetnuk River	Unnamed Tributary	Below Shoeleather Creek
November	8/21/2009	Coho	2 - Left Bank	584	2 - Female	148.525	14	1181	61.019105	-159.564825	Kuskokwim R.	1	Aniak River	Salmon River	Dominion Creek	
October	8/21/2009	Coho	1- Right Bank	528	2 - Female	148.485	15	1184	61.58552333	-158.8772183	Kuskokwim R.	6	Kolmakof River			
October	8/22/2009	Coho	1- Right Bank	487	1 - Male	148.464	15	1185	61.44297667	-158.4672033	Kuskokwim R.	6	Holokuk			Below Chineekluk Creek
November	8/22/2009	Coho	2 - Left Bank	606	2 - Female	148.485	17	1187	61.098415	-159.1043517	Kuskokwim R.	1	Aniak River	Timber Creek	Unnamed Tributary	
October	8/22/2009	Coho	2 - Left Bank	549	2 - Female	148.891	17	1189	61.41136	-160.54991	Kuskokwim R.	7	Mainstem			Below Old River

Survey	date	species	gearpos	length	sex	frequency	code	tagNum	Latitude	Longitude	Major Basin	Sub Area	Sub Basin	Stream 1	Stream 2	Discription
October	8/22/2009	Coho	1- Right Bank	564	1 - Male	148.405	16	1190	62.81211833	-156.4252333	Kuskokwim R	5	Takotna	Fourth of July Creek		
November	8/22/2009	Coho	1- Right Bank	595	1 - Male	148.231	15	1192	60.82804167	-158.51035	Kuskokwim R	2	Holitna River	Chukowan River	Chikululnuk River	
October	8/22/2009	Coho	1- Right Bank	638	1 - Male	148.405	15	1194	61.03228167	-156.4736833	Kuskokwim R	2	Holitna River	Hoholitna		Between Door and Cabrini Creek
October	8/22/2009	Coho	1- Right Bank	435	1 - Male	148.525	17	1195	60.81567667	-156.1048217	Kuskokwim R	2	Holitna River	Hoholitna	South Fork	Below Killae Creek
October	8/22/2009	Coho	1- Right Bank	545	2 - Female	148.405	17	1196	60.81212	-156.0521817	Kuskokwim R	2	Holitna River	Hoholitna	South Fork	Below Killae Creek
October	8/22/2009	Coho	1- Right Bank	633	1 - Male	148.301	17	1198	61.55484667	-160.0224183	Kuskokwim R	6	Mainstem			Between Tagging Site and Birch Tree Crossing
October	8/22/2009	Coho	1- Right Bank	483	1 - Male	148.262	16	1200	61.56369833	-159.4548117	Kuskokwim R	1	Aniak River			Below Doestock Creek
November	8/22/2009	Coho	1- Right Bank	584	2 - Female	148.405	12	1205	60.96784167	-158.1806433	Kuskokwim R	2	Holitna River	Chukowan River	Unnamed Tributary	Between Mukslulik and Oksotalik Creek
October	8/22/2009	Coho	1- Right Bank	580	2 - Female	148.363	17	1206	61.56944667	-159.9265733	Kuskokwim R	6	Mainstem			Between Old River and Birch Tree Crossing
October	8/22/2009	Coho	2 - Left Bank	549	2 - Female	148.282	16	1208	61.59016	-159.5738817	Kuskokwim R	6	Mainstem			Downstream of Aniak Village
October	8/22/2009	Coho	2 - Left Bank	566	2 - Female	148.231	16	1209	61.46902	-160.2657083	Kuskokwim R	7	Mainstem			Old River below Discovery Creek
October	8/22/2009	Coho	1- Right Bank	585	1 - Male	148.502	17	1210	61.0707	-155.648275	Kuskokwim R	2	Holitna River	Hoholitna	Hook Creek	
October	8/22/2009	Coho	1- Right Bank	530	2 - Female	148.464	17	1211	61.76988	-158.1911167	Kuskokwim R	6	Mainstem			Between Oskawalik and Crooked Creek
October	8/22/2009	Coho	2 - Left Bank	542	1 - Male	148.282	17	1213	61.576895	-158.88736	Kuskokwim R	6	Kolmakof River			
October	8/23/2009	Coho	1- Right Bank	562	2 - Female	148.891	18	1215	60.880385	-157.8131133	Kuskokwim R	2	Holitna River			Between Mukslulik and Chukowan River
October	8/23/2009	Coho	2 - Left Bank	567	2 - Female	148.363	19	1216	61.59048167	-159.55052	Kuskokwim R	6	Mainstem			Near Aniak Village
October	8/23/2009	Coho	1- Right Bank	614	1 - Male	148.485	16	1218	60.76418833	-156.9574033	Kuskokwim R	2	Holitna River	Titnuk Creek		
October	8/23/2009	Coho	1- Right Bank	601	2 - Female	148.212	16	1219	61.087165	-157.4377517	Kuskokwim R	2	Holitna River			Between Chuilnuk and Portage Creek
October	8/23/2009	Coho	1- Right Bank	560	1 - Male	148.212	18	1222	61.57516	-159.10408	Kuskokwim R	6	Mainstem			Between Owhat and Kolmakof
October	8/23/2009	Coho	1- Right Bank	585	1 - Male	148.282	18	1223	61.58905667	-159.5694367	Kuskokwim R	6	Mainstem			Downstream of Aniak Village
October	8/23/2009	Coho	1- Right Bank	569	1 - Male	148.485	18	1224	61.56158667	-159.4429317	Kuskokwim R	1	Aniak River			Below Doestock Creek
October	8/23/2009	Coho	1- Right Bank	559	2 - Female	148.525	18	1225	61.67172833	-155.1594017	Kuskokwim R	4	Swift River	Gagaryah		
October	8/23/2009	Coho	2 - Left Bank	640	2 - Female	148.345	19	1226	61.26031333	-158.2932717	Kuskokwim R	6	Holokuk			Above Girl Creek
October	8/23/2009	Coho	1- Right Bank	441	1 - Male	148.405	18	1229	61.477075	-154.3420817	Kuskokwim R	4	Swift River			Above North Fork
October	8/23/2009	Coho	2 - Left Bank	545	1 - Male	148.301	19	1231	61.58437667	-159.526765	Kuskokwim R	6	Mainstem			Near Aniak Village
October	8/23/2009	Coho	1- Right Bank	598	1 - Male	148.464	18	1232	60.57433667	-155.730455	Kuskokwim R	2	Holitna River	Hoholitna	South Fork	Killae Creek
October	8/23/2009	Coho	1- Right Bank	531	2 - Female	148.231	18	1233	61.52376833	-154.5826	Kuskokwim R	4	Swift River			Above North Fork
October	8/23/2009	Coho	1- Right Bank	513	2 - Female	148.363	16	1234	61.53787	-160.1834933	Kuskokwim R	6	Mainstem			Near Kalskag Tagging Site
October	8/23/2009	Coho	2 - Left Bank	502	1 - Male	148.405	19	1235	61.53140833	-158.57666	Kuskokwim R	6	Holokuk			Below Chineekluk Creek
October	8/23/2009	Coho	1- Right Bank	594	1 - Male	148.363	18	1236	60.63030167	-157.7877717	Kuskokwim R	2	Holitna River	Kogrukluk	Shotgun Creek	
November	8/23/2009	Coho	1- Right Bank	595	1 - Male	148.891	19	1237	60.727375	-158.4528667	Kuskokwim R	2	Holitna River	Chukowan River	Baird Creek	
November	8/23/2009	Coho	1- Right Bank	615	1 - Male	148.262	18	1241	60.85142833	-158.5380683	Kuskokwim R	2	Holitna River	Chukowan River	Chikululnuk River	
October	8/23/2009	Coho	2 - Left Bank	555	2 - Female	148.525	20	1242	61.58851333	-159.4034983	Kuskokwim R	6	Mainstem			Between Owhat and Kolmakof
November	8/23/2009	Coho	2 - Left Bank	550	1 - Male	148.262	19	1243	60.69995833	-159.005405	Kuskokwim R	1	Aniak River			Above Atsaksovluk Creek
October	8/24/2009	Coho	1- Right Bank	541	1 - Male	148.464	21	1244	61.229475	-158.6258133	Kuskokwim R	1	Aniak River	Buckstock River	Kay Creek	
October	8/24/2009	Coho	1- Right Bank	512	1 - Male	148.282	21	1245	61.82929167	-158.0105783	Kuskokwim R	6	Mainstem			Between Crooked and George River
October	8/24/2009	Coho	1- Right Bank	557	1 - Male	148.231	21	1248	61.98442	-157.4836517	Kuskokwim R	6	George River	East Fork		Below South Fork
November	8/24/2009	Coho	1- Right Bank	619	1 - Male	148.405	21	1249	60.62829833	-158.9331383	Kuskokwim R	2	Holitna River	Chukowan River	Gemuk River	
November	8/24/2009	Coho	1- Right Bank	590	2 - Female	148.405	20	1250	60.88770833	-158.1636667	Kuskokwim R	2	Holitna River	Chukowan River	Unnamed Tributary	Between Mukslulik and Oksotalik Creek
October	8/24/2009	Coho	2 - Left Bank	558	1 - Male	148.345	21	1253	61.535305	-159.4096717	Kuskokwim R	1	Aniak River			Below Doestock Creek
October	8/24/2009	Coho	1- Right Bank	532	2 - Female	148.891	20	1254	61.205655	-157.9226833	Kuskokwim R	2	Holitna River	Unnamed Creek		Between Portage and Bakbuk Creek
October	8/24/2009	Coho	1- Right Bank	598	1 - Male	148.262	21	1255	61.36104167	-156.8208667	Kuskokwim R	2	Holitna River	Hoholitna		Below Door Creek
November	8/24/2009	Coho	1- Right Bank	576	1 - Male	148.363	21	1256	60.52287167	-158.2202267	Kuskokwim R	2	Holitna River	Kogrukluk River	Unnamed Tributary	Above Shotgun Creek
October	8/24/2009	Coho	2 - Left Bank	557	1 - Male	148.485	21	1257	61.900715	-157.7164783	Kuskokwim R	6	George River			Below South Fork
October	8/24/2009	Coho	1- Right Bank	554	1 - Male	148.891	21	1258	61.58435833	-158.8754817	Kuskokwim R	6	Kolmakof River			
October	8/24/2009	Coho	2 - Left Bank	506	1 - Male	148.502	20	1260	61.55898667	-159.4401867	Kuskokwim R	1	Aniak River			Below Doestock Creek
October	8/24/2009	Coho	1- Right Bank	533	2 - Female	148.525	21	1262	61.532995	-158.6819883	Kuskokwim R	6	Mainstem			Between Kolmakof and Holokuk River
October	8/24/2009	Coho	1- Right Bank	546	1 - Male	148.485	19	1263	61.672145	-159.34346	Kuskokwim R	6	Owhat River			
October	8/24/2009	Coho	1- Right Bank	587	1 - Male	148.282	20	1265	61.91219167	-154.5242983	Kuskokwim R	5	Middle Fork	Big River		
October	8/24/2009	Coho	2 - Left Bank	570	2 - Female	148.345	20	1266	61.60293667	-159.41457	Kuskokwim R	6	Owhat River	Unnamed Creek		
October	8/24/2009	Coho	1- Right Bank	611	2 - Female	148.464	20	1267	60.61375667	-157.7511017	Kuskokwim R	2	Holitna River	Kogrukluk	Shotgun Creek	
October	8/24/2009	Coho	1- Right Bank	634	1 - Male	148.212	21	1269	61.53479667	-158.7017017	Kuskokwim R	6	Mainstem			Between Kolmakof and Holokuk River
October	8/24/2009	Coho	1- Right Bank	567	2 - Female	148.231	20	1270	62.74779	-156.7121167	Kuskokwim R	5	Takotna	Fourth of July Creek		
November	8/24/2009	Coho	1- Right Bank	608	1 - Male	148.485	20	1271	60.73410667	-159.2339583	Kuskokwim R	1	Aniak River	Kipchuk River		
October	8/25/2009	Coho	1- Right Bank	573	2 - Female	148.345	22	1273	63.09850667	-153.4571917	Kuskokwim R	5	East Fork	Tonzona	Dennis Cree	Unnamed Tributary
October	8/25/2009	Coho	1- Right Bank	557	1 - Male	148.525	22	1274	61.66848	-158.8433817	Kuskokwim R	6	Kolmakof River			
October	8/25/2009	Coho	1- Right Bank	465	2 - Female	148.891	23	1275	61.67065	-155.2791217	Kuskokwim R	4	Swift River	Gagaryah	Unnamed Tributary	
November	8/25/2009	Coho	1- Right Bank	557	2 - Female	148.485	22	1276	60.78723	-158.65859	Kuskokwim R	2	Holitna River	Chukowan River	Gemuk River	
October	8/25/2009	Coho	1- Right Bank	574	2 - Female	148.231	22	1277	61.49912167	-160.3198767	Kuskokwim R	7	Mainstem			Old River below Discovery Creek
October	8/25/2009	Coho	1- Right Bank	525	1 - Male	148.464	22	1278	61.38968	-160.5914417	Kuskokwim R	7	Mainstem			Below Old River
October	8/25/2009	Coho	2 - Left Bank	462	1 - Male	148.502	23	1279	61.59005833	-159.4285467	Kuskokwim R	6	Mainstem			Between Aniak and Owhat
October	8/25/2009	Coho	1- Right Bank	527	2 - Female	148.212	22	1280	61.59047333	-159.4180017	Kuskokwim R	6	Mainstem			Between Aniak and Owhat
October	8/25/2009	Coho	1- Right Bank	465	2 - Female	148.405	22	1284	61.42371667	-160.5326517	Kuskokwim R	7	Mainstem			Below Old River

Survey	date	species	gearpos	length	sex	frequency	code	tagNum	Latitude	Longitude	Major Basin	Sub Area	Sub Basin	Stream 1	Stream 2	Discription
October	8/25/2009	Coho	1 - Right Bank	576	2 - Female	148.363	22	1285	61.586965	-158.8711167	Kuskokwim R.	6	Kolmakof River			
October	8/25/2009	Coho	1 - Right Bank	624	1 - Male	148.262	22	1286	62.96648667	-154.14845	Kuskokwim R.	5	South Fork	Little Tonzona		Between South Fork and Unnamed Creek
October	8/25/2009	Coho	1 - Right Bank	554	2 - Female	148.485	23	1287	61.30567333	-156.77744	Kuskokwim R.	2	Holitna River	Hoholitna		Below Door Creek
October	8/25/2009	Coho	1 - Right Bank	580	1 - Male	148.282	23	1288	63.26944	-152.774475	Kuskokwim R.	5	East Fork	Slow Fork	Telidaside Creek	
October	8/25/2009	Coho	2 - Left Bank	498	1 - Male	148.464	23	1289	61.57467833	-159.4984683	Kuskokwim R.	6	Mainstem			Between Aniak Village and Aniak River
November	8/25/2009	Coho	1 - Right Bank	575	1 - Male	148.405	23	1290	61.97674333	-156.702375	Kuskokwim R.	6	Moose Creek			
November	8/25/2009	Coho	1 - Right Bank	576	2 - Female	148.345	23	1291	60.90835	-158.2851817	Kuskokwim R.	2	Holitna River	Chukowan River	Oksotalik River	
October	8/25/2009	Coho	1 - Right Bank	590	1 - Male	148.363	23	1292	60.84870833	-158.2007283	Kuskokwim R.	2	Holitna River	Chukowan River		Above Oksotolik
October	8/25/2009	Coho	1 - Right Bank	519	1 - Male	148.525	23	1293	61.83445167	-156.0436667	Kuskokwim R.	4	Swift River			Below Cheeneetnuk River
October	8/25/2009	Coho	2 - Left Bank	566	1 - Male	148.464	19	1294	62.609805	-153.6730933	Kuskokwim R.	5	South Fork			Between Little Tonzona and Jones River
October	8/27/2009	Coho	1 - Right Bank	603	1 - Male	148.405	24	1295	60.86473667	-157.5798683	Kuskokwim R.	2	Holitna River	Kiknik Creek		
October	8/27/2009	Coho	1 - Right Bank	582	2 - Female	148.212	26	1297	60.809785	-155.87915	Kuskokwim R.	2	Holitna River	Hoholitna	South Fork	Killae Creek
October	8/27/2009	Coho	1 - Right Bank	510	2 - Female	148.485	24	1298	61.30424667	-156.7706267	Kuskokwim R.	2	Holitna River	Hoholitna		Below Door Creek
October	8/27/2009	Coho	2 - Left Bank	521	1 - Male	148.212	23	1300	61.66029333	-159.35302	Kuskokwim R.	6	Owhat River	Unnamed Creek		
October	8/27/2009	Coho	1 - Right Bank	530	1 - Male	148.891	24	1301	61.31281167	-156.774045	Kuskokwim R.	2	Holitna River	Hoholitna		Below Door Creek
October	8/27/2009	Coho	1 - Right Bank	572	2 - Female	148.363	24	1302	62.12533833	-155.951565	Kuskokwim R.	6	Tatlawiksuk River	Unnamed Creek		
October	8/27/2009	Coho	1 - Right Bank	528	2 - Female	148.345	24	1303	60.95341	-155.66846	Kuskokwim R.	2	Holitna River	Hoholitna		Between Hook and Gnat Creek
October	8/27/2009	Coho	2 - Left Bank	520	2 - Female	148.363	26	1304	60.52500667	-157.5606633	Kuskokwim R.	2	Holitna River	Kogrukluk	Shotgun Creek	
October	8/28/2009	Coho	2 - Left Bank	619	1 - Male	148.363	51	1306	61.77865833	-159.2869033	Kuskokwim R.	6	Owhat River			
October	8/28/2009	Coho	2 - Left Bank	555	2 - Female	148.525	51	1309	61.58462667	-159.8605633	Kuskokwim R.	6	Mainstem			Birch Tree Crossing
October	8/28/2009	Coho	1 - Right Bank	514	2 - Female	148.485	50	1310	61.62950667	-155.503545	Kuskokwim R.	4	Swift River	Gagaryah		
November	8/28/2009	Coho	1 - Right Bank	497	1 - Male	148.525	50	1311	60.84070333	-158.51261	Kuskokwim R.	2	Holitna River	Chukowan River	Chikululnuk River	
October	8/28/2009	Coho	1 - Right Bank	541	1 - Male	148.282	50	1312	60.88362833	-156.22793	Kuskokwim R.	2	Holitna River	Hoholitna	South Fork	Below Killae Creek
October	8/28/2009	Coho	1 - Right Bank	592	1 - Male	148.502	50	1313	62.07608833	-157.663985	Kuskokwim R.	6	George River	North Fork		
October	8/28/2009	Coho	1 - Right Bank	547	1 - Male	148.262	50	1314	61.458395	-157.6999717	Kuskokwim R.	6	Oskawalik			
October	8/29/2009	Coho	1 - Right Bank	596	1 - Male	148.464	52	1316	60.92481667	-157.7514183	Kuskokwim R.	2	Holitna River			Between Kiknik and Mukslulik Creek
October	8/29/2009	Coho	1 - Right Bank	552	1 - Male	148.525	52	1317	61.23726	-159.1128	Kuskokwim R.	1	Aniak River			Between Buckstock and Timber Creek
October	8/29/2009	Coho	1 - Right Bank	574	2 - Female	148.485	52	1318	61.64607667	-155.4076033	Kuskokwim R.	4	Swift River	Gagaryah	Unnamed Tributary	
October	8/29/2009	Coho	2 - Left Bank	598	1 - Male	148.405	53	1319	60.80155833	-156.382885	Kuskokwim R.	2	Holitna River	Hoholitna	Cabrini Creek	
October	8/29/2009	Coho	1 - Right Bank	530	2 - Female	148.363	52	1320	62.23897667	-157.3259683	Kuskokwim R.	6	George River	Michigan Creek		
October	8/29/2009	Coho	1 - Right Bank	583	2 - Female	148.301	24	1321	61.42798	-158.45432	Kuskokwim R.	6	Holokuk			Below Chineekluk Creek
October	8/29/2009	Coho	1 - Right Bank	585	1 - Male	148.231	52	1322	60.843545	-158.125595	Kuskokwim R.	2	Holitna River	Chukowan River		Below Oksotalik
October	8/29/2009	Coho	1 - Right Bank	600	2 - Female	148.345	26	1323	61.25710333	-159.136475	Kuskokwim R.	1	Aniak River			Between Buckstock and Timber Creek
October	8/29/2009	Coho	1 - Right Bank	478	1 - Male	148.525	24	1324	61.82268333	-158.0419367	Kuskokwim R.	6	Mainstem			Between Crooked and George River
October	8/29/2009	Coho	1 - Right Bank	583	2 - Female	148.282	24	1325	60.835105	-158.0426983	Kuskokwim R.	2	Holitna River	Chukowan River		Below Oksotalik
October	8/29/2009	Coho	1 - Right Bank	590	1 - Male	148.282	26	1326	60.77416167	-156.3522967	Kuskokwim R.	2	Holitna River	Hoholitna	Cabrini Creek	
October	8/30/2009	Coho	1 - Right Bank	568	2 - Female	148.262	53	1329	61.49262	-160.3415833	Kuskokwim R.	7	Mainstem			Old River below Discovery Creek
October	8/30/2009	Coho	2 - Left Bank	542	1 - Male	148.891	51	1330	61.55912333	-158.80657	Kuskokwim R.	6	Mainstem			Between Kolmakof and Holokuk River
October	8/30/2009	Coho	2 - Left Bank	584	1 - Male	148.282	51	1331	61.80035667	-159.2343017	Kuskokwim R.	6	Owhat River			
October	8/30/2009	Coho	2 - Left Bank	587	1 - Male	148.301	51	1332	61.31392	-158.9661417	Kuskokwim R.	1	Aniak River	Buckstock River		
October	8/30/2009	Coho	1 - Right Bank	500	1 - Male	148.345	53	1334	63.39024	-154.6463433	Kuskokwim R.	5	Takotna	Nixon Fork		Above Boulder Creek
October	8/30/2009	Coho	1 - Right Bank	493	2 - Female	148.525	53	1335	60.75896167	-156.3377067	Kuskokwim R.	2	Holitna River	Hoholitna	Cabrini Creek	
October	8/30/2009	Coho	1 - Right Bank	458	1 - Male	148.405	52	1336	61.47806833	-154.3210317	Kuskokwim R.	4	Swift River			Above North Fork
October	8/30/2009	Coho	1 - Right Bank	560	1 - Male	148.345	51	1337	62.58569333	-154.5961367	Kuskokwim R.	5	Middle Fork			Above Windy Fork
October	8/30/2009	Coho	1 - Right Bank	585	2 - Female	148.301	50	1338	61.53361667	-160.24305	Kuskokwim R.	7	Mainstem			Below Kalskag Tagging Site
October	8/30/2009	Coho	1 - Right Bank	611	1 - Male	148.345	50	1340	61.25710333	-159.136475	Kuskokwim R.	1	Aniak River			Between Buckstock and Timber Creek
October	8/30/2009	Coho	1 - Right Bank	599	1 - Male	148.231	50	1341	61.58426167	-159.3577933	Kuskokwim R.	6	Mainstem			Between Owhat and Kolmakof River
October	8/30/2009	Coho	1 - Right Bank	562	1 - Male	148.891	50	1342	61.1108	-158.29297	Kuskokwim R.	6	Holokuk	Boss Creek		
October	8/30/2009	Coho	1 - Right Bank	532	2 - Female	148.262	26	1343	61.08351667	-156.550045	Kuskokwim R.	2	Holitna River	Hoholitna		Between Door and Cabrini Creek
October	8/30/2009	Coho	1 - Right Bank	440	1 - Male	148.405	50	1344	61.596575	-159.4215833	Kuskokwim R.	6	Mainstem			Between Aniak and Owhat
October	8/30/2009	Coho	1 - Right Bank	565	1 - Male	148.502	51	1345	60.944505	-155.537065	Kuskokwim R.	2	Holitna River	Hoholitna		Above Gnat Creek
October	8/30/2009	Coho	2 - Left Bank	484	1 - Male	148.231	51	1346	61.07339667	-156.4994	Kuskokwim R.	2	Holitna River	Hoholitna		Between Door and Cabrini Creek
October	8/30/2009	Coho	1 - Right Bank	575	2 - Female	148.464	54	1347	61.55248833	-158.800705	Kuskokwim R.	6	Mainstem			Between Kolmakof and Holokuk River
October	8/30/2009	Coho	1 - Right Bank	565	1 - Male	148.485	54	1349	62.89801	-154.5715867	Kuskokwim R.	5	Middle Fork	Pitka Fork		Below confluence with Salmon River
November	8/30/2009	Coho	1 - Right Bank	555	2 - Female	148.891	54	1350	61.21970167	-157.9534833	Kuskokwim R.	2	Holitna River	Unnamed Tributary		Between Portage and Bakbuk Creek
October	8/30/2009	Coho	1 - Right Bank	615	2 - Female	148.231	54	1353	61.47602833	-154.3416467	Kuskokwim R.	4	Swift River			Above North Fork
October	8/30/2009	Coho	1 - Right Bank	567	2 - Female	148.345	55	1354	61.53690167	-160.184755	Kuskokwim R.	6	Mainstem			Near Kalskag Tagging Site
November	8/30/2009	Coho	1 - Right Bank	591	2 - Female	148.282	54	1355	60.66897667	-157.9414183	Kuskokwim R.	2	Holitna River	Kogrukluk River	Shotgun Creek	Unnamed Tributary
October	8/30/2009	Coho	1 - Right Bank	573	2 - Female	148.405	51	1356	61.809685	-156.0064283	Kuskokwim R.	4	Swift River			Between Cheeneetnuk and Gagaryah
October	8/30/2009	Coho	1 - Right Bank	583	1 - Male	148.262	51	1357	61.59096667	-159.577235	Kuskokwim R.	6	Mainstem			Downstream of Aniak Village
November	8/30/2009	Coho	1 - Right Bank	584	2 - Female	148.282	19	1359	61.32425167	-159.498185	Kuskokwim R.	7	Discovery Creek			
October	8/30/2009	Coho	1 - Right Bank	612	1 - Male	148.231	23	1360	62.65212167	-153.7609933	Kuskokwim R.	5	South Fork			Between Little Tonzona and Jones River
October	8/30/2009	Coho	1 - Right Bank	593	2 - Female	148.262	23	1361	61.46867	-160.2557717	Kuskokwim R.	7	Mainstem			Old River below Discovery Creek

Survey	date	species	gearpos	length	sex	frequency	code	tagNum	Latitude	Longitude	Major Basin	Sub Area	Sub Basin	Stream 1	Stream 2	Discription
November	8/30/2009	Coho	1 - Right Bank	573	1 - Male	148.502	55	1362	60.70398167	-158.4536683	Kuskokwim R	2	Holitna River	Chukowan River	Baird Creek	
November	8/30/2009	Coho	1 - Right Bank	601	2 - Female	148.301	55	1363	60.88826167	-158.1641017	Kuskokwim R	2	Holitna River	Chukowan River	Unnamed Tributary	Between Mukslulik and Oksotalik Creek
October	8/30/2009	Coho	1 - Right Bank	572	1 - Male	148.363	50	1364	61.52239667	-157.68731	Kuskokwim R	6	Oskawalik			
October	8/30/2009	Coho	1 - Right Bank	530	2 - Female	148.363	54	1365	61.74607333	-159.3198333	Kuskokwim R	6	Owhat River			
October	8/31/2009	Coho	1 - Right Bank	460	1 - Male	148.502	52	1368	61.55536833	-159.438125	Kuskokwim R	1	Aniak River			Below Doestock Creek
October	8/31/2009	Coho	1 - Right Bank	440	1 - Male	148.464	53	1370	61.61045167	-159.3732533	Kuskokwim R	6	Owhat River			
October	8/31/2009	Coho	1 - Right Bank	578	2 - Female	148.891	52	1371	61.533245	-160.3093983	Kuskokwim R	7	Mainstem			Below Kalskag Tagging Site
October	8/31/2009	Coho	1 - Right Bank	575	2 - Female	148.301	53	1372	61.65087	-158.2679383	Kuskokwim R	6	Mainstem			Between Veahna and Oskawalik River
November	8/31/2009	Coho	1 - Right Bank	531	1 - Male	148.231	53	1375	61.02583333	-158.9186017	Kuskokwim R	1	Aniak River	Timber Creek		
October	8/31/2009	Coho	1 - Right Bank	550	2 - Female	148.212	53	1376	62.77321667	-154.4911483	Kuskokwim R	5	Middle Fork	Pitka Fork		Near confluence with Sheep Creek
October	8/31/2009	Coho	1 - Right Bank	605	2 - Female	148.282	53	1378	60.93099333	-156.1604533	Kuskokwim R	2	Holitna River	Hoholitna		Between South Fork and Hook Creek
October	8/31/2009	Coho	1 - Right Bank	598	2 - Female	148.282	52	1379	62.92361333	-153.8764233	Kuskokwim R	5	South Fork	Little Tonzona	Big Salmon Fork	Above No Creek
October	8/31/2009	Coho	1 - Right Bank	520	1 - Male	148.464	24	1380	61.58603333	-159.482975	Kuskokwim R	6	Mainstem			Between Aniak and Owhat
October	8/31/2009	Coho	1 - Right Bank	555	1 - Male	148.363	53	1381	61.64555333	-155.3779733	Kuskokwim R	4	Swift River	Gagaryah		
October	8/31/2009	Coho	1 - Right Bank	570	2 - Female	148.502	26	1382	60.64722	-157.8324567	Kuskokwim R	2	Holitna River	Kogrukluk	Shotgun Creek	
October	8/31/2009	Coho	1 - Right Bank	587	2 - Female	148.485	53	1383	60.673835	-157.857495	Kuskokwim R	2	Holitna River	Kogrukluk	Shotgun Creek	
October	8/31/2009	Coho	1 - Right Bank	543	2 - Female	148.301	52	1384	61.59522833	-159.5994283	Kuskokwim R	6	Mainstem			Downstream of Aniak Village
October	8/31/2009	Coho	1 - Right Bank	550	2 - Female	148.231	26	1385	61.58574333	-159.48549	Kuskokwim R	6	Mainstem			Between Aniak and Owhat
October	8/31/2009	Coho	1 - Right Bank	581	2 - Female	148.262	24	1386	60.58008833	-157.7279567	Kuskokwim R	2	Holitna River	Kogrukluk	Shotgun Creek	Unnamed Tributary
October	8/31/2009	Coho	1 - Right Bank	546	2 - Female	148.502	24	1387	61.604095	-159.4072217	Kuskokwim R	6	Owhat River	Unnamed Creek		
October	8/31/2009	Coho	2 - Left Bank	449	1 - Male	148.301	26	1388	61.19940167	-156.6817467	Kuskokwim R	2	Holitna River	Hoholitna		Below Door Creek
October	9/1/2009	Coho	1 - Right Bank	567	2 - Female	148.363	56	1389	61.42616333	-159.32696	Kuskokwim R	1	Aniak River			Between Doestock and Buckstock River
November	9/1/2009	Coho	2 - Left Bank	553	1 - Male	148.363	57	1390	61.60069667	-158.469905	Kuskokwim R	6	Sue Creek			
October	9/1/2009	Coho	1 - Right Bank	598	1 - Male	148.405	57	1391	61.60789167	-159.3760267	Kuskokwim R	6	Owhat River			
November	9/1/2009	Coho	1 - Right Bank	604	2 - Female	148.231	55	1393	60.93930333	-158.17705	Kuskokwim R	2	Holitna River	Chukowan River	Unnamed Tributary	Between Mukslulik and Oksotalik Creek
October	9/1/2009	Coho	2 - Left Bank	592	2 - Female	148.301	57	1394	61.52289833	-160.1045133	Kuskokwim R	7	Mainstem			Old River below Discovery Creek
October	9/1/2009	Coho	1 - Right Bank	533	2 - Female	148.405	55	1395	61.59717167	-159.6330133	Kuskokwim R	6	Mainstem			Downstream of Aniak Village
October	9/1/2009	Coho	1 - Right Bank	600	2 - Female	148.262	54	1396	61.38031167	-158.0320433	Kuskokwim R	6	Holokuk	Chineekluk Creek		Above Kiokluk Creek
November	9/1/2009	Coho	1 - Right Bank	523	1 - Male	148.485	57	1397	60.87817	-158.9315917	Kuskokwim R	1	Aniak River	Atsaksovluk Creek	Waterboot Creek	
October	9/1/2009	Coho	1 - Right Bank	548	1 - Male	148.485	55	1398	61.306545	-159.172385	Kuskokwim R	1	Aniak River			Between Buckstock and Timber Creek
October	9/1/2009	Coho	1 - Right Bank	603	1 - Male	148.464	55	1399	61.30438833	-157.66035	Kuskokwim R	2	Holitna River	Chuilnuk River		
October	9/1/2009	Coho	1 - Right Bank	564	1 - Male	148.891	55	1402	60.80479333	-155.578105	Kuskokwim R	2	Holitna River	Hoholitna	South Fork	Above Killae Creek
November	9/1/2009	Coho	1 - Right Bank	586	1 - Male	148.502	56	1405	61.67290333	-157.0908683	Kuskokwim R	6	Mainstem			Between Holitna and Stony River
October	9/1/2009	Coho	1 - Right Bank	579	2 - Female	148.262	55	1406	62.973125	-154.20148	Kuskokwim R	5	South Fork			Below Little Tonzona
October	9/1/2009	Coho	1 - Right Bank	528	1 - Male	148.502	57	1407	61.71652	-155.7836917	Kuskokwim R	4	Swift River			Between Cheeneetnuk and Gagaryah
October	9/1/2009	Coho	1 - Right Bank	521	2 - Female	148.485	56	1408	61.10560167	-159.15106	Kuskokwim R	1	Aniak River			Between Timber Creek and Salmon River
November	9/1/2009	Coho	1 - Right Bank	584	1 - Male	148.212	57	1409	61.07149667	-159.1689883	Kuskokwim R	1	Aniak River			Between Timber and Salmon River
October	9/1/2009	Coho	2 - Left Bank	611	1 - Male	148.891	57	1410	61.533245	-160.3093983	Kuskokwim R	7	Mainstem			Below Kalskag Tagging Site
October	9/1/2009	Coho	1 - Right Bank	453	1 - Male	148.464	57	1411	61.22047667	-159.1008267	Kuskokwim R	1	Aniak River			Between Buckstock and Timber Creek
October	9/1/2009	Coho	1 - Right Bank	644	1 - Male	148.525	57	1412	62.92317	-153.873075	Kuskokwim R	5	South Fork	Little Tonzona	Big Salmon Fork	Above No Creek
October	9/3/2009	Coho	1 - Right Bank	526	2 - Female	148.464	58	1413	60.702285	-158.1693117	Kuskokwim R	2	Holitna River	Kogrukluk		Above Shotgun
October	9/3/2009	Coho	1 - Right Bank	600	2 - Female	148.282	59	1414	62.49750167	-153.4795417	Kuskokwim R	5	South Fork	Jones River	Unnamed Tributary	Above Little Tonzona
October	9/3/2009	Coho	1 - Right Bank	558	1 - Male	148.525	58	1415	61.860195	-155.8060883	Kuskokwim R	4	Swift River	Cheeneetnuk River	Unnamed Tributary	Below Shoeleather Creek
October	9/3/2009	Coho	1 - Right Bank	530	2 - Female	148.502	58	1416	62.77142	-154.30874	Kuskokwim R	5	Middle Fork	Pitka Fork	Sullivan Creek	
October	9/3/2009	Coho	1 - Right Bank	620	1 - Male	148.405	59	1417	61.82649333	-159.182015	Kuskokwim R	6	Owhat River			
October	9/3/2009	Coho	1 - Right Bank	624	1 - Male	148.345	59	1418	61.42311	-159.3127167	Kuskokwim R	1	Aniak River			Between Doestock and Buckstock River
October	9/3/2009	Coho	1 - Right Bank	594	2 - Female	148.405	58	1419	61.45953	-159.347725	Kuskokwim R	1	Aniak River			Between Doestock and Buckstock River
October	9/3/2009	Coho	1 - Right Bank	563	2 - Female	148.891	58	1420	61.60525333	-159.3882783	Kuskokwim R	6	Owhat River	Unnamed Creek		
October	9/3/2009	Coho	1 - Right Bank	583	1 - Male	148.301	59	1421	60.90179833	-157.7908067	Kuskokwim R	2	Holitna River	Mukslulik Creek		
October	9/4/2009	Coho	1 - Right Bank	608	1 - Male	148.345	60	1423	61.54192833	-157.629935	Kuskokwim R	6	Oskawalik			
October	9/4/2009	Coho	1 - Right Bank	599	1 - Male	148.345	61	1425	61.62747667	-158.8424933	Kuskokwim R	6	Kolmakof River			
October	9/4/2009	Coho	1 - Right Bank	553	1 - Male	148.502	60	1426	61.82376167	-159.1459283	Kuskokwim R	6	Owhat River	Cobalt Creek		
October	9/4/2009	Coho	1 - Right Bank	618	2 - Female	148.262	61	1427	61.08384167	-154.9027083	Kuskokwim R	3	Stony River	Can Creek		
October	9/4/2009	Coho	1 - Right Bank	598	1 - Male	148.891	60	1429	61.05882167	-158.11719	Kuskokwim R	2	Holitna River	Mukslulik Creek		
October	9/5/2009	Coho	1 - Right Bank	520	1 - Male	148.282	61	1430	61.92241167	-156.250545	Kuskokwim R	6	Mainstem			Between Tatlawiksuk and Selatna
October	9/5/2009	Coho	1 - Right Bank	480	1 - Male	148.891	61	1431	61.75122833	-158.1852683	Kuskokwim R	6	Mainstem			Between Oskawalik and Crooked Creek
October	9/5/2009	Coho	1 - Right Bank	540	2 - Female	148.363	61	1433	61.48302	-154.3990717	Kuskokwim R	4	Swift River			Above North Fork
November	9/6/2009	Coho	1 - Right Bank	574	1 - Male	148.502	62	1435	60.94884	-159.4378433	Kuskokwim R	1	Aniak River	Salmon River		Between Dominion and Pass Creek
October	9/6/2009	Coho	2 - Left Bank	613	1 - Male	148.262	59	1437	62.96764333	-154.1477317	Kuskokwim R	5	South Fork	Little Tonzona		Between South Fork and Unnamed Creek
October	9/6/2009	Coho	2 - Left Bank	557	1 - Male	148.405	62	1438	60.81221167	-155.9727567	Kuskokwim R	2	Holitna River	Hoholitna	South Fork	Below Killae Creek
October	9/6/2009	Coho	1 - Right Bank	608	1 - Male	148.464	62	1439	61.63876	-158.9527	Kuskokwim R	6	Kolmakof River	Unnamed Creek		
October	9/7/2009	Coho	2 - Left Bank	574	1 - Male	148.301	58	1440	62.23434667	-156.8891317	Kuskokwim R	6	George River	East Fork	Moose Creek	
October	9/7/2009	Coho	2 - Left Bank	540	1 - Male	148.464	56	1441	61.32155667	-159.1700533	Kuskokwim R	1	Aniak River	Buckstock River	Unnamed Tributary	

Survey	date	species	gearpos	length	sex	frequency	code	tagNum	Latitude	Longitude	Major Basin	Sub Area	Sub Basin	Stream 1	Stream 2	Discription
October	9/7/2009	Coho	1- Right Bank	503	2 - Female	148.212	62	1442	61.01747167	-156.4693283	Kuskokwim R.	2	Holitna River	Hoholitna		Between Door and Cabrini Creek
October	9/7/2009	Coho	1- Right Bank	518	1 - Male	148.525	62	1443	61.592755	-157.4260017	Kuskokwim R.	6	Vreeland Creek			
October	9/7/2009	Coho	1- Right Bank	582	1 - Male	148.891	62	1444	62.96366167	-154.1707017	Kuskokwim R.	5	South Fork			Above Little Tonzona
October	9/7/2009	Coho	1- Right Bank	591	1 - Male	148.363	62	1446	61.80823667	-159.13397	Kuskokwim R.	6	Owhat River	Cobalt Creek		
October	9/7/2009	Coho	1- Right Bank	518	1 - Male	148.405	61	1447	61.310345	-159.179765	Kuskokwim R.	1	Aniak River			Between Buckstock and Timber Creek
October	9/8/2009	Coho	1- Right Bank	520	2 - Female	148.212	60	1449	61.63269667	-159.3744583	Kuskokwim R.	6	Owhat River			
October	9/8/2009	Coho	1- Right Bank	607	1 - Male	148.301	60	1450	61.426165	-159.3269333	Kuskokwim R.	1	Aniak River			Between Doestock and Buckstock River
October	9/8/2009	Coho	2 - Left Bank	538	1 - Male	148.464	59	1451	62.67126	-153.78428	Kuskokwim R.	5	South Fork			Between Little Tonzona and Jones River
October	9/8/2009	Coho	1- Right Bank	578	2 - Female	148.231	62	1452	61.72737833	-158.1313117	Kuskokwim R.	6	Oskawalik			
October	9/9/2009	Coho	1- Right Bank	587	1 - Male	148.464	61	1455	62.939635	-154.7469383	Kuskokwim R.	5	Middle Fork	Pitka Fork		Near confluence with Middle Fork
November	9/9/2009	Coho	1- Right Bank	571	1 - Male	148.363	58	1456	61.09827	-159.1258017	Kuskokwim R.	1	Aniak River			Between Timber and Salmon River
October	9/9/2009	Coho	1- Right Bank	564	1 - Male	148.212	59	1457	61.49819167	-160.3255867	Kuskokwim R.	7	Mainstem			Old River below Discovery Creek
October	9/9/2009	Coho	2 - Left Bank	594	2 - Female	148.282	58	1458	62.96476167	-154.11587	Kuskokwim R.	5	South Fork	Little Tonzona		Unnamed Tributary
October	9/9/2009	Coho	1- Right Bank	613	1 - Male	148.485	61	1460	61.43712	-158.4657883	Kuskokwim R.	6	Holokuk			Below Chineekluk Creek
November	9/9/2009	Coho	1- Right Bank	581	2 - Female	148.485	58	1461	61.90789833	-158.3089583	Kuskokwim R.	6	Crooked Creek	Getmuna Creek		
October	9/9/2009	Coho	1- Right Bank	488	1 - Male	148.485	59	1462	61.55866	-159.5205033	Kuskokwim R.	6	Mainstem			Aniak Slough
October	9/10/2009	Coho	1- Right Bank	568	2 - Female	148.525	61	1463	62.39505333	-155.7727333	Kuskokwim R.	6	Selatna River	First Fork		
October	9/10/2009	Coho	1- Right Bank	588	2 - Female	148.282	60	1464	60.94206333	-154.2111833	Kuskokwim R.	3	Stony River	Telaquana River		
October	9/10/2009	Coho	1- Right Bank	536	2 - Female	148.405	60	1465	61.35162667	-159.2643367	Kuskokwim R.	1	Aniak River			Between Doestock and Buckstock River
November	9/10/2009	Coho	1- Right Bank	594	1 - Male	148.231	60	1466	60.99803167	-159.2045667	Kuskokwim R.	1	Aniak River	Kipchuk River		
October	9/10/2009	Coho	1- Right Bank	549	2 - Female	148.262	60	1467	62.69228	-154.97082	Kuskokwim R.	5	Middle Fork	Big River		
October	9/10/2009	Coho	1- Right Bank	589	1 - Male	148.301	61	1468	61.48329667	-154.4010217	Kuskokwim R.	4	Swift River			Above North Fork
November	9/10/2009	Coho	1- Right Bank	617	2 - Female	148.485	60	1469	60.62847167	-158.247305	Kuskokwim R.	2	Holitna River	Kogrukluk River		Above Shotgun Creek
October	9/10/2009	Coho	2 - Left Bank	588	1 - Male	148.363	59	1470	61.588315	-159.542815	Kuskokwim R.	6	Mainstem			Near Aniak Village
October	9/11/2009	Coho	1- Right Bank	553	1 - Male	148.231	58	1471	62.95966333	-154.1514867	Kuskokwim R.	5	South Fork	Little Tonzona		Between South Fork and Unnamed Creek
October	9/11/2009	Coho	1- Right Bank	613	2 - Female	148.345	58	1472	62.96919333	-154.1671567	Kuskokwim R.	5	South Fork	Little Tonzona		Between South Fork and Unnamed Creek
October	9/11/2009	Coho	1- Right Bank	520	2 - Female	148.262	58	1473	62.195775	-157.3739433	Kuskokwim R.	6	George River			Above North Fork below Michigan Creek
October	9/11/2009	Coho	1- Right Bank	598	1 - Male	148.231	56	1474	61.59292167	-159.5698283	Kuskokwim R.	6	Mainstem			Downstream of Aniak Village
October	9/11/2009	Coho	1- Right Bank	584	1 - Male	148.212	58	1475	60.96356667	-155.9449083	Kuskokwim R.	2	Holitna River	Hoholitna		Between Hook and Gnat Creek
October	9/11/2009	Coho	1- Right Bank	586	1 - Male	148.282	56	1476	61.13448167	-156.62508	Kuskokwim R.	2	Holitna River	Hoholitna		Between Door and Cabrini Creek
October	9/11/2009	Coho	1- Right Bank	591	1 - Male	148.405	56	1477	62.16160333	-157.4662683	Kuskokwim R.	6	George River			Above North Fork bwlow Michigan Creek
October	9/12/2009	Coho	1- Right Bank	609	2 - Female	148.525	60	1478	62.82363	-154.5371517	Kuskokwim R.	5	Middle Fork	Pitka Fork		Between Bear Creek and Sullivan Creek
November	9/12/2009	Coho	1- Right Bank	577	1 - Male	148.464	60	1479	60.77090833	-158.69729	Kuskokwim R.	2	Holitna River	Chukowan River	Gemuk River	
October	9/12/2009	Coho	1- Right Bank	550	2 - Female	148.363	60	1480	60.802	-157.88884	Kuskokwim R.	2	Holitna River	Kogrukluk		Above Shotgun Creek
October	9/12/2009	Coho	2 - Left Bank	558	2 - Female	148.502	59	1481	61.67752833	-155.0201333	Kuskokwim R.	4	Swift River	Gagaryah		
October	9/12/2009	Coho	1- Right Bank	523	2 - Female	148.891	56	1483	61.591545	-159.5781917	Kuskokwim R.	6	Mainstem			Downstream of Aniak Village
October	9/13/2009	Coho	1- Right Bank	587	2 - Female	148.262	56	1484	61.31703	-159.0539783	Kuskokwim R.	1	Aniak River	Buckstock River		
November	9/13/2009	Coho	1- Right Bank	546	1 - Male	148.301	62	1485	61.27371667	-157.7510467	Kuskokwim R.	2	Holitna River	Chuilnuk River	Unnamed Tributary	
October	9/13/2009	Coho	1- Right Bank	584	2 - Female	148.345	62	1486	61.3297	-155.3589317	Kuskokwim R.	3	Stony River			Above Stink River
October	9/13/2009	Coho	1- Right Bank	548	2 - Female	148.212	24	1487	61.74378333	-158.79844	Kuskokwim R.	6	Kolmakof River			
October	9/13/2009	Coho	1- Right Bank	500	2 - Female	148.891	26	1488	61.18499167	-157.8829633	Kuskokwim R.	2	Holitna River	Unnamed Creek		Between Portage and Bakbuk Creek
October	9/14/2009	Coho	1- Right Bank	568	1 - Male	148.485	62	1489	60.82444333	-156.1623133	Kuskokwim R.	2	Holitna River	Hoholitna	South Fork	Unnamed Tributary Below Killae Creek
November	9/14/2009	Coho	1- Right Bank	587	1 - Male	148.891	59	1490	60.87452333	-158.9480783	Kuskokwim R.	1	Aniak River	Atsaksovluk Creek	Waterboot Creek	
October	9/14/2009	Coho	1- Right Bank	644	1 - Male	148.525	59	1491	62.95445667	-155.28823	Kuskokwim R.	5	Mainstem			Between Takotna and Middle Fork
November	9/15/2009	Coho	1- Right Bank	548	2 - Female	148.405	26	1493	61.27812167	-159.5240767	Kuskokwim R.	7	Discovery Creek			
October	9/15/2009	Coho	1- Right Bank	536	1 - Male	148.363	55	1494	60.94354333	-156.41963	Kuskokwim R.	2	Holitna River	Hoholitna	Cabrini Creek	
October	9/15/2009	Coho	1- Right Bank	568	2 - Female	148.345	57	1495	61.17352	-157.8597733	Kuskokwim R	2	Holitna River	Unnamed Creek		Between Portage and Bakbuk Creek
October	9/15/2009	Coho	1- Right Bank	567	2 - Female	148.301	56	1496	60.69294167	-157.8778717	Kuskokwim R	2	Holitna River	Kogrukluk	Shotgun Creek	



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Add cohesion 1mm present
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HORN MOUNTAINS