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

Nomination Form
Anadromous Waters Catalog

Region: Southcentral

USGS Quad(s): Talkeetna Mountains D-5

AWC Number of Water Body: 247-41-10200-2596

Name of Water body: Cheechako Creek ☐ USGS Name ☐ Local Name

☑ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

Nomination # _____

Revision Year: _____

Revision to: Atlas _____ Catalog _____ Both _____

Revision Code: _____

Fisheries Scientist	Date
Habitat Operations Manager	Date
AWC Project Biologist	Date
GIS Analyst	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Chinook Salmon	7/20/2012-10/1/2012	Y	Y	Y	☑
Chinook Salmon	6/30/2013-9/16/2013			Y	☑
					☐
					☐
					☐

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 A total of 145 Chinook salmon were observed in Cheechako Creek. During AEA's sampling efforts, 43 of those adult Chinook salmon were observed upstream of the previous AWC nomination on 7/28/2012 (1), 7/30/2012 (3), 8/7/2012 (1), 7/25/2013 (18), 7/28/2013 (1), 8/1/2013 (14), 8/8/2013 (4), and 8/10/2013 (1) using various methods including aerial surveys and radio telemetry surveys. This AWC nomination extends up Cheechako creek, but not all the way to the first natural barrier. For additional information, see attached tables, map, and GIS shapefiles.

Name of Observer (please print): Nathan Anderson

Signature: _____ Date: 9/5/2014

Agency: Alaska Energy Authority

Address: 813 West Northern Lights Blvd.

Anchorage, AK, 99503

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: _____ Date: _____

Name of Area Biologist (please print):

Revision 11/13

Tabel 1-1. (AWC Number 247-41-10200-2596) 2012 Aerial Spawning Surveys of Adults

Study Name	Survey Date	Species	Fish Count	Latitude	Longitude
ESC Aer Survey	8/10/2012	Chinook salmon	2	62.813223	-149.294598
ESC Aer Survey	7/30/2012	Chinook salmon	1	62.81298	-149.29154
ESC Aer Survey	7/30/2012	Chinook salmon	1	62.811694	-149.290054
ESC Aer Survey	7/30/2012	Chinook salmon	1	62.810055	-149.289358
ESC Aer Survey	7/30/2012	Chinook salmon	1	62.809539	-149.289481
ESC Aer Survey	7/30/2012	Chinook salmon	1	62.807398	-149.289414

Table 1-2. (AWC Number 247-41-10200-2596) 2013 Aerial Surveys of Adults

Event ID	Survey Date	Species	Fish Count	Latitude	Longitude
FDAML4_130808140805	8/8/2013	Chinook salmon	2	62.816892	-149.29297
FDAML4_130725161435	7/25/2013	Chinook salmon	1	62.81656	-149.293256
FDAML4_130721160614	7/21/2013	Chinook salmon	1	62.815539	-149.297762
FDAML4_130808140805	8/8/2013	Chinook salmon	1	62.815492	-149.293824
FDAML4_130808140805	8/8/2013	Chinook salmon	3	62.814846	-149.293925
FDAML4_130725161435	7/25/2013	Chinook salmon	2	62.814562	-149.294325
FDAML4_130808140805	8/8/2013	Chinook salmon	1	62.814342	-149.294629
FDAML4_130815100841	8/15/2013	Chinook salmon	1	62.814252	-149.294819
FDAML4_130721160614	7/21/2013	Chinook salmon	1	62.81413	-149.294187
FDAML4_130725161435	7/25/2013	Chinook salmon	2	62.813804	-149.294868
FDAML4_130725161435	7/25/2013	Chinook salmon	1	62.81354	-149.294633
FDAML4_130801141029	8/1/2013	Chinook salmon	2	62.813378	-149.294771
FDAML4_130801141029	8/1/2013	Chinook salmon	1	62.813338	-149.294723
FDAML4_130808140805	8/8/2013	Chinook salmon	1	62.813267	-149.294298
FDAML4_130721160614	7/21/2013	Chinook salmon	3	62.813247	-149.293729
FDAML4_130725161435	7/25/2013	Chinook salmon	6	62.813105	-149.293778
FDAML4_130808140805	8/8/2013	Chinook salmon	1	62.813069	-149.293313
FDAML4_130725161435	7/25/2013	Chinook salmon	2	62.813027	-149.291917
FDAML4_130801141029	8/1/2013	Chinook salmon	5	62.81285	-149.291721
FDAML4_130725161435	7/25/2013	Chinook salmon	1	62.812299	-149.292201
FDAML4_130808140805	8/8/2013	Chinook salmon	1	62.812066	-149.291957
FDAML4_130808140805	8/8/2013	Chinook salmon	1	62.811895	-149.291089
FDAML4_130801141029	8/1/2013	Chinook salmon	2	62.811891	-149.291136
FDAML4_130725161435	7/25/2013	Chinook salmon	2	62.811878	-149.29095
FDAML4_130808140805	8/8/2013	Chinook salmon	1	62.811693	-149.290285
FDAML4_130725161435	7/25/2013	Chinook salmon	6	62.811619	-149.290266
FDAML4_130801141029	8/1/2013	Chinook salmon	2	62.8113	-149.290091
FDAML4_130801141029	8/1/2013	Chinook salmon	12	62.811286	-149.290309
FDAML4_130725161435	7/25/2013	Chinook salmon	3	62.8111	-149.29007
FDAML4_130725161435	7/25/2013	Chinook salmon	2	62.810931	-149.290018
FDAML4_130725161435	7/25/2013	Chinook salmon	5	62.810692	-149.290014
FDAML4_130808140805	8/8/2013	Chinook salmon	3	62.810357	-149.289887
FDAML4_130725161435	7/25/2013	Chinook salmon	3	62.810076	-149.289585
FDAML4_130725161435	7/25/2013	Chinook salmon	4	62.810016	-149.289577
FDAML4_130808140805	8/8/2013	Chinook salmon	1	62.80998	-149.289469
FDAML4_130725161435	7/25/2013	Chinook salmon	1	62.801681	-149.295812

Table 1-3. (AWC Number 247-41-10200-2596) 2012 Telemetry Survey of Radio Tagged Adults

First Date	Species	Tag	Label	Latitude	Longitude
7/20/2012	Chinook Salmon	119	783-73	62.816338	-149.297287
10/1/2012	Chinook Salmon	119	783-73	62.816027	-149.293642
8/14/2012	Chinook Salmon	264	763-61	62.81601	-149.29349
8/9/2012	Chinook Salmon	264	763-61	62.81596	-149.293485
8/17/2012	Chinook Salmon	264	763-61	62.815958	-149.29353

8/11/2012	Chinook Salmon	161	914-64	62.81594	-149.294058
8/5/2012	Chinook Salmon	264	763-61	62.815938	-149.293603
8/7/2012	Chinook Salmon	159	783-69	62.815725	-149.293577
8/17/2012	Chinook Salmon	119	783-73	62.815652	-149.293835
8/17/2012	Chinook Salmon	159	783-69	62.815623	-149.293578
7/23/2012	Chinook Salmon	119	783-73	62.815505	-149.295973
10/1/2012	Chinook Salmon	94	713-65	62.815437	-149.293887
8/6/2012	Chinook Salmon	16	783-14	62.815408	-149.29983
8/6/2012	Chinook Salmon	159	783-69	62.815408	-149.29983
7/31/2012	Chinook Salmon	161	914-64	62.815338	-149.293685
8/14/2012	Chinook Salmon	16	783-14	62.815333	-149.293587
8/6/2012	Chinook Salmon	119	783-73	62.815282	-149.298957
8/17/2012	Chinook Salmon	94	713-65	62.814685	-149.293943
8/14/2012	Chinook Salmon	94	713-65	62.814575	-149.294068
8/21/2012	Chinook Salmon	94	713-65	62.81457	-149.294325
8/9/2012	Chinook Salmon	313	763-98	62.81445	-149.293762
8/21/2012	Chinook Salmon	159	783-69	62.814425	-149.294468
8/9/2012	Chinook Salmon	159	783-69	62.814348	-149.29374
8/21/2012	Chinook Salmon	119	783-73	62.814345	-149.292818
8/11/2012	Chinook Salmon	159	783-69	62.814232	-149.294132
8/17/2012	Chinook Salmon	313	763-98	62.814208	-149.293978
8/11/2012	Chinook Salmon	313	763-98	62.814105	-149.294773
7/31/2012	Chinook Salmon	16	783-14	62.814072	-149.294447
8/14/2012	Chinook Salmon	119	783-73	62.813967	-149.294325
8/5/2012	Chinook Salmon	159	783-69	62.813922	-149.294323
7/31/2012	Chinook Salmon	313	763-98	62.813802	-149.294215
7/28/2012	Chinook Salmon	16	783-14	62.8137	-149.293013
7/28/2012	Chinook Salmon	119	783-73	62.8137	-149.293013
8/14/2012	Chinook Salmon	313	763-98	62.813563	-149.29418
8/5/2012	Chinook Salmon	313	763-98	62.813533	-149.29356
10/1/2012	Chinook Salmon	161	914-64	62.813063	-149.292715
8/5/2012	Chinook Salmon	161	914-64	62.812678	-149.292678
7/28/2012	Chinook Salmon	313	763-98	62.812495	-149.291283
8/5/2012	Chinook Salmon	119	783-73	62.812433	-149.291787
8/11/2012	Chinook Salmon	119	783-73	62.812397	-149.291807
8/9/2012	Chinook Salmon	119	783-73	62.812352	-149.291778
7/31/2012	Chinook Salmon	119	783-73	62.812337	-149.291515
10/1/2012	Chinook Salmon	313	763-98	62.812228	-149.29145
10/1/2012	Chinook Salmon	264	763-61	62.811902	-149.290888
7/26/2012	Chinook Salmon	119	783-73	62.811805	-149.290542
7/31/2012	Chinook Salmon	459	763-77	62.81153	-149.291542
7/28/2012	Chinook Salmon	161	914-64	62.81052	-149.28808
8/7/2012	Chinook Salmon	119	783-73	62.810268	-149.289818

Table 1-4. (AWC Number 247-41-10200-2596) 2013 Telemetry Survey of Radio Tagged Adults

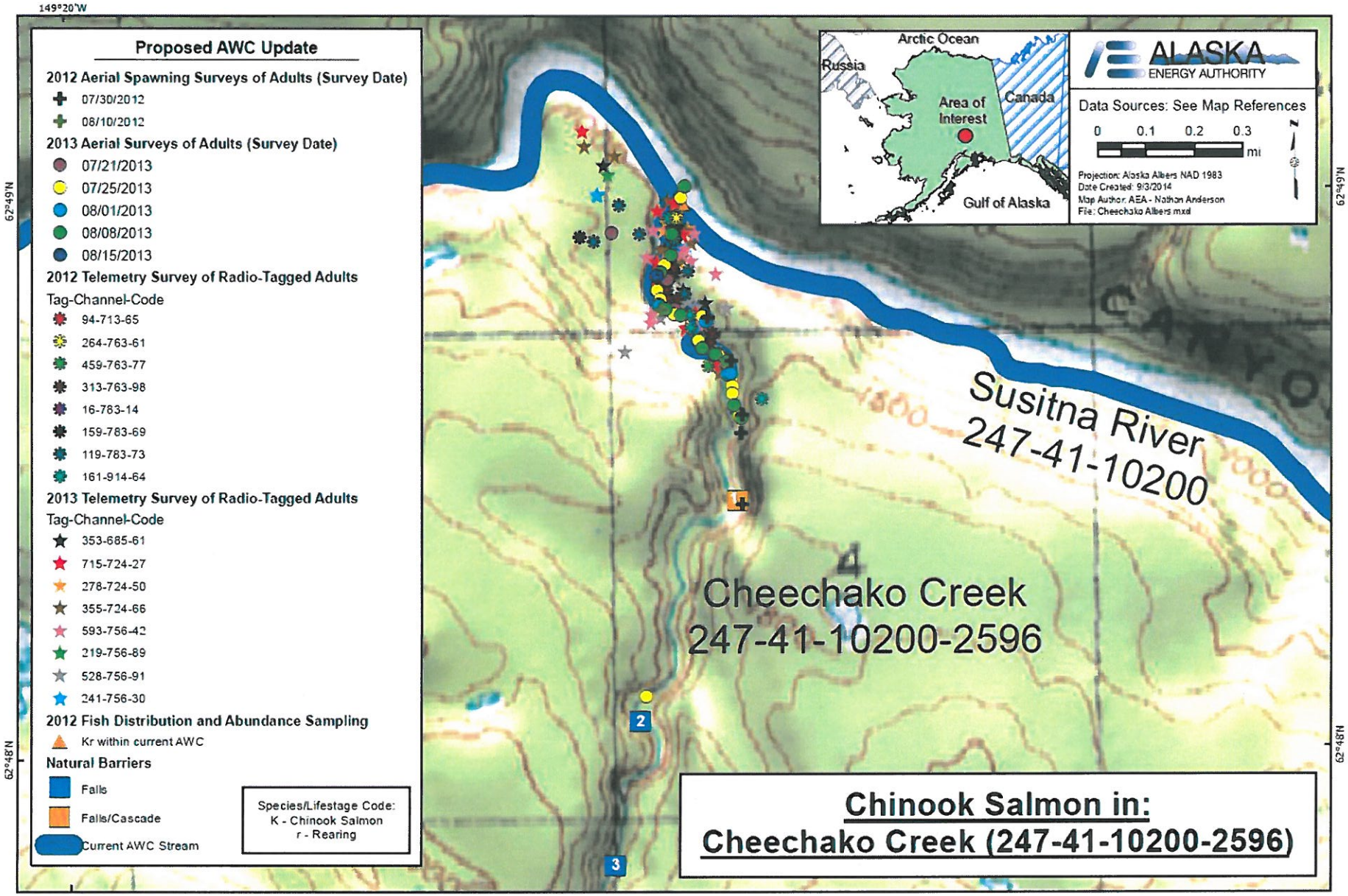
Survey Date	Species	Tag	Label	Latitude	Longitude
8/24/2013	Chinook Salmon	715	724-27	62.81856	-149.299648
8/12/2013	Chinook Salmon	355	724-66	62.818128	-149.299482
8/11/2013	Chinook Salmon	355	724-66	62.817815	-149.297542
7/15/2013	Chinook Salmon	353	685-61	62.81753	-149.29827
6/30/2013	Chinook Salmon	219	756-89	62.81726	-149.29803
8/4/2013	Chinook Salmon	241	756-30	62.816667	-149.298725
7/25/2013	Chinook Salmon	353	685-61	62.816473	-149.293615
8/1/2013	Chinook Salmon	355	724-66	62.816458	-149.294047
8/31/2013	Chinook Salmon	715	724-27	62.816368	-149.293705

7/15/2013	Chinook Salmon	278	724-50	62.81618	-149.2934
8/12/2013	Chinook Salmon	715	724-27	62.816165	-149.294768
8/31/2013	Chinook Salmon	355	724-66	62.816103	-149.29352
7/16/2013	Chinook Salmon	278	724-50	62.815817	-149.294217
7/20/2013	Chinook Salmon	353	685-61	62.815693	-149.293333
7/16/2013	Chinook Salmon	278	724-50	62.815658	-149.292812
8/27/2013	Chinook Salmon	528	756-91	62.815633	-149.29381
8/27/2013	Chinook Salmon	593	756-42	62.815633	-149.29381
8/10/2013	Chinook Salmon	593	756-42	62.815607	-149.294045
8/16/2013	Chinook Salmon	355	724-66	62.815598	-149.292943
8/7/2013	Chinook Salmon	593	756-42	62.815587	-149.295087
7/17/2013	Chinook Salmon	278	724-50	62.815582	-149.294417
8/19/2013	Chinook Salmon	593	756-42	62.815487	-149.292375
8/30/2013	Chinook Salmon	355	724-66	62.81546	-149.293135
8/30/2013	Chinook Salmon	715	724-27	62.81546	-149.293135
8/3/2013	Chinook Salmon	355	724-66	62.815453	-149.293538
8/19/2013	Chinook Salmon	355	724-66	62.815202	-149.29259
8/11/2013	Chinook Salmon	241	756-30	62.815113	-149.292928
7/28/2013	Chinook Salmon	353	685-61	62.815037	-149.294305
8/9/2013	Chinook Salmon	593	756-42	62.815028	-149.293025
8/13/2013	Chinook Salmon	355	724-66	62.815013	-149.294533
8/3/2013	Chinook Salmon	593	756-42	62.814875	-149.293228
8/26/2013	Chinook Salmon	528	756-91	62.814772	-149.295468
8/26/2013	Chinook Salmon	593	756-42	62.814772	-149.295468
9/16/2013	Chinook Salmon	355	724-66	62.814763	-149.293223
7/14/2013	Chinook Salmon	278	724-50	62.814667	-149.293452
9/2/2013	Chinook Salmon	593	756-42	62.814667	-149.292613
8/16/2013	Chinook Salmon	593	756-42	62.814663	-149.294445
9/16/2013	Chinook Salmon	715	724-27	62.81465	-149.29483
8/2/2013	Chinook Salmon	593	756-42	62.814627	-149.294458
9/10/2013	Chinook Salmon	355	724-66	62.814553	-149.293588
8/4/2013	Chinook Salmon	593	756-42	62.814282	-149.291003
8/6/2013	Chinook Salmon	355	724-66	62.814167	-149.293592
8/6/2013	Chinook Salmon	241	756-30	62.814165	-149.29354
8/4/2013	Chinook Salmon	715	724-27	62.814165	-149.294927
8/16/2013	Chinook Salmon	528	756-91	62.814015	-149.294005
7/27/2013	Chinook Salmon	353	685-61	62.813805	-149.293137
8/6/2013	Chinook Salmon	715	724-27	62.813767	-149.294505
8/1/2013	Chinook Salmon	528	756-91	62.813647	-149.294365
8/24/2013	Chinook Salmon	355	724-66	62.813598	-149.29413
8/2/2013	Chinook Salmon	528	756-91	62.81356	-149.294147
8/9/2013	Chinook Salmon	528	756-91	62.813542	-149.293588
8/30/2013	Chinook Salmon	528	756-91	62.813527	-149.29372
8/10/2013	Chinook Salmon	528	756-91	62.81349	-149.292842
8/3/2013	Chinook Salmon	528	756-91	62.813468	-149.29337
7/27/2013	Chinook Salmon	353	685-61	62.813435	-149.29174
8/4/2013	Chinook Salmon	355	724-66	62.813423	-149.29418
7/19/2013	Chinook Salmon	353	685-61	62.813313	-149.293238
8/19/2013	Chinook Salmon	528	756-91	62.813305	-149.292362
8/12/2013	Chinook Salmon	528	756-91	62.813283	-149.29378
8/4/2013	Chinook Salmon	528	756-91	62.81325	-149.290323
8/26/2013	Chinook Salmon	355	724-66	62.81318	-149.293697
8/5/2013	Chinook Salmon	715	724-27	62.813163	-149.292332
8/24/2013	Chinook Salmon	593	756-42	62.813078	-149.295213
8/24/2013	Chinook Salmon	528	756-91	62.813008	-149.294618

9/16/2013	Chinook Salmon	593	756-42	62.812982	-149.292093
7/22/2013	Chinook Salmon	353	685-61	62.812902	-149.292093
8/1/2013	Chinook Salmon	593	756-42	62.812852	-149.295262
7/14/2013	Chinook Salmon	278	724-50	62.8128	-149.291788
8/10/2013	Chinook Salmon	241	756-30	62.81279	-149.29197
9/7/2013	Chinook Salmon	593	756-42	62.812743	-149.291865
8/17/2013	Chinook Salmon	593	756-42	62.812693	-149.291703
8/26/2013	Chinook Salmon	715	724-27	62.812668	-149.292973
8/13/2013	Chinook Salmon	528	756-91	62.812572	-149.291258
8/7/2013	Chinook Salmon	528	756-91	62.812248	-149.291327
7/13/2013	Chinook Salmon	278	724-50	62.81206	-149.29118
8/20/2013	Chinook Salmon	528	756-91	62.81199	-149.297
8/9/2013	Chinook Salmon	241	756-30	62.811815	-149.290635
8/10/2013	Chinook Salmon	715	724-27	62.811578	-149.291132
8/6/2013	Chinook Salmon	528	756-91	62.811575	-149.290275
7/28/2013	Chinook Salmon	353	685-61	62.81138	-149.290612
8/10/2013	Chinook Salmon	355	724-66	62.811325	-149.290807

Table 1-5. (AWC Number 247-41-10200-2596) 2012 Fish Distribution and Abundance Sampling

Study Name	Survey Date	Observation Date	Species	Fish Lifestage	Observation Method	Fish Length	Fish Count	LatWGS84DD	LonWGS84DD	LatWGS84_1	LonWGS84_1
FishDistrib	8/16/2012	8/16/2012	Chinook Salmon	Juvenile	Backpack Electrofisher	58	1	62.816363	-149.293148	62.814665	-149.293965
FishDistrib	8/16/2012	8/16/2012	Chinook Salmon	Juvenile	Backpack Electrofisher	61	1	62.816363	-149.293148	62.814665	-149.293965
FishDistrib	8/16/2012	8/16/2012	Chinook Salmon	Juvenile	Backpack Electrofisher	67	1	62.816363	-149.293148	62.814665	-149.293965
FishDistrib	8/16/2012	8/16/2012	Chinook Salmon	Juvenile	Backpack Electrofisher	70	1	62.816363	-149.293148	62.814665	-149.293965
FishDistrib	8/16/2012	8/16/2012	Chinook Salmon	Juvenile	Backpack Electrofisher	72	1	62.816363	-149.293148	62.814665	-149.293965
FishDistrib	8/16/2012	8/16/2012	Chinook Salmon	Juvenile	Backpack Electrofisher	62	1	62.816363	-149.293148	62.814665	-149.293965
FishDistrib	8/16/2012	8/16/2012	Chinook Salmon	Juvenile	Backpack Electrofisher	67	1	62.816363	-149.293148	62.814665	-149.293965
FishDistrib	8/16/2012	8/16/2012	Chinook Salmon	Juvenile	Backpack Electrofisher	67	1	62.816363	-149.293148	62.814665	-149.293965
FishDistrib	8/16/2012	8/16/2012	Chinook Salmon	Juvenile	Backpack Electrofisher	72	1	62.816363	-149.293148	62.814665	-149.293965
FishDistrib	8/16/2012	8/16/2012	Chinook Salmon	Juvenile	Backpack Electrofisher	63	1	62.816363	-149.293148	62.814665	-149.293965
FishDistrib	8/16/2012	8/16/2012	Chinook Salmon	Juvenile	Backpack Electrofisher	58	1	62.816363	-149.293148	62.814665	-149.293965
FishDistrib	8/16/2012	8/16/2012	Chinook Salmon	Juvenile	Backpack Electrofisher	60	1	62.816363	-149.293148	62.814665	-149.293965
FishDistrib	8/16/2012	8/16/2012	Chinook Salmon	Juvenile	Backpack Electrofisher	70	1	62.816363	-149.293148	62.814665	-149.293965
FishDistrib	8/16/2012	8/16/2012	Chinook Salmon	Juvenile	Backpack Electrofisher	63	1	62.816363	-149.293148	62.814665	-149.293965
FishDistrib	8/16/2012	8/16/2012	Chinook Salmon	Juvenile	Backpack Electrofisher	63	1	62.816363	-149.293148	62.814665	-149.293965
FishDistrib	8/16/2012	8/16/2012	Chinook Salmon	Juvenile	Backpack Electrofisher	65	1	62.816363	-149.293148	62.814665	-149.293965
FishDistrib	8/16/2012	8/16/2012	Chinook Salmon	Juvenile	Backpack Electrofisher	71	1	62.816363	-149.293148	62.814665	-149.293965
FishDistrib	8/16/2012	8/16/2012	Chinook Salmon	Juvenile	Backpack Electrofisher	62	1	62.816363	-149.293148	62.814665	-149.293965
FishDistrib	8/16/2012	8/16/2012	Chinook Salmon	Juvenile	Backpack Electrofisher	61	1	62.816363	-149.293148	62.814665	-149.293965
FishDistrib	8/16/2012	8/16/2012	Chinook Salmon	Juvenile	Backpack Electrofisher	59	1	62.816363	-149.293148	62.814665	-149.293965
FishDistrib	8/16/2012	8/16/2012	Chinook Salmon	Juvenile	Backpack Electrofisher	59	1	62.816363	-149.293148	62.814665	-149.293965
FishDistrib	8/16/2012	8/16/2012	Chinook Salmon	Juvenile	Backpack Electrofisher	63	1	62.816363	-149.293148	62.814665	-149.293965
FishDistrib	8/16/2012	8/16/2012	Chinook Salmon	Juvenile	Backpack Electrofisher	58	1	62.816363	-149.293148	62.814665	-149.293965
FishDistrib	8/16/2012	8/16/2012	Chinook Salmon	Juvenile	Backpack Electrofisher	61	1	62.816363	-149.293148	62.814665	-149.293965
FishDistrib	8/16/2012	8/16/2012	Chinook Salmon	Juvenile	Backpack Electrofisher	60	1	62.816363	-149.293148	62.814665	-149.293965
FishDistrib	8/16/2012	8/16/2012	Chinook Salmon	Juvenile	Backpack Electrofisher	66	1	62.816363	-149.293148	62.814665	-149.293965
FishDistrib	8/16/2012	8/16/2012	Chinook Salmon	Juvenile	Backpack Electrofisher	62	1	62.816363	-149.293148	62.814665	-149.293965
FishDistrib	8/16/2012	8/16/2012	Chinook Salmon	Juvenile	Backpack Electrofisher	57	1	62.816363	-149.293148	62.814665	-149.293965
FishDistrib	8/16/2012	8/16/2012	Chinook Salmon	Juvenile	Backpack Electrofisher	65	1	62.816363	-149.293148	62.814665	-149.293965
FishDistrib	8/16/2012	8/16/2012	Chinook Salmon	Juvenile	Backpack Electrofisher	56	1	62.816363	-149.293148	62.814665	-149.293965
FishDistrib	8/16/2012	8/16/2012	Chinook Salmon	Juvenile	Backpack Electrofisher	54	1	62.816363	-149.293148	62.814665	-149.293965
FishDistrib	8/16/2012	8/16/2012	Chinook Salmon	Juvenile	Backpack Electrofisher	58	1	62.816363	-149.293148	62.814665	-149.293965
FishDistrib	8/16/2012	8/16/2012	Chinook Salmon	Juvenile	Backpack Electrofisher	65	1	62.816363	-149.293148	62.814665	-149.293965
FishDistrib	8/16/2012	8/16/2012	Chinook Salmon	Juvenile	Backpack Electrofisher	60	1	62.816363	-149.293148	62.814665	-149.293965
FishDistrib	8/16/2012	8/16/2012	Chinook Salmon	Juvenile	Backpack Electrofisher	56	1	62.816363	-149.293148	62.814665	-149.293965



SUSITNA-WATANA
HYDROELECTRIC PROJECT

1. Potential seasonal barrier, not a barrier for certain. May be driven by velocity. Whitewater, continuous falls/cascade, turbulent, exit/launch areas limited.

2. Definite barrier. Falls greater than 10 feet, potential plunge pool barrier (Both single/multiple falls).

3. Definite barrier. Falls much greater than 10 feet (fixed perm; single falls). Just downstream of Y. Plunge pool (landing zone) probably adequate height to likely preclude passage.