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

Nomination Form
Anadromous Waters Catalog

Region: Southcentral

USGS Quad(s): Talkeetna Mountains B-1, B-2, C-1

AWC Number of Water Body: 247-41-10200-2880-~~XXXX~~ 3102

Name of Water body: Black River

☑ USGS Name ☐ Local Name

☑ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

Nomination #	14-696	James J Hasbrouck Fisheries Scientist	10/3/2014 Date
Revision Year:	2015	Habitat Operations Manager	10/3/14 Date
Revision to: Atlas ____ Catalog ____ Both X		AWC Project Biologist	9/10/14 Date
Revision Code:	A-2	GIS Analyst	10/15/14 Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Chinook Salmon	6/29/2013-9/16/2013		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 79 Chinook salmon juveniles were observed in the Black River. The nearest AWC nomination is downstream in the Oshetna River. 3 Chinook salmon juveniles were observed on 8/2/2013 by ADFG using a baited minnow trap. During AEA's sampling efforts, juvenile Chinook salmon were observed on 6/29/2013 (6), 7/18/2013 (16), 7/19/2013 (24), 7/20/2013 (2), 7/21/2013 (1), 8/8/2013 (2), 8/15/2013 (6), 8/16/2013 (9), 9/14/2013 (1), 9/15/2013 (7), and 9/16/2013 (2) using various methods including electrofishing, baited minnow traps, fyke nets, and visual observations. For additional information, see attached tables, map, and GIS shapefiles.

Add new stream w/ Chinook Salmon REARING

Ref nom # 14-695

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: Reviewed by S. Ivey via email Date: 9/10/14

Name of Area Biologist (please print):

Revision 11/13

State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Anadromous Waters Catalog

Region: Southcentral

USGS Quad(s): TALKEETNA MOUNTAINS C-1

Anadromous Waters Catalog Number of Waterway: 247-41-10200-2880-XXXX

Name of Waterway: Black River

☑ USGS Name ☐ Local Name

☑ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

Nomination #: 14-696

Revision Year: _____

Revision to: Atlas _____ _____

Both _____

Revision Code: _____

Fisheries Scientist	Date
Habitat Operations Manager	Date
AWC Project Biologist	Date
Cartographer	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
chinook salmon	06/29/2013		✔		✔
chinook salmon	09/16/2013		✔		✔

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 79 Chinook salmon juveniles were observed in the Black River. The nearest AWC nomination is downstream in the Oshetna River. 3 Chinook salmon juveniles were observed on 8/2/2013 by ADFG using a baited minnow trap. During AEA's sampling efforts, juvenile Chinook salmon were observed on 6/29/2013 (6), 7/18/2013 (16), 7/19/2013 (24), 7/20/2013 (2), 7/21/2013 (1), 8/8/2013 (2), 8/15/2013 (6), 8/16/2013 (9), 9/14/2013 (1), 9/15/2013 (7), and 9/16/2013 (2) using various methods including electrofishing, baited minnow traps, fyke nets, and visual observations. For additional information, see attached tables, map, and GIS shapefiles.
Coordinates (Lat,Long): Upper(62.476854,-147.526871) Lower(62.50354,-147.483)

Name of Observer (please print): Nathan Anderson

Signature: 206.174.41.10 (Web Nomination)

Date: 09/08/2014

Agency:

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):

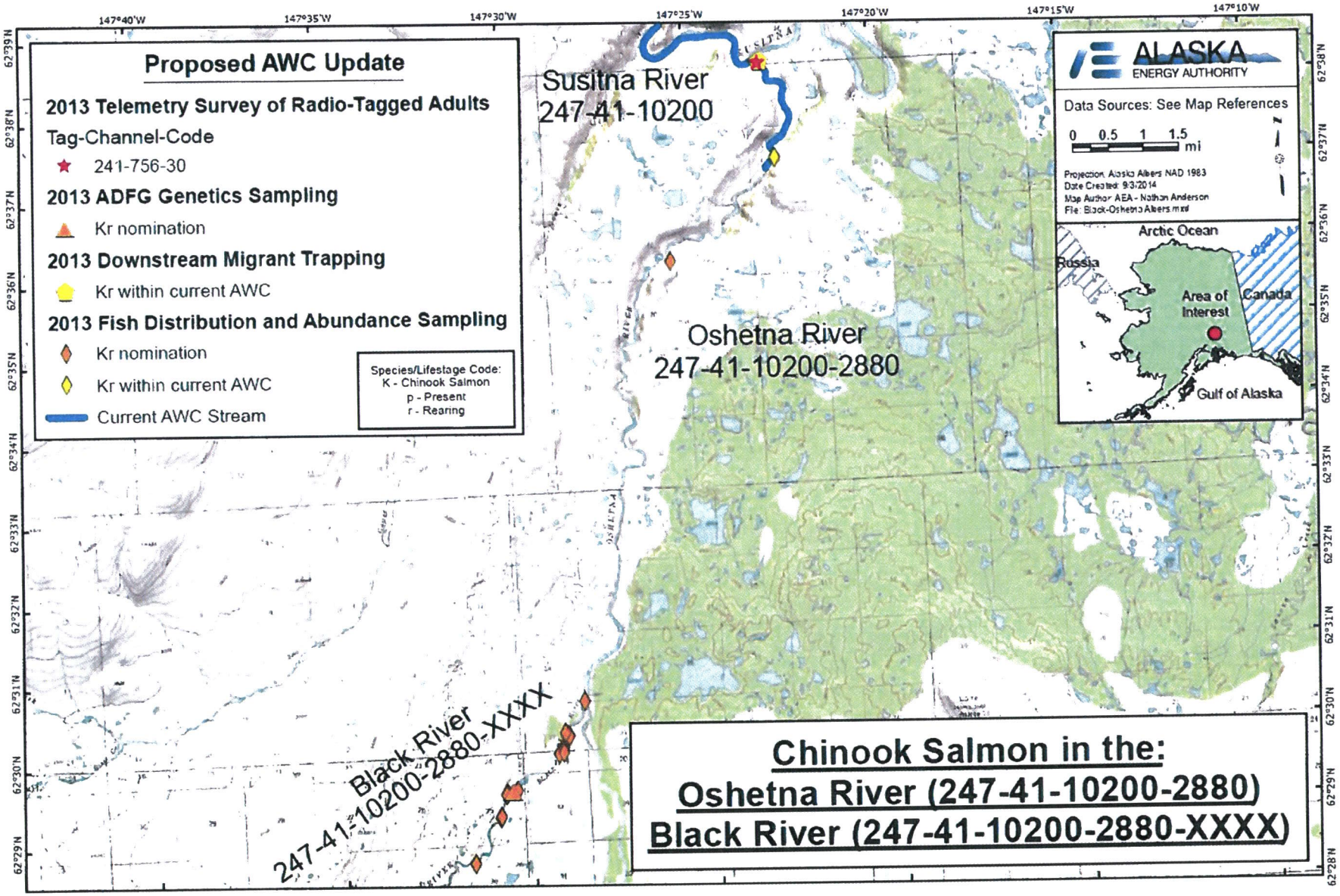
Revision 02/08

Table 1-1. (AWC Number 247-41-10200-2880-XXXX) Alaska Department of Fish and Game Genetics Sampling

Survey Date	Species	Fish Lifestage	Observation Method	Fish Length (mm)	Fish Count	Latitude	Longitude
8/2/2013	Chinook salmon	Juvenile	Minnow Trap, Baited	58	1	62.49133	-147.50871
8/2/2013	Chinook salmon	Juvenile	Minnow Trap, Baited	58	1	62.49133	-147.50871
8/2/2013	Chinook salmon	Juvenile	Minnow Trap, Baited	59	1	62.49133	-147.50871

Table 1-2. (AWC Number 247-41-10200-2880-XXXX) Fish Distribution and Abundance Sampling

Study Name	Survey Date	Observation Date	Species	Fish Lifestage	Observation Method	Fish Length (mm)	Fish Count	Genetic Sample Type	Downstream Latitude	Downstream Longitude	Upstream Latitude	Upstream Longitude
FDA, UR Opportunistic	8/8/2013	8/9/2013	Chinook salmon	Parr	Minnow Trap, Baited	65	1	Genetic swab sample, such as slime	62.50354	-147.483	62.50332	-147.4841
FDA, UR Opportunistic	8/8/2013	8/9/2013	Chinook salmon	Parr	Minnow Trap, Baited	64	1	Genetic swab sample, such as slime	62.50354	-147.483	62.50332	-147.4841
FDA, UR Tribs, GRTS	9/15/2013	9/16/2013	Chinook salmon	Parr	Backpack Electrofisher	72	1	Genetic swab sample, such as slime	62.503432	-147.48253	62.502612	-147.482573
FDA, UR Tribs, GRTS	9/15/2013	9/16/2013	Chinook salmon	Parr	Backpack Electrofisher	64	1	Genetic swab sample, such as slime	62.503432	-147.48253	62.502612	-147.482573
FDA, UR Tribs, GRTS	9/15/2013	9/16/2013	Chinook salmon	Parr	Backpack Electrofisher	66	1	Genetic swab sample, such as slime	62.503432	-147.48253	62.502612	-147.482573
FDA, UR Tribs, GRTS	9/15/2013	9/16/2013	Chinook salmon	Parr	Backpack Electrofisher	66	1	Genetic swab sample, such as slime	62.503432	-147.48253	62.502612	-147.482573
FDA, UR Tribs, GRTS	9/15/2013	9/16/2013	Chinook salmon	Parr	Minnow Trap, Baited	65	1	Genetic swab sample, such as slime	62.503432	-147.48253	62.502612	-147.482573
FDA, UR Tribs, GRTS	8/15/2013	8/15/2013	Chinook salmon	Juvenile	Backpack Electrofisher	53	1	Genetic swab sample, such as slime	62.503444	-147.482921	62.502494	-147.482682
FDA, UR Tribs, GRTS	8/15/2013	8/16/2013	Chinook salmon	Juvenile	Minnow Trap, Baited	58	1	Genetic swab sample, such as slime	62.503444	-147.482921	62.502494	-147.482682
FDA, UR Tribs, GRTS	8/15/2013	8/15/2013	Chinook salmon	Juvenile	Backpack Electrofisher	57	1	Genetic swab sample, such as slime	62.503444	-147.482921	62.502494	-147.482682
FDA, UR Tribs, GRTS	7/18/2013	7/18/2013	Chinook salmon	Juvenile	Backpack Electrofisher	46	1	Genetic swab sample, such as slime	62.50333	-147.48272	62.502473	-147.482792
FDA, UR Tribs, GRTS	7/18/2013	7/18/2013	Chinook salmon	Juvenile	Backpack Electrofisher	42	1	Genetic swab sample, such as slime	62.50333	-147.48272	62.502473	-147.482792
FDA, UR Tribs, GRTS	7/18/2013	7/18/2013	Chinook salmon	Juvenile	Visual Observation, Ground		1		62.50333	-147.48272	62.502473	-147.482792
FDA, UR Tribs, GRTS	7/18/2013	7/18/2013	Chinook salmon	Juvenile	Backpack Electrofisher	43	1	Genetic sample, whole fish	62.50333	-147.48272	62.502473	-147.482792
FDA, UR Tribs, GRTS	7/18/2013	7/19/2013	Chinook salmon	Juvenile	Fyke Net	48	1	Genetic swab sample, such as slime	62.50333	-147.48272	62.502473	-147.482792
FDA, UR Tribs, GRTS	7/18/2013	7/18/2013	Chinook salmon	Juvenile	Backpack Electrofisher	44	1	Genetic swab sample, such as slime	62.50333	-147.48272	62.502473	-147.482792
FDA, UR Tribs, GRTS	7/18/2013	7/18/2013	Chinook salmon	Juvenile	Backpack Electrofisher	48	1	Genetic swab sample, such as slime	62.50333	-147.48272	62.502473	-147.482792
FDA, UR Tribs, GRTS	7/18/2013	7/18/2013	Chinook salmon	Juvenile	Backpack Electrofisher	45	1	Genetic swab sample, such as slime	62.50333	-147.48272	62.502473	-147.482792
FDA, UR Tribs, GRTS	7/18/2013	7/18/2013	Chinook salmon	Juvenile	Backpack Electrofisher	46	1	Genetic swab sample, such as slime	62.50333	-147.48272	62.502473	-147.482792
FDA, UR Tribs, GRTS	7/18/2013	7/18/2013	Chinook salmon	Juvenile	Backpack Electrofisher	43	1	Genetic swab sample, such as slime	62.50333	-147.48272	62.502473	-147.482792
FDA, UR Tribs, GRTS	7/18/2013	7/18/2013	Chinook salmon	Juvenile	Backpack Electrofisher	38	1	Genetic swab sample, such as slime	62.50333	-147.48272	62.502473	-147.482792
FDA, UR Tribs, GRTS	7/18/2013	7/18/2013	Chinook salmon	Juvenile	Backpack Electrofisher	49	1	Genetic swab sample, such as slime	62.50333	-147.48272	62.502473	-147.482792
FDA, UR Tribs, GRTS	7/18/2013	7/18/2013	Chinook salmon	Juvenile	Backpack Electrofisher	45	1	Genetic swab sample, such as slime	62.50333	-147.48272	62.502473	-147.482792
FDA, UR Tribs, GRTS	7/18/2013	7/18/2013	Chinook salmon	Juvenile	Backpack Electrofisher	44	1	Genetic swab sample, such as slime	62.50333	-147.48272	62.502473	-147.482792
FDA, UR Tribs, GRTS	7/18/2013	7/18/2013	Chinook salmon	Juvenile	Backpack Electrofisher	44	1	Genetic swab sample, such as slime	62.50333	-147.48272	62.502473	-147.482792
FDA, UR Tribs, GRTS	7/18/2013	7/19/2013	Chinook salmon	Juvenile	Fyke Net	49	1	Genetic sample, whole fish	62.50333	-147.48272	62.502473	-147.482792
FDA, UR Tribs, GRTS	8/15/2013	8/15/2013	Chinook salmon	Juvenile	Visual Observation, Ground		1		62.501226	-147.485058	62.500214	-147.48508
FDA, UR Tribs, GRTS	8/15/2013	8/15/2013	Chinook salmon	Juvenile	Backpack Electrofisher	59	1	Genetic swab sample, such as slime	62.501226	-147.485058	62.500214	-147.48508
FDA, UR Tribs, GRTS	7/19/2013	7/19/2013	Chinook salmon	Juvenile	Backpack Electrofisher	42	1	Genetic swab sample, such as slime	62.501212	-147.484725	62.500211	-147.485222
FDA, UR Tribs, GRTS	7/19/2013	7/19/2013	Chinook salmon	Juvenile	Backpack Electrofisher	44	1	Genetic swab sample, such as slime	62.501212	-147.484725	62.500211	-147.485222
FDA, UR Tribs, GRTS	7/19/2013	7/19/2013	Chinook salmon	Juvenile	Backpack Electrofisher	53	1	Genetic swab sample, such as slime	62.501212	-147.484725	62.500211	-147.485222
FDA, UR Tribs, GRTS	7/19/2013	7/19/2013	Chinook salmon	Juvenile	Backpack Electrofisher	52	1	Genetic swab sample, such as slime	62.501212	-147.484725	62.500211	-147.485222
FDA, UR Tribs, GRTS	7/19/2013	7/19/2013	Chinook salmon	Juvenile	Backpack Electrofisher	49	1	Genetic swab sample, such as slime	62.501212	-147.484725	62.500211	-147.485222
FDA, UR Tribs, GRTS	7/19/2013	7/19/2013	Chinook salmon	Juvenile	Backpack Electrofisher	47	1	Genetic swab sample, such as slime	62.501212	-147.484725	62.500211	-147.485222
FDA, UR Tribs, GRTS	7/19/2013	7/19/2013	Chinook salmon	Juvenile	Backpack Electrofisher	48	1	Genetic swab sample, such as slime	62.501212	-147.484725	62.500211	-147.485222
FDA, UR Tribs, GRTS	7/19/2013	7/19/2013	Chinook salmon	Juvenile	Backpack Electrofisher	52	1	gen code?	62.501212	-147.484725	62.500211	-147.485222
FDA, UR Tribs, GRTS	7/19/2013	7/19/2013	Chinook salmon	Juvenile	Backpack Electrofisher	56	1	Genetic swab sample, such as slime	62.501212	-147.484725	62.500211	-147.485222
FDA, UR Tribs, GRTS	7/19/2013	7/19/2013	Chinook salmon	Juvenile	Visual Observation, Ground		10		62.501212	-147.484725	62.500211	-147.485222
FDA, UR Tribs, GRTS	7/19/2013	7/19/2013	Chinook salmon	Juvenile	Backpack Electrofisher	50	1	Genetic swab sample, such as slime	62.501212	-147.484725	62.500211	-147.485222
FDA, UR Tribs, GRTS	7/19/2013	7/19/2013	Chinook salmon	Juvenile	Backpack Electrofisher	43	1	Genetic swab sample, such as slime	62.500745	-147.485014	62.499844	-147.4853
FDA, UR Tribs, GRTS	9/16/2013	9/17/2013	Chinook salmon	Juvenile	Minnow Trap, Baited	61	1	Genetic swab sample, such as slime	62.499711	-147.485442	62.499265	-147.485266
FDA, UR Tribs, GRTS	9/16/2013	9/17/2013	Chinook salmon	Juvenile	Minnow Trap, Baited	66	1	Genetic swab sample, such as slime	62.499847	-147.485854	62.499039	-147.487266
FDA, UR Tribs, GRTS	7/19/2013	7/20/2013	Chinook salmon	Juvenile	Visual Observation, Ground		1		62.499847	-147.485854	62.499039	-147.487266
FDA, UR Tribs, GRTS	7/19/2013	7/20/2013	Chinook salmon	Juvenile	Backpack Electrofisher	49	1	Genetic swab sample, such as slime	62.492256	-147.50494	62.491829	-147.506608
FDA, UR Tribs, GRTS	7/21/2013	7/21/2013	Chinook salmon	Juvenile	Backpack Electrofisher	55	1	Genetic swab sample, such as slime	62.49141	-147.509905	62.491229	-147.511129
ELH, UR	6/29/2013	6/29/2013	Chinook salmon	Fry	Backpack Electrofisher	39	1	Genetic swab sample, such as slime	62.49141	-147.509905	62.491229	-147.511129
ELH, UR	6/29/2013	6/29/2013	Chinook salmon	Fry	Backpack Electrofisher	38	1	Genetic swab sample, such as slime	62.49141	-147.509905	62.491229	-147.511129
ELH, UR	6/29/2013	6/29/2013	Chinook salmon	Fry	Backpack Electrofisher	39	1	Genetic swab sample, such as slime	62.491227	-147.510421	62.490971	-147.511563
ELH, UR	6/29/2013	6/29/2013	Chinook salmon	Parr	Backpack Electrofisher	38	1	Not applicable	62.491227	-147.510421	62.490971	-147.511563
ELH, UR	6/29/2013	6/29/2013	Chinook salmon	Parr	Backpack Electrofisher	39	1	Not applicable	62.491227	-147.510421	62.490971	-147.511563
ELH, UR	6/29/2013	6/29/2013	Chinook salmon	Parr	Backpack Electrofisher	39	1		62.487295	-147.514414	62.486346	-147.514296
FDA, UR Tribs, GRTS	9/15/2013	9/15/2013	Chinook salmon	Juvenile	Backpack Electrofisher	68	1	Genetic swab sample, such as slime	62.487295	-147.514414	62.486346	-147.514296
FDA, UR Tribs, GRTS	9/15/2013	9/15/2013	Chinook salmon	Juvenile	Backpack Electrofisher	70	1	Genetic swab sample, such as slime	62.487116	-147.514596	62.486273	-147.514739
FDA, UR Tribs, GRTS	8/15/2013	8/16/2013	Chinook salmon	Juvenile	Backpack Electrofisher	60	1	Genetic swab sample, such as slime	62.487045	-147.514836	62.486075	-147.514601
FDA, UR Tribs, GRTS	7/19/2013	7/20/2013	Chinook salmon	Juvenile	Visual Observation, Ground		1		62.477395	-147.525469	62.47688	-147.526852
FDA, UR Tribs, GRTS	8/16/2013	8/16/2013	Chinook salmon	Juvenile	Visual Observation, Ground		5		62.477395	-147.525469	62.47688	-147.526852
FDA, UR Tribs, GRTS	8/16/2013	8/16/2013	Chinook salmon	Juvenile	Backpack Electrofisher	64	1	Genetic swab sample, such as slime	62.477395	-147.525469	62.47688	-147.526852
FDA, UR Tribs, GRTS	8/16/2013	8/16/2013	Chinook salmon	Juvenile	Backpack Electrofisher	62	1	Genetic swab sample, such as slime	62.477395	-147.525469	62.47688	-147.526852
FDA, UR Tribs, GRTS	8/16/2013	8/16/2013	Chinook salmon	Juvenile	Backpack Electrofisher	58	1	Genetic swab sample, such as slime	62.477395	-147.525469	62.47688	-147.526852
FDA, UR Tribs, GRTS	8/16/2013	8/16/2013	Chinook salmon	Juvenile	Backpack Electrofisher	62	1	Genetic swab sample, such as slime	62.477459	-147.525164	62.476876	-147.526832
FDA, UR Tribs, GRTS	9/14/2013	9/14/2013	Chinook salmon	Juvenile	Backpack Electrofisher	63	1	Genetic swab sample, such as slime	62.477488	-147.524993	62.476854	-147.526871
FDA, UR Tribs, GRTS	7/20/2013	7/21/2013	Chinook salmon	Juvenile	Minnow Trap, Baited	58	1	Genetic swab sample, such as slime	62.477488	-147.524993	62.476854	-147.526871
FDA, UR Tribs, GRTS	7/20/2013	7/21/2013	Chinook salmon	Juvenile	Minnow Trap, Baited	54	1	Genetic swab sample, such as slime				



SUSITNA-WATANA
HYDROELECTRIC PROJECT

Johnson, J D (DFG)

From: Ivey, Samuel S (DFG)
Sent: Wednesday, September 10, 2014 9:57 AM
To: Johnson, J D (DFG)
Subject: RE: Talkeetna Mts nom forms

All these noms look reasonable to me. He has Chinook presence nominated for Tsisi and Tsusena creeks, but not spawning even though the fish were observed at a time when they should have been spawning or were post spawners about to die. I would be OK adding spawning to these based on the dates observed unless the department requires actual observed spawning behavior or noted redds.

Thanks,

Sam

From: Johnson, J D (DFG)
Sent: Monday, September 08, 2014 2:48 PM
To: Ivey, Samuel S (DFG)
Subject: RE: Talkeetna Mts nom forms

I'll scan & email copies 2day

J. Johnson
AWC Project Biologist
907-267-2337

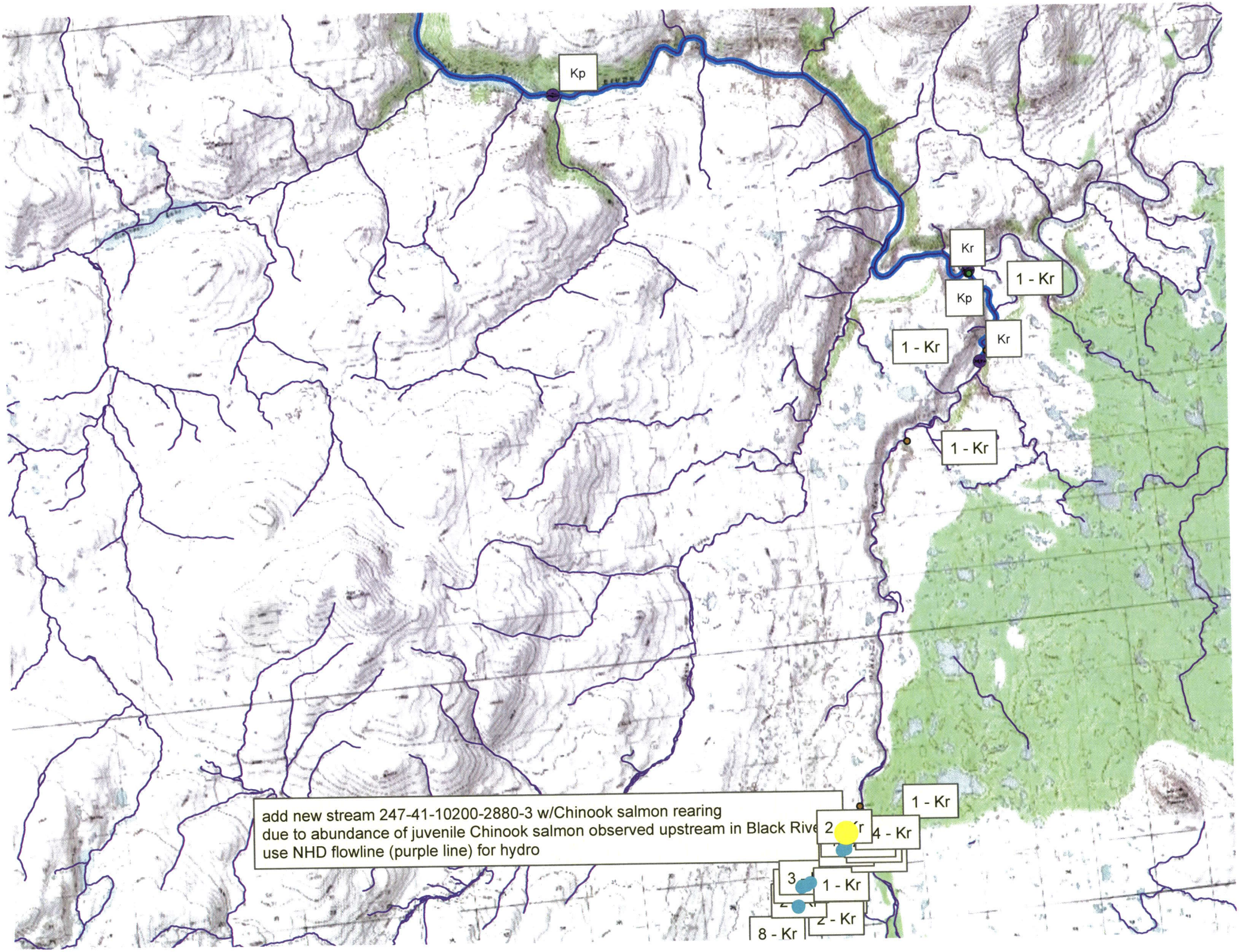
From: Ivey, Samuel S (DFG)
Sent: Monday, September 08, 2014 2:46 PM
To: Johnson, J D (DFG)
Subject: Re: Talkeetna Mts nom forms

Yes, thanks

Sent from my iPhone

On Sep 8, 2014, at 2:44 PM, "Johnson, J D (DFG)" <j.johnson@alaska.gov> wrote:

> Sam
>
> I recently received 6 nom forms for several creeks north of Palmer
> They were submitted by Nathan Anderson an Intern w/Commerce, Community & Economic Development
> AID-AIDEA ENERGY
>
> Would you be interested in reviewing nom forms submitted by Nathan?
> If so, I'll scan and email to you, just to see if his observations are reasonable.
>
> J. Johnson
> AWC Project Biologist
> 907-267-2337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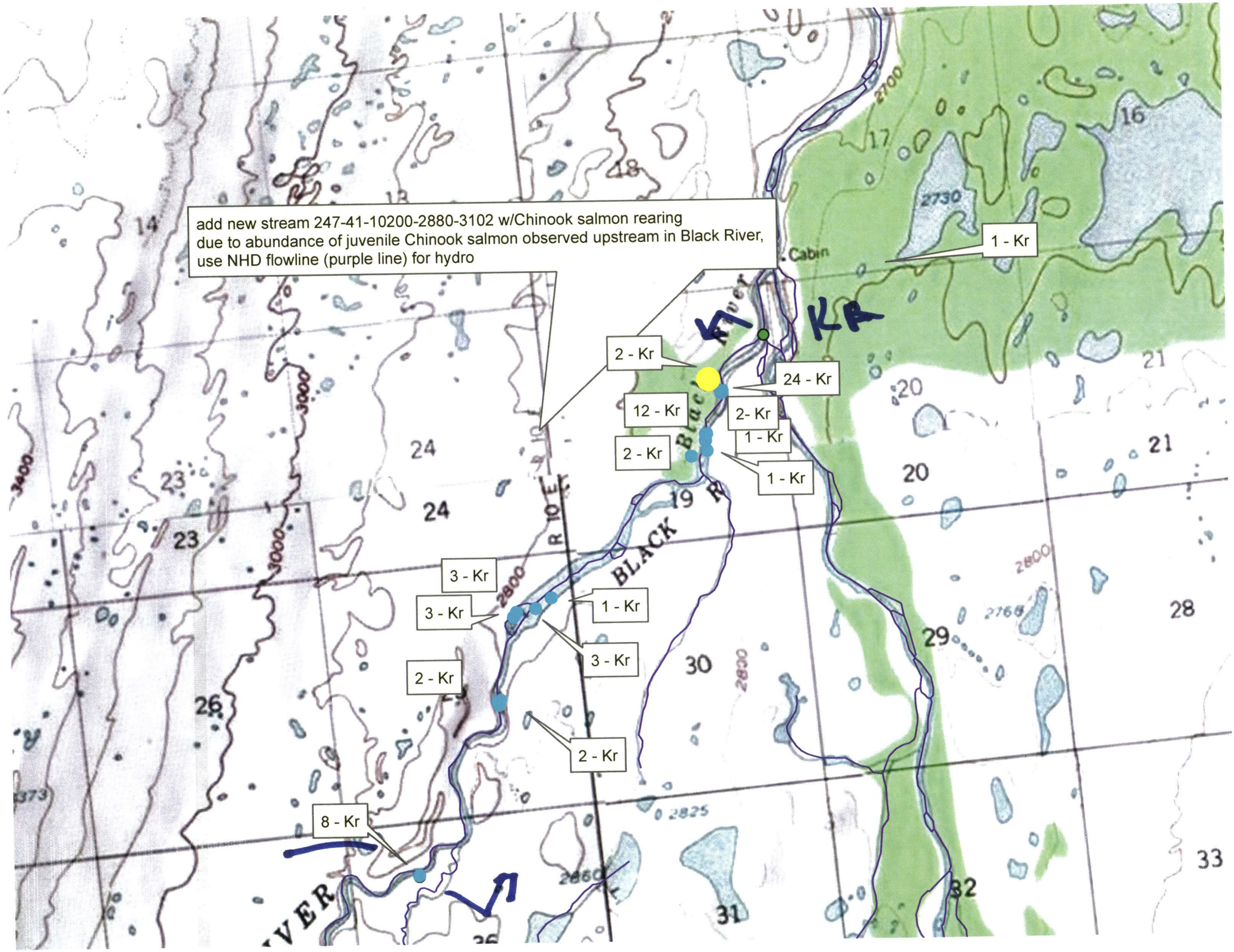
4 - Kr
1 - Kr
2 - Kr
8 - Kr
add new stream 247-41-10200-2880-3 w/Chinook salmon rearing
due to abundance of juvenile Chinook salmon observed upstream in Black Rive
use NHD flowline (purple line) for hydro


add new stream 247-41-10200-2880-3102 w/Chinook salmon rearing
due to abundance of juvenile Chinook salmon observed upstream in Black River,
use NHD flowline (purple line) for hydro
1 - Kr
2 - Kr
24 - Kr
12 - Kr
2- Kr
1 - Kr
2 - Kr
1 - Kr
3 - Kr
3 - Kr
1 - Kr
3 - Kr
2 - Kr
2 - Kr
8 - Kr
KR
BLACK
Cabin
2730
2700
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