



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

Nomination Form
Anadromous Waters Catalog

M

Region: Southcentral USGS Quad(s): Talkeetna Mountains C-1

AWC Number of Water Body: 247-41-10200-2880

Name of Water body: Oshetna River USGS Name Local Name

Addition Deletion Correction Backup Information

For Office Use

Nomination #	<u>14-695</u>	<u>James J. Hasbrouck</u>	<u>10/3/2014</u>
		Fisheries Scientist	Date
Revision Year:	<u>2015</u>	<u>[Signature]</u>	<u>10/3/14</u>
		Habitat Operations Manager	Date
Revision to: Atlas _____ Catalog _____		<u>[Signature]</u>	<u>9/10/14</u>
Both <input checked="" type="checkbox"/>		AWC Project Biologist	Date
Revision Code: <u>B-2, A-1</u>		<u>[Signature]</u>	<u>10/15/14</u>
		GIS Analyst	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Chinook Salmon	07/16/2013-09/12/2013		Y	Y	<input checked="" type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>

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 5 Chinook salmon (4 juvenile, 1 adult) were observed in the Oshetna River. During AEA's sampling efforts, 2 of these Chinook salmon juveniles were observed using a backpack electrofisher above the previous AWC nomination, one on 7/18/2013 and the other on 9/12/13. Juvenile Chinook salmon were also found in the Black River, which flows into the Oshetna River several miles upstream and is also being nominated. For additional information, see attached tables, map, and GIS shapefiles.

Ref nom #
14-696
Extend River w/ Chinook Salmon Present

Name of Observer (please print): Nathan Anderson

Signature: [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 Date: 9/10/14 Revision 11/13

Name of Area Biologist (please print): Uro Emmel



State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Anadromous Waters Catalog

Region USGS Quad(s)
 Anadromous Waters Catalog Number of Waterway
 Name of Waterway USGS Name Local Name
 Addition Deletion Correction Backup Information

For Office Use

Nomination #	<input type="text" value="14-695"/>	_____	_____
Revision Year:	_____	Fisheries Scientist	Date
Revision to:	Atlas _____	_____	Date
	Both _____	Habitat Operations Manager	Date
Revision Code:	_____	_____	Date
		AWC Project Biologist	Date
		_____	_____
		Cartographer	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
chinook salmon	07/16/2013		✓	✓	✓
chinook salmon	09/12/2013		✓	✓	✓

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 5 Chinook salmon (4 juvenile, 1 adult) were observed in the Oshetna River. During AEA's sampling efforts, 2 of these Chinook salmon juveniles were observed using a backpack electrofisher above the previous AWC nomination, one on 7/18/2013 and the other on 9/12/13. Juvenile Chinook salmon were also found in the Black River, which flows into the Oshetna River several miles upstream and is also being nominated. For additional information, see attached tables, map, and GIS shapefiles.
 Coordinates (Lat,Long): Upper(62.50958,-147.474908) Lower(62.63984,-147.38246)

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: _____ Revision 02/08
 Name of Area Biologist (please print): _____

Table 1-1. (AWC Number 247-41-10200-2880) 2013 Telemetry Survey of Radio-Tagged Adults

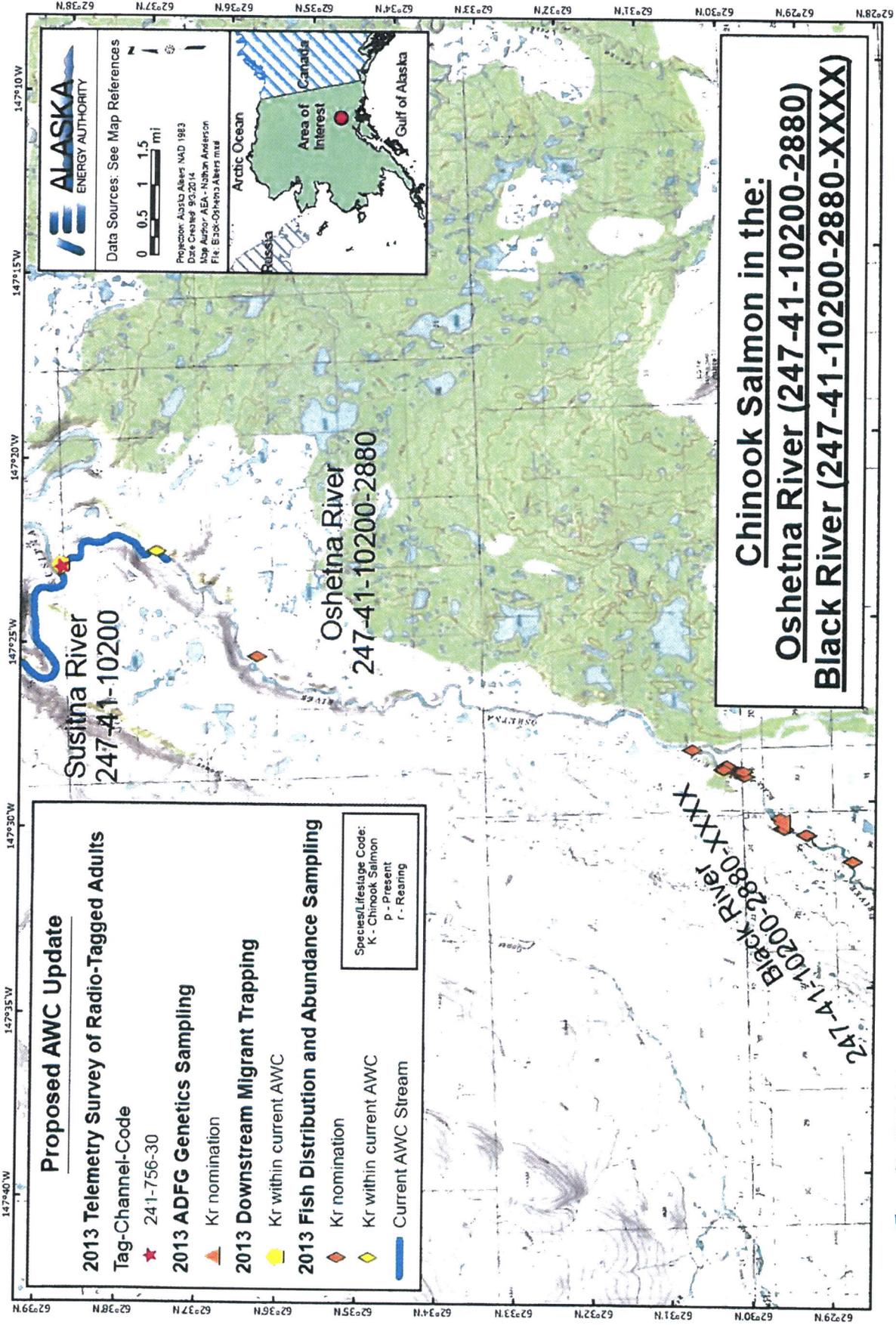
Survey Date	Species	Tag Label	Latitude	Longitude
7/20/2013	Chinook Salmon	756-30	62.639825	-147.383783
7/31/2013	Chinook Salmon	756-30	62.639825	-147.383783

Table 1-2. (AWC Number 247-41-10200-2880) 2013 Downstream Migrant Trapping

Survey Date	Species	Fish Lifesage	Observation Method	Fish Length (mm)	Fish Count	Latitude	Longitude
6/14/2013	Chinook salmon	Smolt	Screw Trap	61	1	62.63984	-147.38246

Table 1-3. (AWC Number 247-41-10200-2880) 2013 Fish Distribution and Abundance Sampling

Study Name	Survey Date	Species	Fish Lifesage	Observation Method	Fish Length (mm)	Fish Count	Downstream Latitude	Downstream Longitude	Upstream Latitude	Upstream Longitude
FDA, UR Opportunistic	7/15/2013	Chinook salmon	Fry	Fyke Net	54	1	62.62009	-147.37766	62.62009	-147.37766
FDA, UR trbs, GRTS	9/12/2013	Chinook salmon	Juvenile	Backpack Electrofisher	83	1	62.600283	-147.427605	62.599583	-147.426634
FDA, UR trbs, GRTS	7/18/2013	Chinook salmon	Juvenile	Backpack Electrofisher	45	1	62.510294	-147.473859	62.50958	-147.474908



Data Sources: See Map References

0 0.5 1 1.5 mi

Projection: Alaska Albers NAD 1983
 Date Created: 9/3/2014
 Map Author: AEA - Nathan Anderson
 File: E338-Oshetna-Albers.mxd



Proposed AWC Update

2013 Telemetry Survey of Radio-Tagged Adults
 Tag-Channel-Code
 ★ 241-756-30

2013 ADFG Genetics Sampling
 ▲ Kr nomination

2013 Downstream Migrant Trapping
 ● Kr within current AWC

2013 Fish Distribution and Abundance Sampling
 ◆ Kr nomination
 ◇ Kr within current AWC
 — Current AWC Stream

Species/Lifestage Code:
 K - Chinook Salmon
 p - Present
 r - Rearing

Chinook Salmon in the:
Oshetna River (247-41-10200-2880)
Black River (247-41-10200-2880-XXXX)

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 Tsihi 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

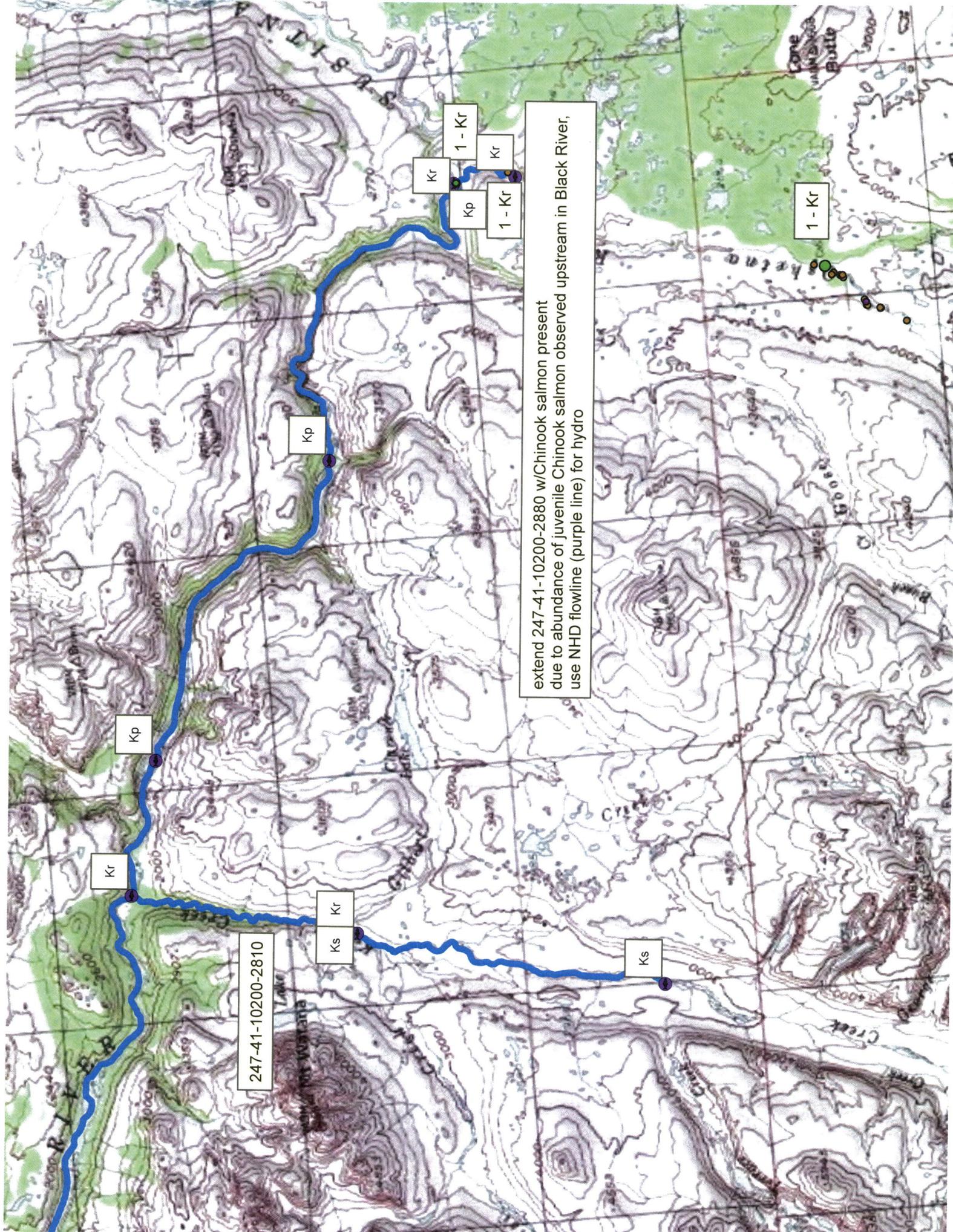
On Sep 8, 2014, at 2:44 PM, "Johnson, J D (DFG)" <j.johnson@alaska.gov> wrote:

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



247-41-10200-2810

extend 247-41-10200-2880 w/Chinook salmon present due to abundance of juvenile Chinook salmon observed upstream in Black River, use NHD flowline (purple line) for hydro

Kp

Kr

Ks Kr

Kr

Kp

1 - Kr

1 - Kr

Kr

1 - Kr

Ks



KR

1 - Kr

1 - Kr

1 - Kr

Kr

Kp

Kr

1 - Kr

extend 247-41-10200-2880 w/Chinook salmon present
due to abundance of juvenile Chinook salmon observed upstream in Black River,
use NHD flowline (purple line) for hydro

Lands Buffer