



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

Nomination Form  
Anadromous Waters Catalog

M E

Region II USGS Quad(s) 61 13.087'N, 148 40.620'W  
 Anadromous Waters Catalog Number of Waterway ANC ~~1110~~ AS 1B-5 247-50-10200-2160  
 Name of Waterway UPPER LAKE GEORGE  USGS Name  Local Name  
 Addition  Deletion  Correction  Backup Information - 3070

For Office Use

Nomination # <u>140033</u>	<u>[Signature]</u> Fisheries Scientist Date <u>9/25/14</u>
Revision Year: <u>2015</u>	<u>[Signature]</u> Habitat Operations Manager Date <u>4/25/14</u>
Revision to: Atlas _____ Catalog _____ Both <u>X</u>	<u>[Signature]</u> AWC Project Biologist Date <u>2/4/14</u>
Revision Code: <u>A-20 B-6</u>	<u>[Signature]</u> Cartographer Date <u>5/2/14</u>

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
<u>SOCKEYE</u>	<u>10/21/2013</u>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" 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: Please see attached  
Add new <sup>short</sup> stream 247-50-10200-2160-3070  
w/sockeye salmon spawning  
extend 247-50-10200-2160 w/sockeye salmon present,  
reverse impact reposition  
 ALASKA DEPT. OF FISH & GAME  
 OCT 2013  
coho salmon upper

Name of Observer (please print): Samantha Osland  
 Signature: [Signature]  
 Agency: ALASKA DEPARTMENT OF FISH & GAME  
 Address: 1800 GLINN Hwy SUITE #2  
Palmer AK 99605

Date: 10/22/13

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: 10-23-13 Revision

02/08

Super cub flight on 10/21/2013; to location 61 13.087'N, 148 40.620'W - revealed spawning sockeye salmon in a small stream in Upper Lake George. Super cub landed on the river bed at this location and the below was documented via foot survey.

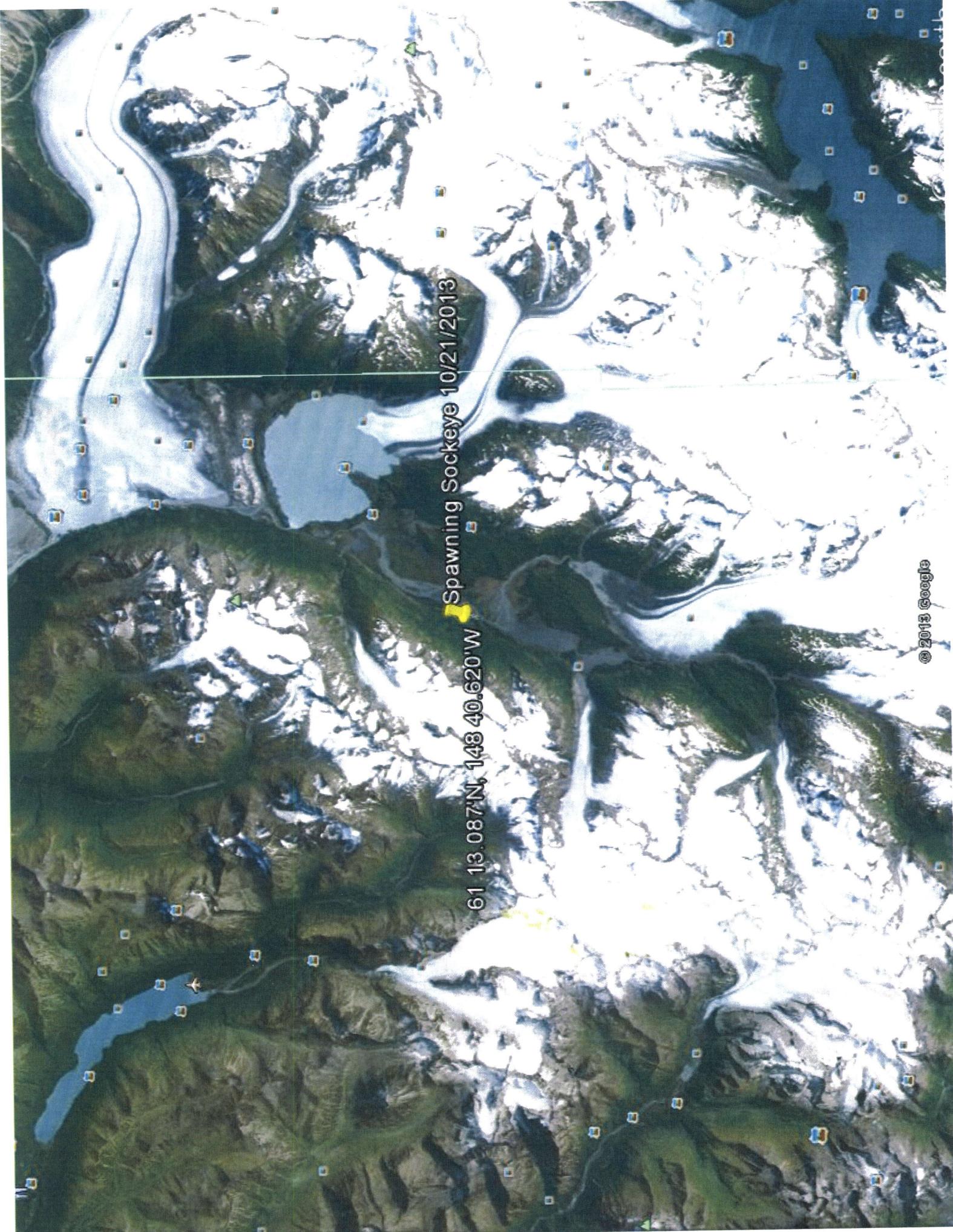
Approximately 25 adult sockeye salmon were actively spawning. Salmon were primarily spawning near two small tributaries of this system draining in from higher elevations, providing clear water mixing with the glacier waters. Substrate was adequate for spawning, with little silt deposits from runoff of tributaries contributing to water clarity at location of spawning. Several redds were observed in the clear waters where tributaries provided visuals of stream bed.

Sampling methods included photo documentation as well as video (available upon request). Several actively spawning sockeye were photographed for identification purposes as well as multiple morts (see attached).

Sockeye were observed spawning in an approximately 100yd. stretch of river beginning where the tributaries flow off the mountain into the below stream.

According to prior observations by state troopers, sockeye were observed pre-spawn at this location mid-September when enforcement was actively checking hunters in the area. At initial observation, salmon were thought to be coho.

Barriers include the Knik Glacier and ice breakup from Lake George / Colony Glacier Ice at the outlet of Lake George.



Spawning Sockeye 10/21/2013

61 13.087°N, 143 40.620°W



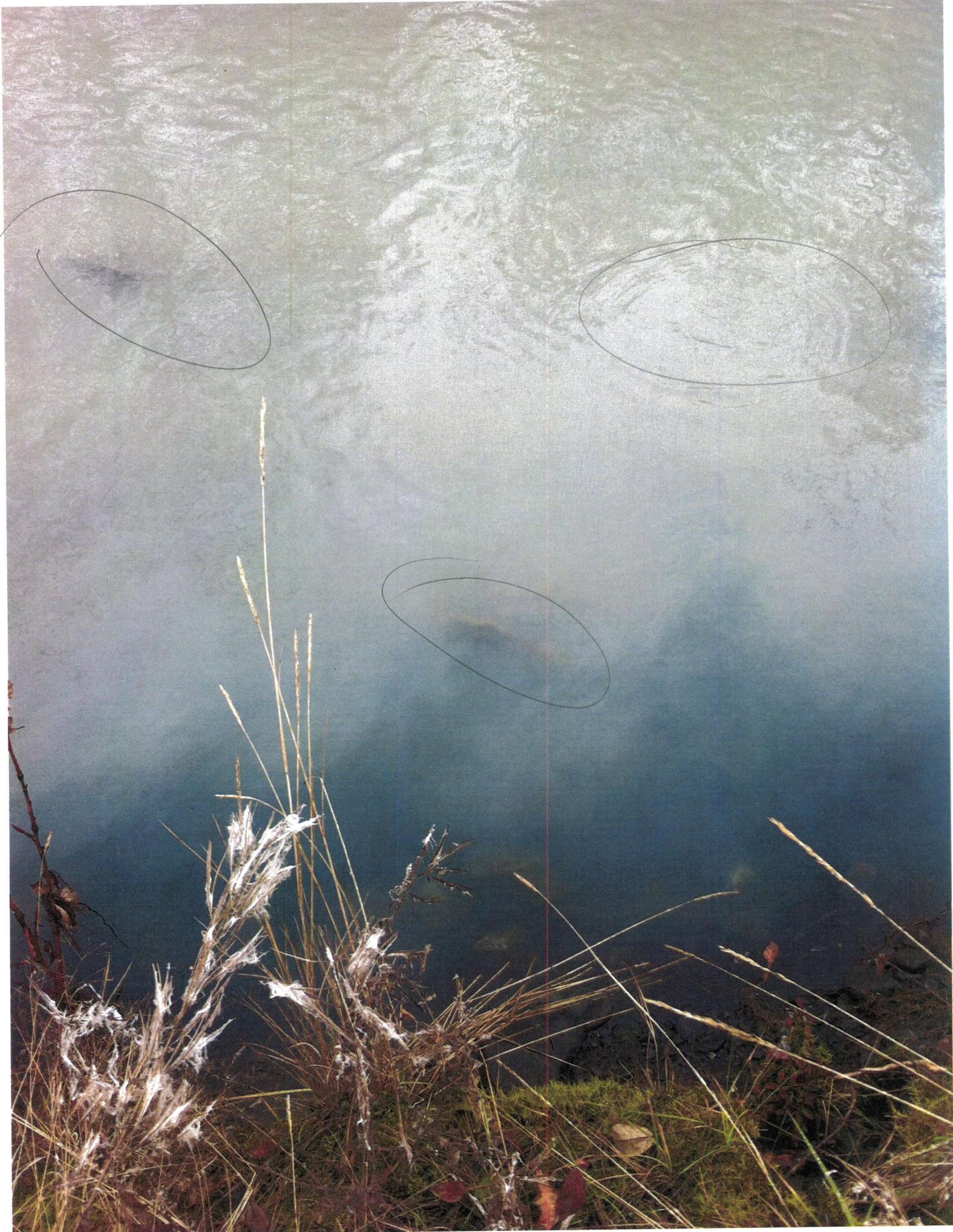


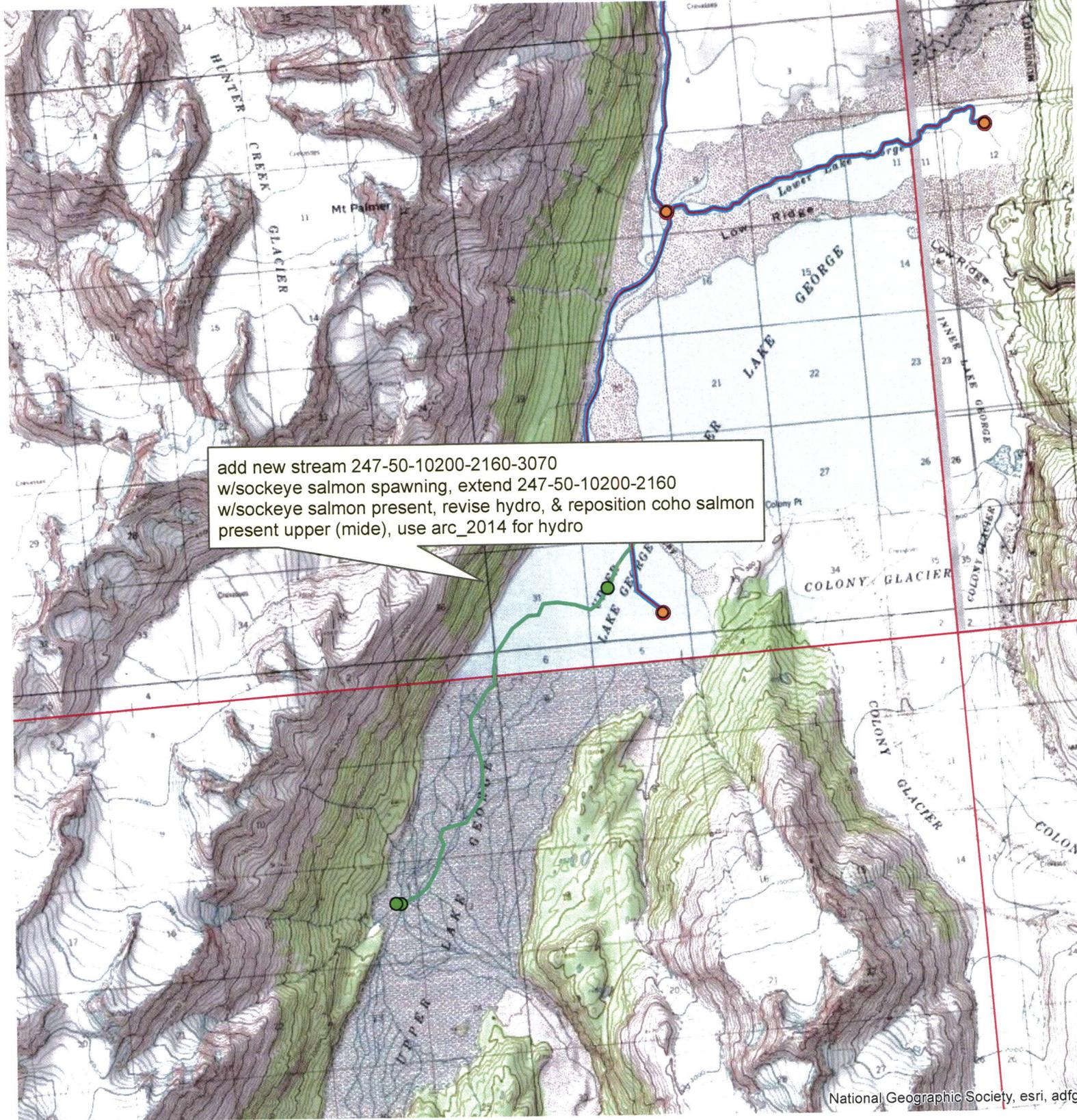




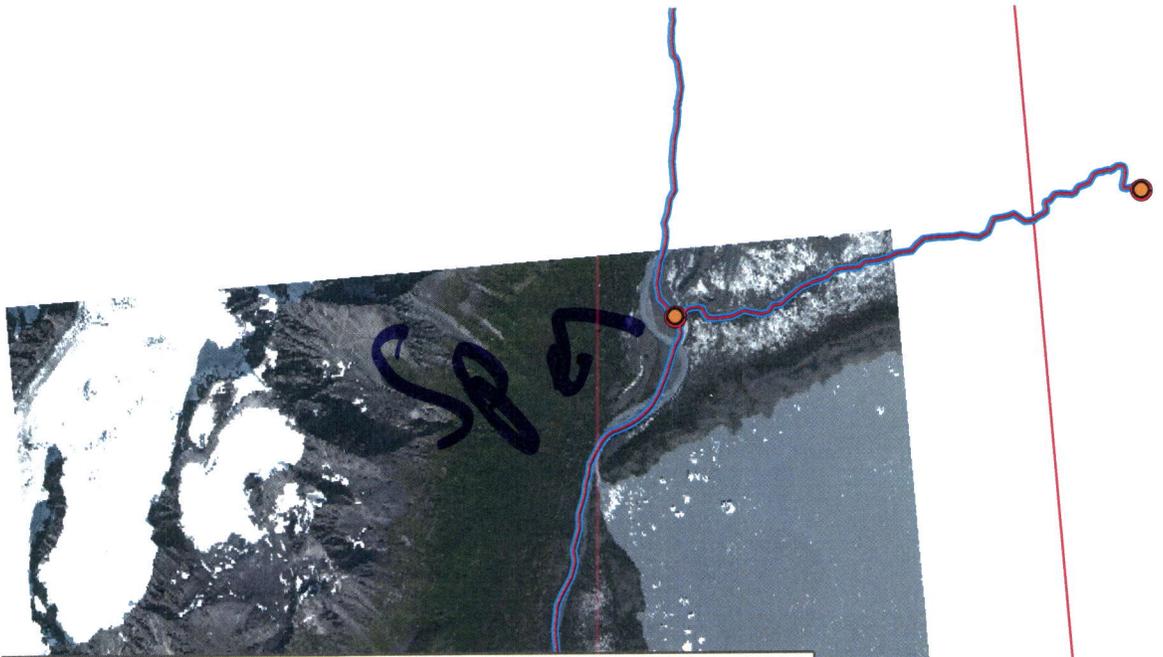








add new stream 247-50-10200-2160-3070  
w/sockeye salmon spawning, extend 247-50-10200-2160  
w/sockeye salmon present, revise hydro, & reposition coho salmon  
present upper (mide), use arc\_2014 for hydro



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