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

Nomination Form
Anadromous Waters Catalog

Region: Southwest

USGS Quad(s): Kodiak B-3

AWC Number of Water Body: 259-42-10039- 2008

Name of Water body: Unnamed Tributary ☐ USGS Name ☑ Local Name

☑ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

Nomination #	150407	James J Hasbrouck Fisheries Scientist	8/31/2015 Date
Revision Year:	2016	Habitat Operations Manager	8/31/15 Date
Revision to: Atlas ____ Catalog ____ Both ✓		AWC Project Biologist	13 Aug 15 Date
Revision Code:	A-Z	GIS Analyst	9 2015 Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Coho Salmon	7/7/2015		X		☑
					☐
					☐
					☐
					☐

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

During a joint Kodiak Island Borough and ADF&G sampling effort, we used an electrofisher to sample an unnamed tributary (IDENT 058) (Figure 1). Please see the July 7-10, 2015 Trip Report.

Add new creek w/ coho salmon rearing

Name of Observer (please print): Will Frost, Habitat Biologist

Signature: [signature]

Date: 7/16/2015

Agency: ADF&G, Division of Habitat

Address: 333 Raspberry Road
Anchorage, AK 99518

ALASKA DEPT. OF FISH & GAME
JUL 24 2015

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

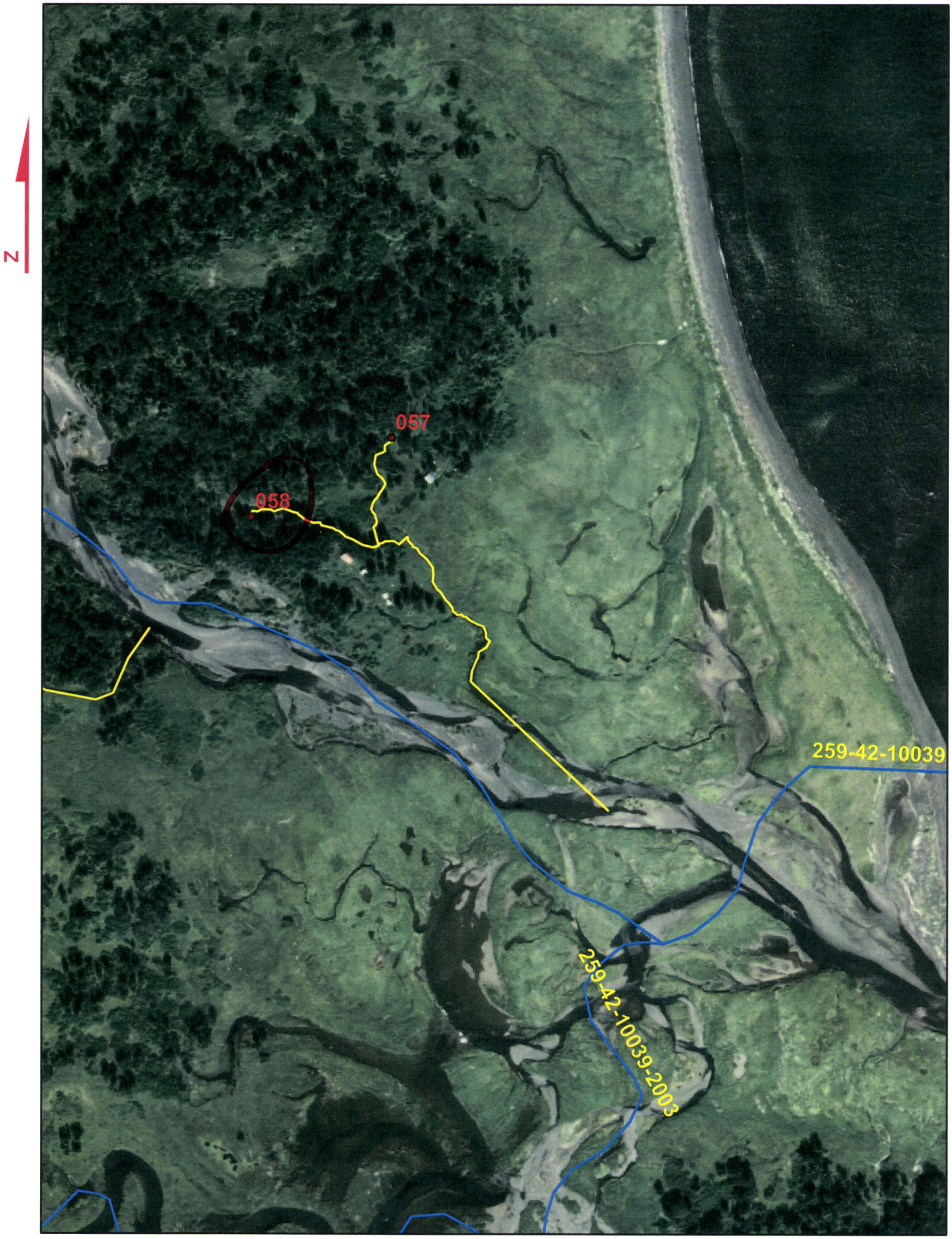


Figure 1

0 40 80 160 240 320 Meters

ADF&G

MEMORANDUM

State of Alaska
Department of Fish and Game
Division of Habitat

TO: Michael Daigneault
Central Region
Regional Supervisor

DATE: July 24, 2015

PHONE NO: 267-2813

FROM: Will Frost WF
Habitat Biologist

SUBJECT: AKSSF AWC Survey: Kodiak Island
July 2015

On July 7 through 10, 2015, I joined Janel Day, Kodiak Island Borough (KIB) on Kodiak Island for the purpose of sampling waters on KIB lands to document the presence of anadromous fish. The information gathered will be used to submit official nominations for inclusion in the Anadromous Waters Catalog and its companion Atlas. Inclusion in the Anadromous Waters Catalog will conserve salmon habitat by providing the 50-foot riparian development setback required under the KIB code. A water body listed in the Anadromous Waters Catalog is also afforded additional protection under State law at AS 16.05.871. The weather conditions were clear and cool.

On the morning of July 7, Ms. Day and I flew with Maritime Helicopters of Kodiak to Eagle Harbor in Ugak Bay on Kodiak Island. We landed upstream of a tidally influenced pond that flows into Stream No. 259-42-10039. We set 3 baited minnow traps in two unnamed tributaries to the pond (Figure 1). The traps soaked about 4 hours. The two traps placed in one of the tributaries captured 23 young-of-year coho salmon and the one trap placed in the second tributary captured 4 young-of-year coho salmon. Because of the incoming tide, no length measurements were taken for the coho salmon. The unnamed tributaries will be nominated to the Anadromous Waters Catalog.

We flew to an unnamed tributary to Stream No. 259-42-10039 on the opposite side of Eagle Harbor. We used an electrofisher to sample about 400 meters of the tributary ending at a beaver pond (Figure 2). We captured 2 juvenile coho salmon (75 and 95 mm fork length (FL)). We sampled about 150 meters of a tributary to the previously sampled stream and captured 50 juvenile coho salmon. We measured 5 fish (55-90 mm FL). The unnamed tributaries will be nominated to the Anadromous Waters Catalog.

We flew up the valley of Stream No. 259-42-10039 and landed adjacent to an unnamed tributary to Stream No. 259-42-10039. We sampled about 500 meters of the stream (Figure 3). We captured 8 juvenile coho salmon (55-90 mm FL). We sampled about 80 meters of an additional unnamed tributary to the previously sampled stream ending at a lake. We captured 2 juvenile coho salmon in the lake (75 and 90 mm FL) (Figure 4). The unnamed streams and unnamed lake will be nominated to the Anadromous Waters Catalog.

We returned to the helicopter and flew about 3 kilometers up Stream No. 259-42-10039-2003 and landed adjacent to a lake (Figure 5). We sampled about 225 meters of an unnamed stream that flows into the lake. We ended our sample at a spring. No fish were captured or observed. We walked downstream to the lake and sampled the along the edge of the lake and captured 4 juvenile coho salmon (35-55 mm FL). The lake will be nominated to the Anadromous Waters Catalog.

On the morning of July 8, we flew with Maritime Helicopters to Hidden Basin in Ugak Bay. We sampled about 310 meters of an unnamed stream that flows into Hidden Basin (Figure 6). We ended our sample where the stream gradient became a barrier. We capture 3 Dolly Varden. No length measurements were taken for the Dolly Varden.

We walked to Stream No. 259-41-10090. We waited about 10 minutes for a herd of bison to move out of the stream before we began sampling (Figure 7). We walked upstream about 700 meters and sampled the stream to determine if coho salmon were present (Figure 8). No salmon were captured or observed. We captured 8 Dolly Varden (65-95 mm FL) and 9 sculpin. I used a Garmin GPS to map the correct location of the stream up to a point where the streamflow was too swift to walk. We returned to the helicopter and flew up Stream No. 259-41-10090 to the upper extent of the specified reach and observed a 15-foot falls. I marked the location of the falls with my GPS. The barrier location and the correct stream channel location will be nominated for update to the Anadromous Waters Catalog.

While returning to Kodiak, we flew up Stream No. 259-41-10080 and observed a 40-foot falls about 300 meters below the upper extent of the specified reach. The barrier location will be nominated for update to the Anadromous Waters Catalog. Stream No. 259-41-10080 will be sampled in late summer 2015 to determine if coho salmon are present in the stream.

On the morning of July 9, Ms. Day and I drove to Salonie Creek (Stream No. 259-22-10030). We sampled 3 unnamed tributaries to Stream No. 259-22-10030-2003. The streams flow across the Salonie Creek Rifle Range Road through culverts that have been surveyed for fish passage. The survey data is located in the Alaska Department of Fish and Game (ADF&G) Fish Resource Monitor.* The first stream sampled flows through culvert (SCRRR04). We sampled downstream of the road about 130 meters to an unnamed tributary to Stream No. 259-22-10030-2003. We captured 45 Dolly Varden. No length measurements were taken for the Dolly Varden. The stream was sampled in May 2015 and we captured Dolly Varden. No salmon were captured or observed.

We sampled above the specified reach of Stream No. 259-22-10030-2003-3020. The specified reach ends at the outlet of culvert (SCRRR05). We sampled about 250 meters above the road ending where the stream gradient becomes a barrier. We captured 8 juvenile coho salmon (55-65 mm FL). We captured 10 Dolly Varden. No length measurements were taken for the Dolly Varden. The additional stream reach will be nominated for update to the Anadromous Waters Catalog.

We sampled an unnamed tributary to Stream No. 259-22-10030 located at the shooting range. The stream flows through culvert (SCRRR06). We captured 2 juvenile coho salmon (55 and 70 mm FL) below the culvert outlet. We walked upstream above the road about 250 meters and observed about 40 Dolly Varden. We ended our survey at a spring (Figure 9). The unnamed stream below the culvert will be nominated to the Anadromous Waters Catalog.

* Complete culvert survey data located at: http://extra.sf.adfg.state.ak.us/FishResourceMonitor/?mode=awc

We set 2 baited minnow traps in a pond located above culvert (SCRRR01). The traps soaked about 4 hours. The traps captured 1 Dolly Varden (100 mm FL). We sampled downstream of the road in an unnamed tributary to Stream No. 259-22-10032. The unnamed tributary is located above the specified reach of Stream No. 259-22-10032. We captured 2 juvenile coho salmon (90 and 95 mm FL). The unnamed tributary will be nominated to the Anadromous Waters Catalog. The ADF&G recommends culverts SCRRR01, SCRRR05 and SCRRR06 to be replaced with culverts designed for fish passage.

On the morning of July 10, we drove to Monashka Creek (Stream No. 259-10-10015). We sampled about 500 meters above the specified reach of Stream No 259-10-10015-2020 (Figure 10). We captured 5 juvenile coho salmon (45-80 mm FL). We captured 45 Dolly Varden. We measured 5 fish (45-175 mm FL) (Figure 11). The additional reach will be nominated for update to the Anadromous Waters Catalog.

We walked to Virginia Creek (Stream No. 259-10-10015-2001). We sampled from the stream mouth upstream about 550 meters to the Monashka Bay Road below the outlet of culvert (KOD05-MB01) (Figure 12). We captured 15 juvenile coho salmon. We measured 5 fish (50-60 mm FL). I used a Garmin GPS to map the correct stream location up to the road. Virginia Creek above the Monashka Bay Road will be sampled in the late summer of 2015. The juvenile coho salmon and correct location of the stream will be nominated for update to the Anadromous Waters Catalog.

We walked to Stream No. 259-10-10015-2010. We sampled an unnamed tributary located about 50 meters below the upper extent of the specified reach. We sampled about 50 meters to a barrier. We captured 2 juvenile coho salmon (85 and 90 mm FL). We sampled about 350 meters above the specified reach of Stream No. 259-10-10015-2010. The stream ended at a barrier. We captured 4 juvenile coho salmon (70-85 mm FL). The unnamed tributary will be nominated to the Anadromous Waters Catalog. The additional stream reach will be nominated for update to the Anadromous Waters Catalog.

The ADF&G is currently planning on returning to Kodiak for a sampling effort in August 2015.

cc: S. Schrof, ADF&G
N. Svoboda, ADF&G
D. Tracy, ADF&G
T. Polum, ADF&G
A. Ott, ADF&G
G. O'Doherty, ADF&G
C. Curtis, ADF&G
J. Day, KIB
B. Cassidy, KIB
B. Brown, KSWCD

Figure 1. Mr. Frost setting a minnow trap in an unnamed tributary to Stream No. 259-42-10039.

Figure 2. Sampling an unnamed tributary to Stream No. 259-42-10039.

Figure 3. Sampling an additional unnamed tributary to Stream No. 259-42-10039.

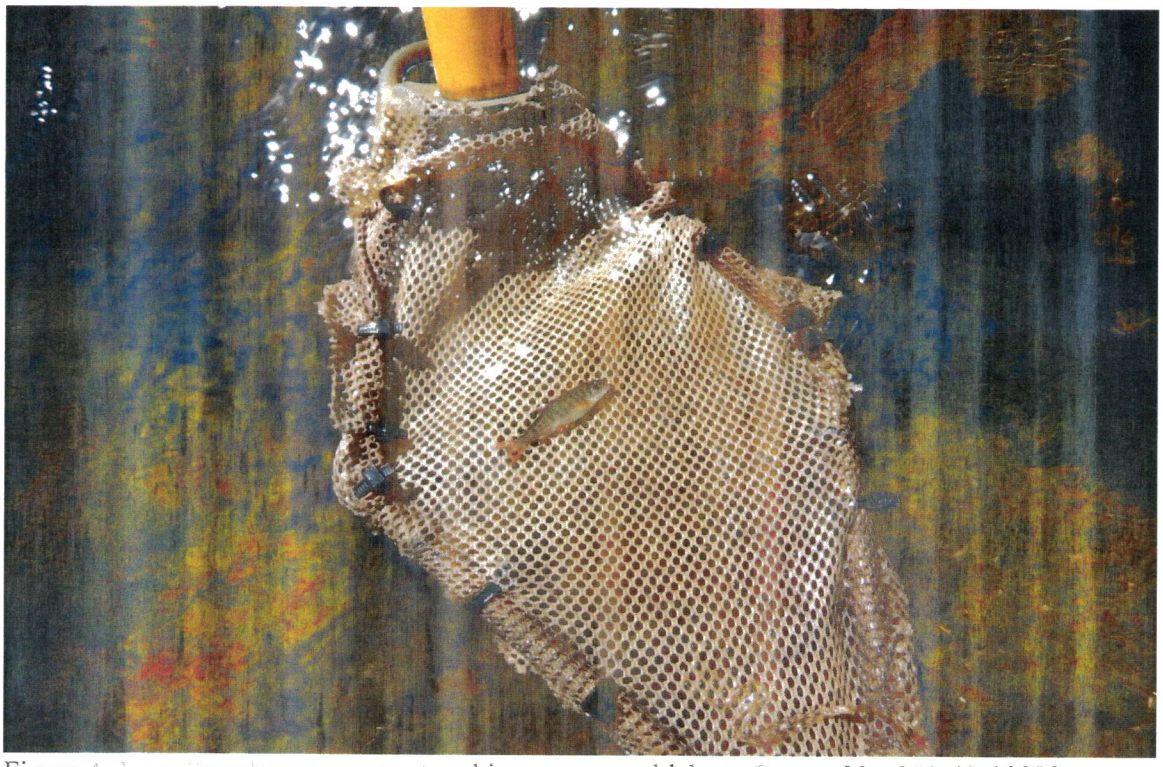


Figure 4. Juvenile coho salmon captured in an unnamed lake to Stream No. 259-42-10039.

Figure 5. Unnamed lake that flows to Stream No. 259-42-10039-2003.

Figure 6. Sampling unnamed stream located in Hidden Basin.

Figure 7. Bison herd at outlet to Stream No. 259-41-10090.

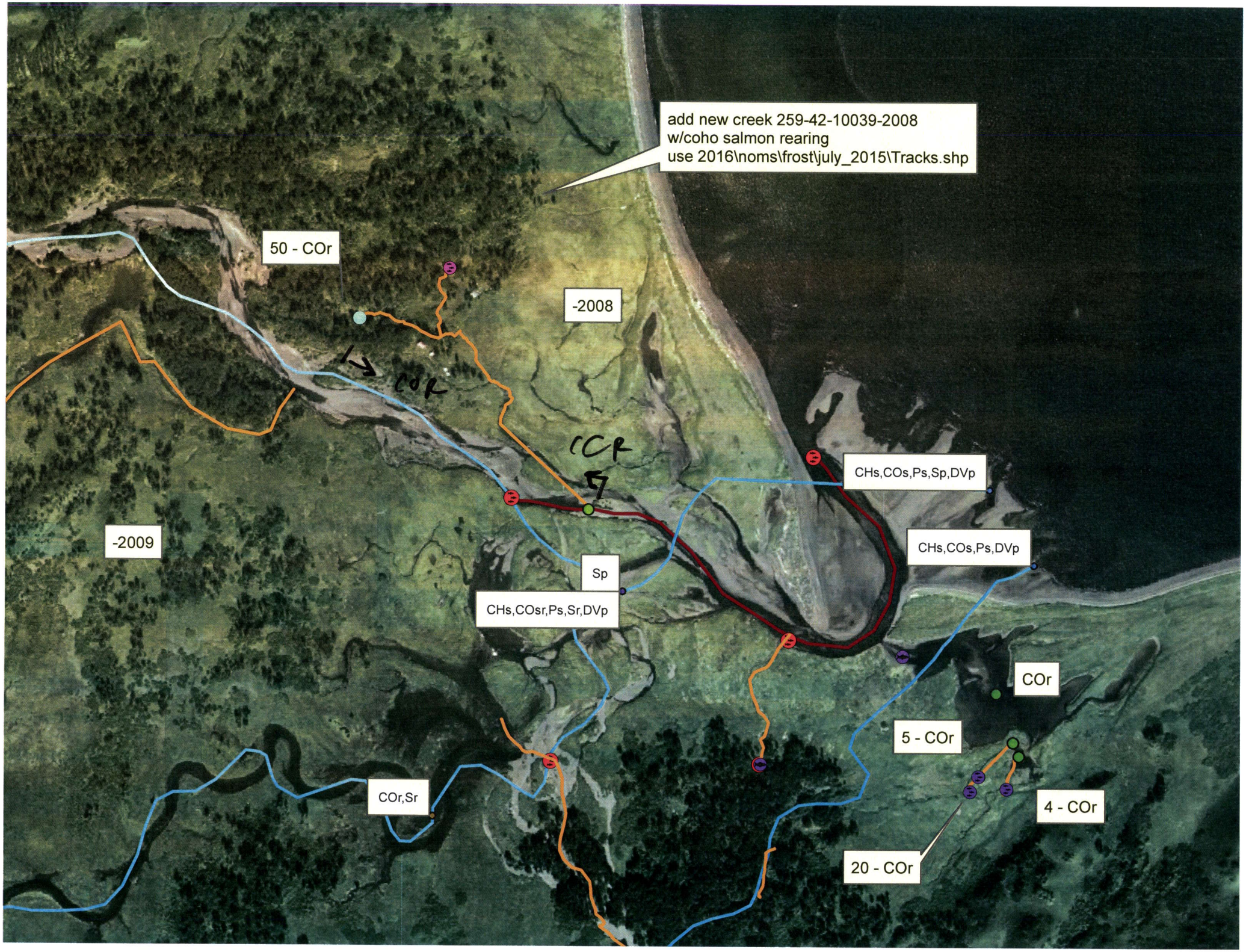
Figure 8. Sampling Stream No. 259-41-10090.

Figure 9. Spring located in unnamed stream above culvert SCRRR06.

Figure 10. Mr. Day sampling above the specified reach of Stream No 259-10-10015-2020.

Figure 11. Dolly Varden captured above the specified reach of Stream No 259-10-10015-2020.

Figure 12. Sampling below the Monarch Bay Road in Virginia Creek.


add new creek 259-42-10039-2008
w/coho salmon rearing
use 2016\noms\frost\july_2015\Tracks.shp
50 - COr
-2008
COR
CCR
CHs,COs,Ps,Sp,DVp
-2009
CHs,COs,Ps,DVp
Sp
CHs,COsr,Ps,Sr,DVp
COr
5 - COr
COr,Sr
4 - COr
20 - COr