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

Nomination Form
Anadromous Waters Catalog

ME

Region: Southwest

USGS Quad(s): Afognak B-1 2

Anadromous Waters Catalog Number of Waterway: 251-82-10060

Name of Waterway: "Mallard Creek" ☐ USGS Name ☑ Local Name

☑ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

Nomination # 130087		mel CL	10/29/13
		Fisheries Scientist	Date
Revision Year: 2014		[signature]	10/24/13
		Habitat Operations Manager	Date
Revision to: Atlas ____ Catalog ____		[signature]	6/12/13
Both X		AWC Project Biologist	Date
A-3		[signature]	11613
Revision Code: A-1, B-2, B-2, C-9		Cartographer	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Juvenile Coho (20)	5/7/2013		X		☑
Dolly Varden	5/7/2013			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 Add * Mallard Ck to ADF&G local name

During a joint ANC sampling prior to timber harvest, I used an electrofisher to sample Mallard Creek. See the May 6 to 8, 2013 Trip Report.

Extend stream w/ coho rearing/present

Revise hydrography, Reporting pts.

ALASKA DEPT. OF FISH & GAME
MAY 22 2013

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

Signature: [signature] Date: 5/18/2013

Agency: ADF&G, Division of Habitat

Address: 333 Raspberry Road
Anchorage, AK 99518

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 05/08

Name of Area Biologist (please print):

Figure 1.

Figure 2

0 0.15 0.3 0.6 0.9 1.2 Miles

ADF&G

MEMORANDUM

State of Alaska
Department of Fish and Game
Division of Habitat

TO: Michael Daigneault
Central Region
Regional Supervisor

DATE: May 20, 2013

PHONE NO: 267-2813

FROM: Will Frost WF
Habitat Biologist

SUBJECT: AKSSF AWC Survey: Afognak Island
May 2013

On May 6 to 8, 2013, I joined Keith Coulter, Koncor, Greg Harris, Afognak Native Corporation (ANC), and Jesse Coleman, Alaska Department of Fish and Game (ADF&G) on Afognak Island for the purpose of sampling waters in the area of proposed harvest activities 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 66-foot riparian retention area protection required under the Forest Resources and Practices Act (FRPA). 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 afternoon of May 6, Ms. Coleman and I drove the 1100 Road to Stream No. 251-82-10057-2005. We used an electrofisher to sample the stream from the end of the specified reach located below a perched culvert in the 1100 Road, upstream about 2,500 linear feet. The stream is located in a future timber harvest unit (Figure 1). We captured about 15 Dolly Varden (40-60 mm fork length (FL)). No juvenile salmon were captured or observed. We located about four tributaries that flow into the stream and located barriers on each stream. Because the culvert is a barrier to fish passage, the ADF&G has required the culvert be removed and a log stringer bridge or log culvert be installed at the same location.

On the morning of May 7, Ms. Coleman, and I drove the 1100 Road to Mallard Creek (Stream No. 251-82-10060). We began sampling at the point where the April 2013, sampling effort ended. At the upper end of the specified reach. We sampled about 4,500 linear feet of the stream (Figures 2 through 4). We captured about 20 juvenile coho salmon 55-90 mm FL (Figures 5 and 6). About 5 Dolly Varden and 40 Sculpin were captured. No length measurements were taken for the Dolly Varden and sculpin. The additional stream reach and juvenile coho salmon will be nominated for update to the Anadromous Waters Catalog.

On the morning of May 8, Ms. Coleman, and I drove the 930 Road to an unnamed lake located at mile post (MP) 8.5. We set four baited minnow traps in the pond. The lake may flow into Stream No. 252-32-10010-2006. The traps soaked about four hours. No fish were captured in the lake. Because of the time constraint, we were unable to walk around the lake to determine

the location of the lake outlet.

We drove the 930 Road to an unnamed lake at MP 7, adjacent to timber harvest unit O54. We set two baited minnow traps at the lake outlet. The outlet of the lake has a 7-foot high beaver dam. We set one minnow trap in the stream below the beaver dam. The traps soaked about four hours. The traps captured stickleback.

We sampled the stream below the lake with an electrofisher. The stream flows over a 4-foot high barrier (Figure 7). The stream below the barrier flows into a pond that is located adjacent to Mary Anderson Bay. There is no outlet from the pond into the bay. The pond is located in Unit O53. Three juvenile Dolly Varden were captured below the barrier. No length measurement was taken for the Dolly Varden. The pond will not require a riparian retention area.

We walked up the shoreline of the bay to an unnamed stream that flows into the bay (Figure 8). The stream is located in Unit O56. We sampled about 1,000 linear feet of the stream (Figure 9). We captured four Dolly Varden (60-90 mm FL). No physical barrier to fish passage was identified in the stream. The ADF&G recommends the stream be provided a riparian retention area.

We drove to Unit O55. Stream No. 252-32-10010-2015 is depicted in the Anadromous Waters Catalog as bisecting the unit. We walked into the unit and mapped the correct location of the stream (Figure 10). We observed juvenile coho salmon in the stream. We walked the stream to Little Afognak Lake (Lake No. 252-32-10010-0020). I used a Garmin hand held GPS to map the correct location of the stream. The correct location of the stream will be nominated for update to the Anadromous Waters Catalog.

The ADF&G is currently planning on returning to Afognak for a sampling effort in June 2013.

Figure 1. Stream located above the specified reach of Stream No. 251-82-10057-2005.

Figure 2. Mallard Creek. View looking upstream.

Figure 3. Sampling Mallard Creek.

Figure 4. Mallard Creek. View looking upstream.

Figure 5. Juvenile coho salmon, Mallard Creek.

Figure 6. Juvenile coho salmon, Mallard Creek.

Figure 7. Barrier in unnamed stream near Unit O53.

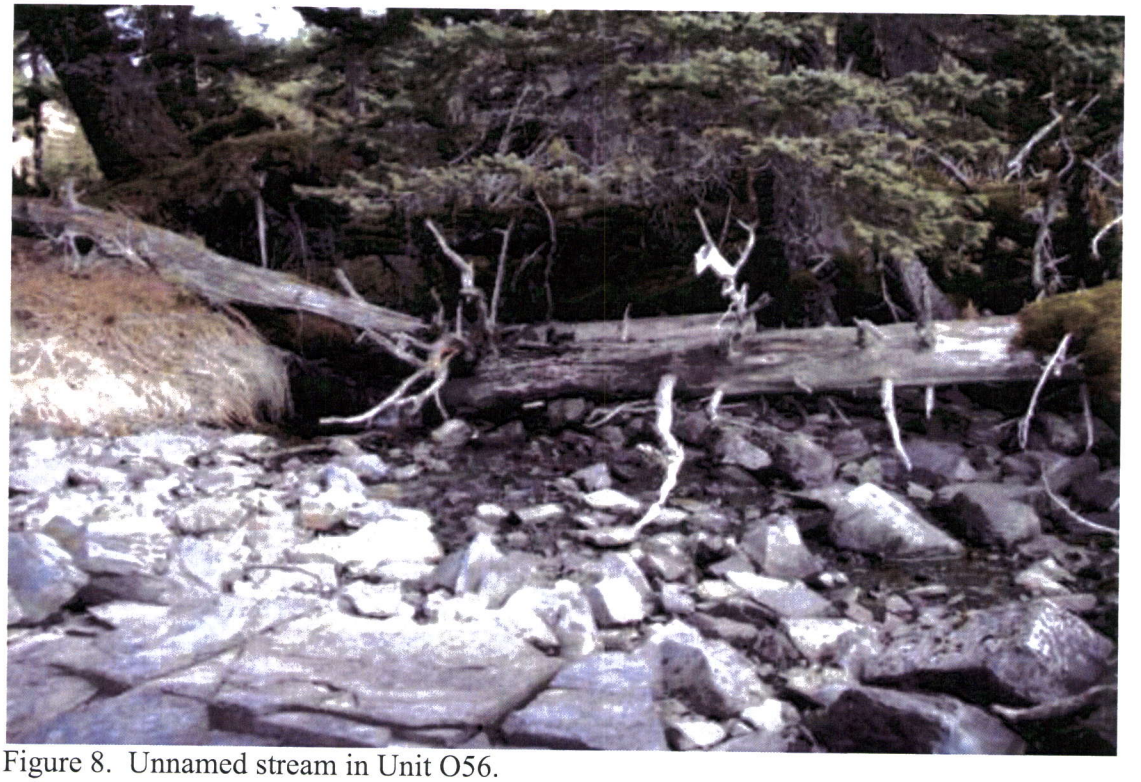
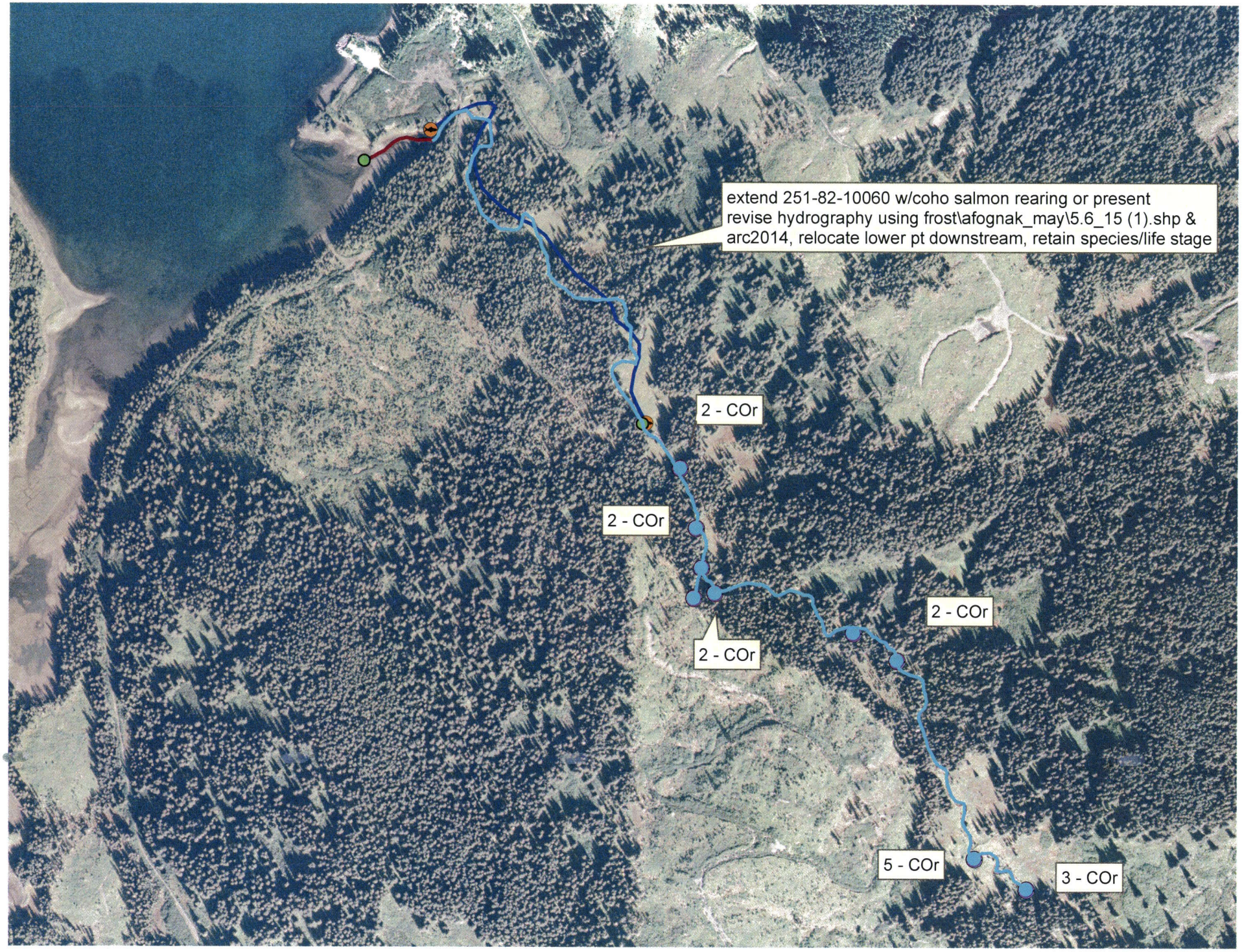


Figure 8. Unnamed stream in Unit O56.

Figure 9. Sampling stream in Unit O56.

Figure 10. Stream No. 252-32-10010-2015. View looking upstream.

cc: S. Schrof, ADF&G
L. Van Daele, ADF&G
D. Tracy, ADF&G
A. Ott, ADF&G
C. Curtis, ADF&G
K. Hanley, ADEC
J. Winters, ADOF
B. Cassidy, KIB
B. Scholze, KIB
K. Coulter, Koncor
G. Harris, ANC


extend 251-82-10060 w/coho salmon rearing or present
revise hydrography using frost\afognak_may\5.6_15 (1).shp &
arc2014, relocate lower pt downstream, retain species/life stage
2 - COr
2 - COr
2 - COr
2 - COr
5 - COr
3 - COr