

State of Alaska  
 Department of Fish and Game  
 Nomination for Waters  
 Important to Anadromous Fish

AWC Volume SE SC SW W AR IN USGS Quad AFOGNAK A-3

Anadromous Water Catalog Number of Waterway 251-20-10020

Name of Waterway \_\_\_\_\_ USGS name \_\_\_\_\_ Local name \_\_\_\_\_

Addition \_\_\_\_\_ Deletion \_\_\_\_\_ Correction X Backup Information \_\_\_\_\_

For Office Use

|  |                     |                 |
|--|---------------------|-----------------|
| Nomination # <u>95 286</u>             | <u>Frank Jolly</u>  | <u>12/23/94</u> |
| Revision Year: <u>-95</u>              | Regional Supervisor | Date            |
| Revision to: Atlas _____ Catalog _____ | <u>Ed Wein</u>      | <u>12/13/94</u> |
| Both <u>X</u>                          | <u>J. Inoue</u>     | <u>12/27/94</u> |
| Revision Code: <u>D-1 E9</u>           | Drafted             | Date            |

OBSERVATION INFORMATION

| Species     | Date(s) Observed | Spawning | Rearing | Migration | Anadromous |
|-------------|------------------|----------|---------|-----------|------------|
| <u>PINK</u> | <u>11/9/94</u>   | <u>✓</u> |         |           |            |
| <u>COHO</u> | <u>"</u>         | <u>✓</u> |         |           |            |
|             |                  |          |         |           |            |
|             |                  |          |         |           |            |

**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 any other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

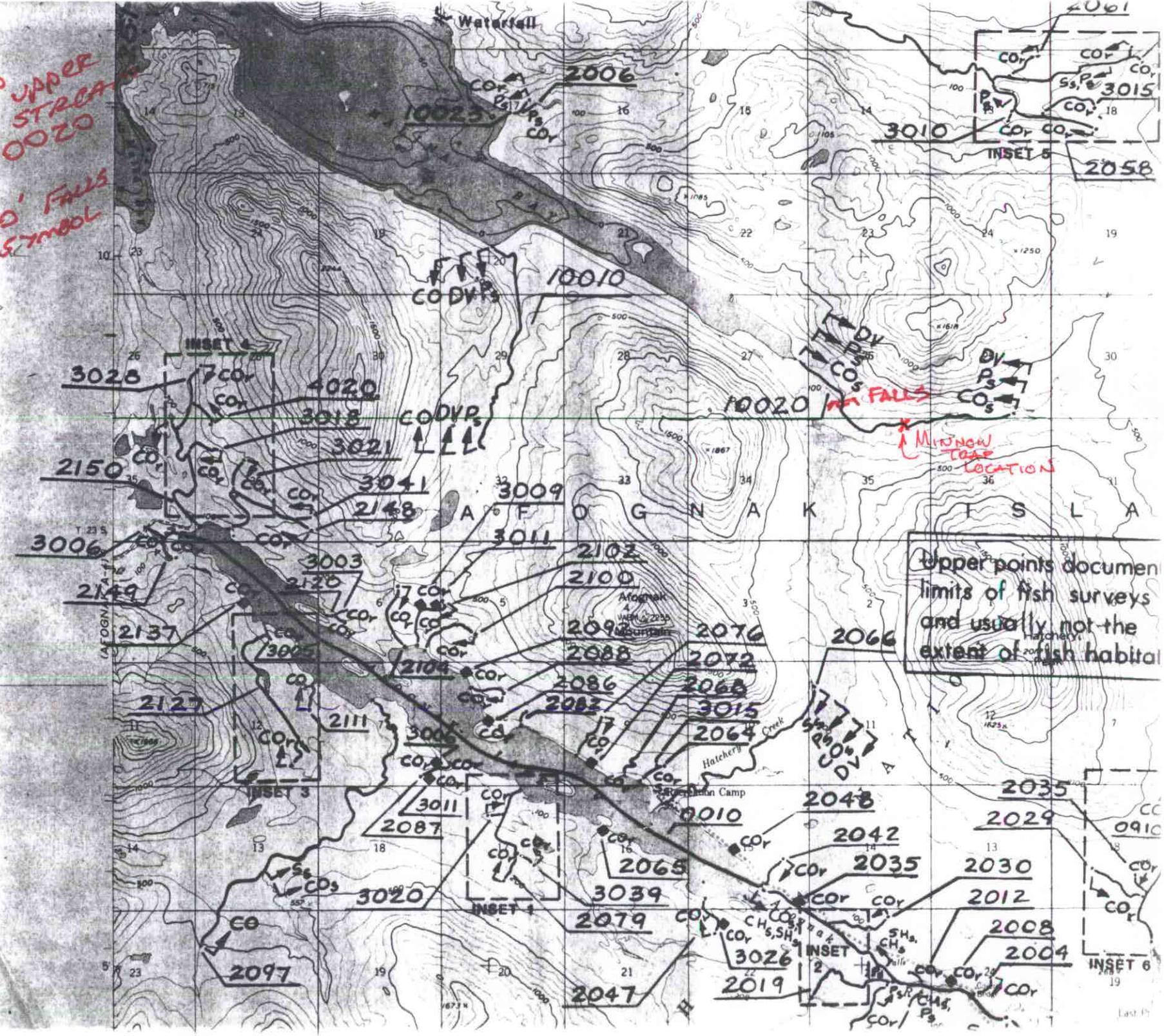
Comments: A BLOCKAGE TO FISH PASSAGE WAS OBSERVED DURING A FOREST PRACTICES FIELD INSPECTION. A ~ 20' FOOT FALLS/SHOOT (SEE ATTACHED PHOTOS) IS LOCATED APPROXIMATELY 1/2 MILE ABOVE MALINA BAY (SEE USGS 1:63,360 AND AERIAL PHOTO). ADULT PINK & COHO CARCASSES FREQUENTLY OBSERVED BELOW FALLS - NONE ABOVE. MINNOW TRAP ABOVE FALLS CAPTURED NO FISH. SEE ATTACHED MEMO.

Name of Observer (please print) MICHAEL KLIEDMER, HABITAT BIOLOGIST  
 Date: 12/13/94 Signature: MICHAEL KLIEDMER  
 Address: ADF&G, HABITAT & RESTORATION DIVISION  
333 RASPBERRY RD. ANCHORAGE

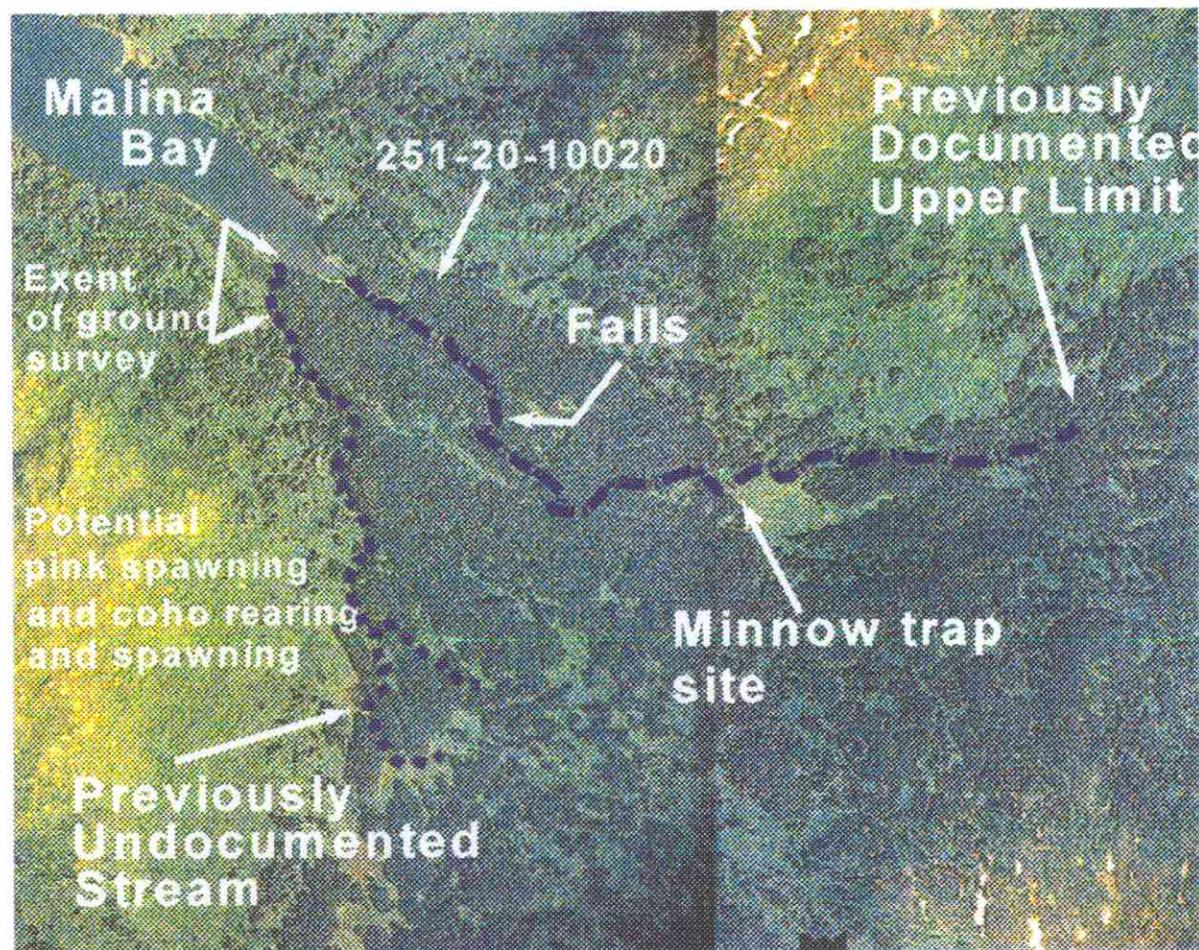
This certifies that in my best professional judgement and belief the above information is evidence that this waterbody should be included in or deleted from the Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes per AS 16.05.870.

Signature of Area Biologist: \_\_\_\_\_

SHORTEN UPPER  
DELETE STRAIN  
PORTION of  
251-20-10020  
ADD 20' Falls  
ASymbol  
A-3



Upper points document  
limits of fish surveys  
and usually not the  
extent of fish habitat



**MALINA BAY, AFOGNAK ISLAND. NOMINATION TO CORRECT STREAM 251-20-10020.  
RESULTS OF GROUND SURVEY, NOVEMBER 9, 1994**

# MEMORANDUM

# State of Alaska

DEPARTMENT OF FISH & GAME

**TO:** Wade Wahrenbrock  
Forest Practices Forester  
Division of Forestry  
Department of Natural  
Resources

**FROM:** Michael Wiedmer *M. Wiedmer*  
Habitat Biologist  
Region II  
Habitat and Restoration Division  
Department of Fish and Game

**DATE:** November 15, 1994

**PHONE:** (907) 267-2284

**FAX:** (907) 349-1723

**SUBJECT:** Field Trip Report;  
November 9, 1994  
Inspection of  
Afognak Native  
Corporation's Timber  
Harvest Operation

The Alaska Department of Fish and Game (ADF&G) participated in a November 9, 1994 Forest Practices inspection of Afognak Native Corporation's timber harvest operation on Afognak Island. Personnel on the inspection were: Wade Wahrenbrock, Division of Forestry; Gary Saupé, Department of Environmental Conservation; David Nesheim, Afognak Native Corporation; and Michael Wiedmer, ADF&G.

The inspection evaluated, prior to timber harvest, the anadromous fish distribution in an unnamed stream draining into the head of Malina Bay (stream mouth in E.  $\frac{1}{2}$ , E.  $\frac{1}{2}$  Section 27, T. 23 S., R. 22 W., S.M.). The lower 2 miles of this stream (251-20-10020) had been specified anadromous in the current Anadromous Waters Catalog.

Near the mouth we observed numerous carcasses of both pink and coho salmon and associated signs of bear feeding. However, slightly more than one half mile upstream from the mouth, our ground inspection revealed a previously undocumented blockage (falls) to anadromous fish migration (see attached map).

Upstream of the blockage we observed no carcasses and substantially less bear sign. Additionally, in an area upstream of the blockage in an area reported to support coho salmon and anadromous Dolly Varden, the ADF&G placed in high quality salmonid rearing habitat a salmon roe-baited minnow trap. No fish were captured after thirty minutes. These observations suggest that this stream does not support anadromous fish upstream of the identified falls. We have submitted a nomination to delete from the Anadromous Waters Catalog that portion of the stream upstream of the falls.

Because of the lengthy review period required for changes to the Catalog, these changes probably will be reflected in the 1995 catalog. In the interim, however, neither timber harvest nor road construction will be unnecessarily restricted. The

*and  
Dmc*

upstream portion of the stream does not support anadromous fish and the ADF&G will evaluate timber harvest proposals accordingly.

The ADF&G also surveyed a stream that flows into Malina Bay approximately 300 yards west of the previously described stream. This stream does not appear on the USGS 1:63,360 topographic map nor does it appear in ADF&G's Anadromous Waters Catalog. However, our inspection revealed numerous pink salmon carcasses along the lower quarter mile. Because of time constraints, we were unable to establish the upper limit of anadromous fish distribution in this stream. The observed stream characteristics suggest that the habitat is suitable as well for spawning and rearing coho salmon. We suggest that we resurvey this stream next summer to accurately evaluate anadromous fish distribution.

Proposed harvest unit Lina 6 borders this stream. We suggest flagging the unit boundaries when snow conditions allow accurate identification of stream courses and after a fish survey establishes the full extent of anadromous fish distribution.

If you have any questions regarding our comments or recommendations, please contact me at 267-2284.

Attachment

cc: P. Olsen, ANC  
L. Schwarz, ADF&G  
L. White, ADF&G  
P. Probasco, ADF&G  
R. Smith, ADF&G  
G. Saupé, DEC