

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 BLYING SOUND D1 & D2

Anadromous Water Catalog Number of Waterway 227-30-17790

Name of Waterway NELLIE MARTIN USGS name X Local name _____

Addition X Deletion _____ Correction _____ Backup Information _____

For Office Use

Nomination # <u>95 013</u>	<u>[Signature]</u>	<u>11/14/95</u>
Revision Year: <u>95</u>	Regional Supervisor	Date
Revision to: Atlas <u>X</u> Catalog _____	<u>Ed Weir</u>	<u>12/14/94</u>
Both _____	<u>J. Inoue</u>	<u>12/22/94</u>
Revision Code: <u>B-1</u>	Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
_____	8/28-29/91	✓			
<u>DOLLY VARDEN</u>	<u>8/28 " 8/29</u>	<u>?</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: _____

This creek was sampled by hook and line by an ADF&G three person crew. It was one of 28 streams that were sampled during 1991 in an effort to determine size distribution and catch rates of Dolly Varden and cutthroat trout in streams not in the oil spill area. At this creek 11 adult Dolly Varden were caught. One of the fish caught had been previously caught and tagged at weir at Rocky Bay Creek during the spring outmigration in 1991.

Name of Observer (please print) Suzanne McCarron
 Date: 7-5 94 Signature: [Signature]
 Address: 8044 Country Meadows Circle
Anchorage, AK 99502

ALASKA DEPT. OF FISH & GAME
 JUL 05 1994
 REGION II HABITAT AND RESTORATION DIVISION

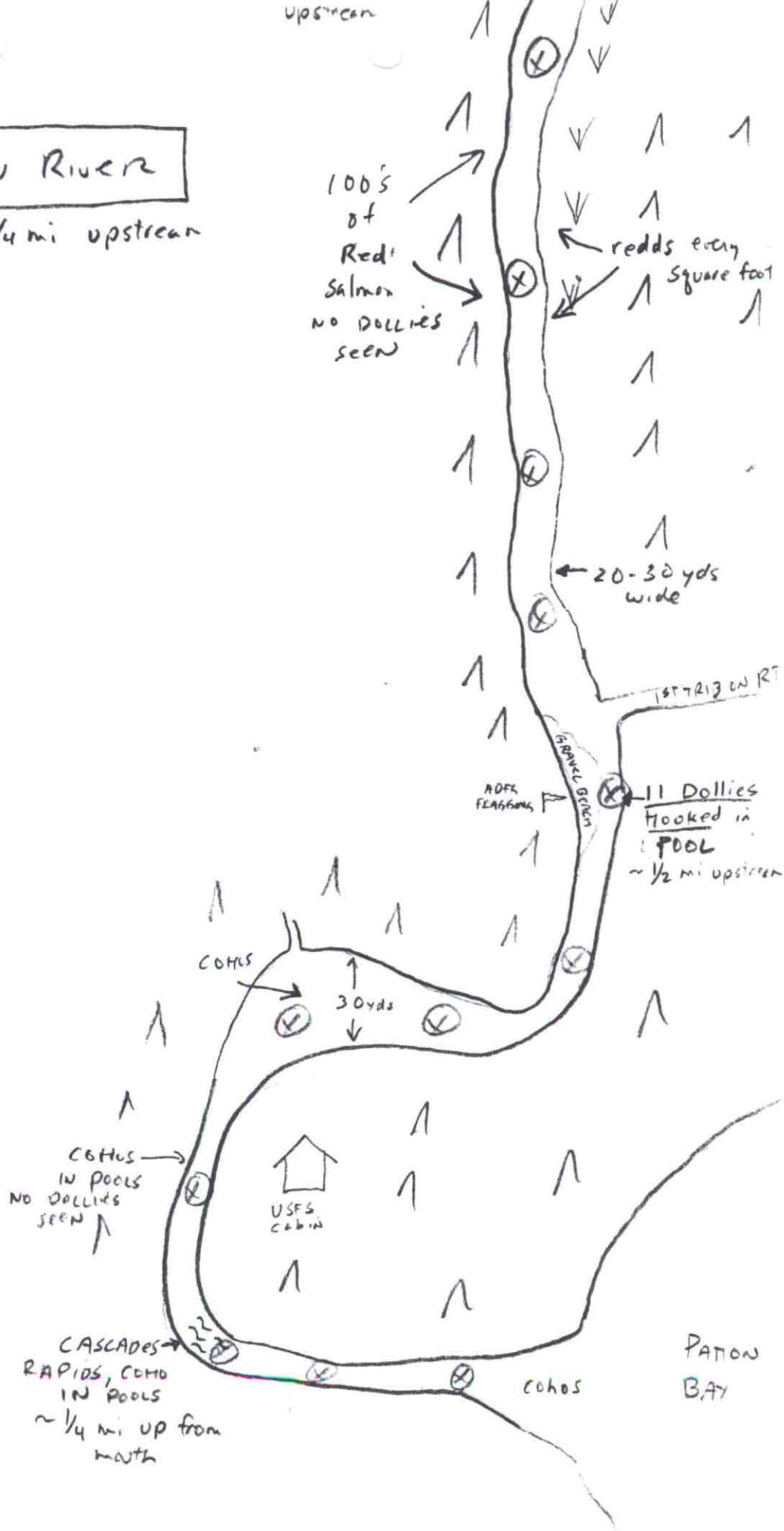
This certifies that in my best professional judgement and belief the above information is evidence that this waterbody should be included in or deleted from the Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes per AS 16.05.870.

Signature of Area Biologist: [Signature] Rev. 7/93

NELLIE MARTIN RIVER

Survey to ~ 1/4 mi upstream
8/28 - 8/29/91

⊗ AREAS FISHED



ZONE 3 STREAMS TRIP REPORT

Nellie Martin River, 8/28-29/91

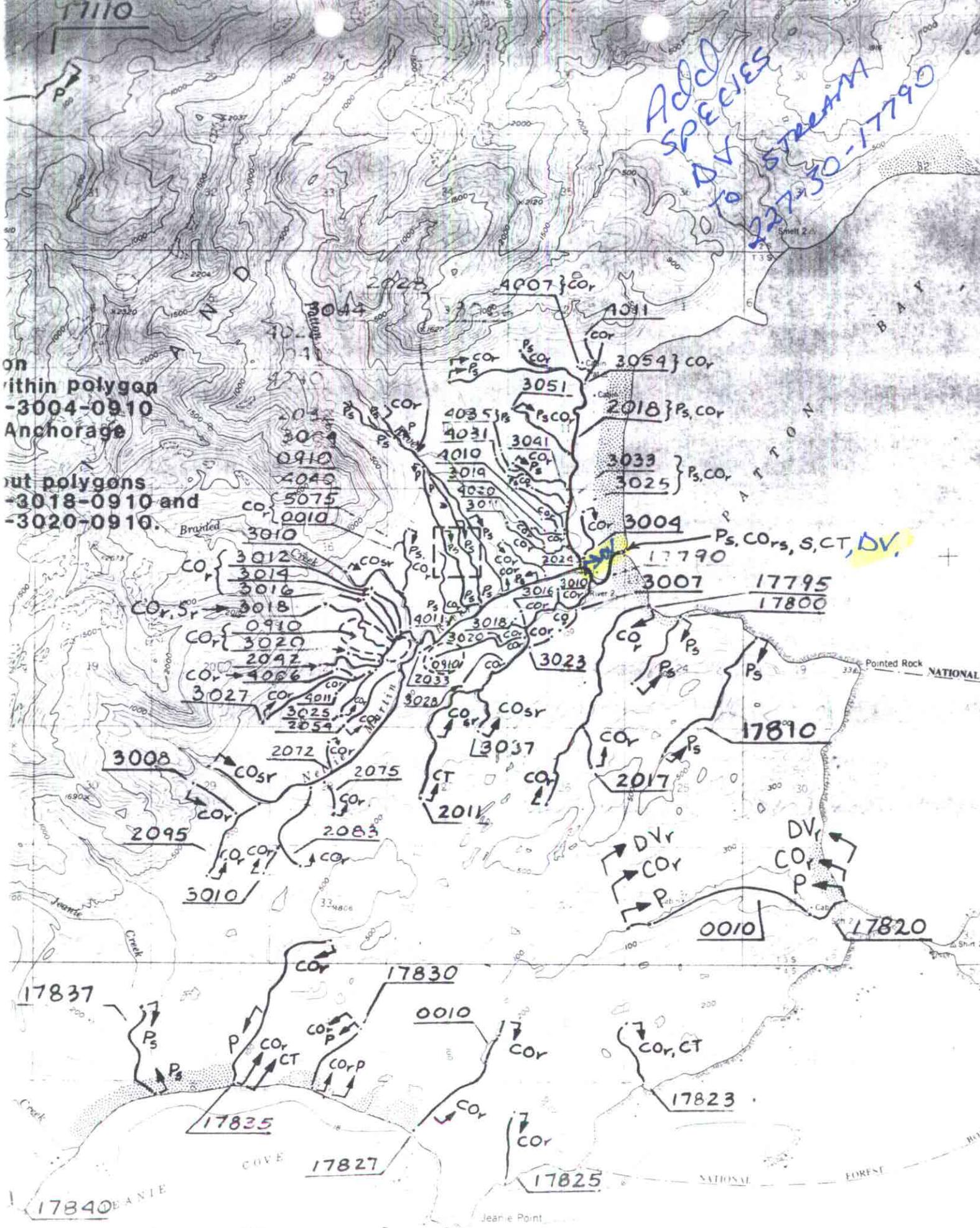
David Saiget, Sarah Keown, Konrad Mittelstadt

A wide, medium flowing river with long sections of glides and runs between areas of riffles. Ten to fifteen foot channel depths (at high tide) and a section of cascades with trench pools in the estuary offered good fishing for silvers and pinks. Stream widths 20-30 yds downstream and widening to 40-50 yds with 6"-36" depths 1 1/2 miles upstream. Pool depths to 8' but numbers of good fishing pools decreased further upstream. Good spawning substrate through out the 1&1/2 miles surveyed with some areas showing pink salmon redds every square foot. Wide banks, good gravel bars and beaches, and few snags. Fair to poor Dolly fishing, and limited to pools. No Dollies seen outside of pools. Eleven Dollies hooked on lures, bait, and flies from one corner pool 1/2 mile upstream; lengths from 269mm-340. Hundreds of silvers, thousands of pinks. Beach seining possible with several seines, weir site feasible. Heavy angling pressure (for silvers) with forest service cabin and airstrip nearby and low tide landings on beach. A popular flying destination spot with many anglers coming from Anchorage, Seward, Homer, and Cordova.

Macloud Creek, 8/21/91

David Saiget, Konrad Mittelstadt

This creek, accessible by boat or float plane, empties into MaCloud Harbor from the NW side of the bay. This stream has clear water, deep pools, and wide flat beaches for good spinning and fly fishing. Good mooring for large boats exist in the bay. Stream widths from 10-20 yards and depths from 6" in runs to 6 feet in pools. Many stream braids and gravel bars on a gravel substrate in the 1/3 mile of the creek surveyed. Two anglers with 4 hours of effort each tagged a total of 7 Dollies plus 1 recap; lengths ranged from 372-443mm. All were caught on flies and lures but bait (eggs) was not used. Several 20"+ Dollies were spotted in a small tributary with dense overhanging vegetation and a deep cutbank where sampling was not possible. A few large Dollies were also spotted in pools in the main channel and schools of Dollies of never more than 10 in number were observed in 4-5 different areas. Fishing was generally spotty and we would have to keep moving further upstream to find new Dollies. A USFS stream habitat crew surveying up to a mile further upstream during the same time as our sampling reported seeing no other schools of Dollies; however the presence of particularly large sizes of Dollies in the stream may indicate this as a potentially good Dolly Varden stream and that



ADD SPECIES TO DV STREAM 22730-17790

on within polygon -3004-0910 Anchorage

cut polygons -3018-0910 and -3020-0910.

Ps, COrs, S, CT, DV.

17840 JEANIE COVE

Jeanie Point

NATIONAL FOREST

Pointed Rock NATIONAL FOREST

17820

17810

17795
17800

3007

3004

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3025

2018

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4007

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0910

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