State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Fish Distribution Database

Region: SOUTHWEST

USGS Quad: FALSE PASS D-5

Fish Distribution Database Number of Waterway: 311-60- 10400 - 2006 2008

Name of Waterway: ☐ USGS Name ☐ Local Name

☑ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

Nomination #	04 343		2-24-05
Revision Year:	2006	Fisheries Scientist	2/24/05 Date
Revision to:	Atlas ____ Catalog ____ Both X	FDD Project Biologist	12-21-04 Date
Revision Code:	A-2	Drafted	4/8/05 Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Chum	4/7/2004	X	X		☑
Coho	4/7/2004		X		☑
Dolly Varden	4/7/2004			X	☐
Ninespine Stickleback	4/7/2004			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 mainstem and 4 tributaries as noted on attached aerial map. Sampling is summarized in attached memo to ADOT. Additional comments are included on aerial. Recently emerged YOY chum fry present plus many jaw bones, gill plates, etc. present on banks indicate spawning. Map denotes limits based on actual captures or observations. Nine rearing coho captured in traps 1 & 2, rearing habitat present in tributaries, no blockages present; rearing coho probably present in tributaries also. Mainstem and tribs all groundwater and spring fed gravel bottoms. One ninespine stickleback hand dipped. Hundreds of YOY chum observed visually, Dolly Varden visual observation at trap site one, not confirmed.

add new streams w/ COR CHSR

Name of Observer (please print): Edward W. Weiss

Signature: _____ Date: 11/1/2004

Address: Habitat Biologist, ADNR - OHMP
550 W. 7th Avenue, Suite 1420, Anchorage, AK 99501

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 Fish Distribution Database.

Signature of Area Biologist: _____

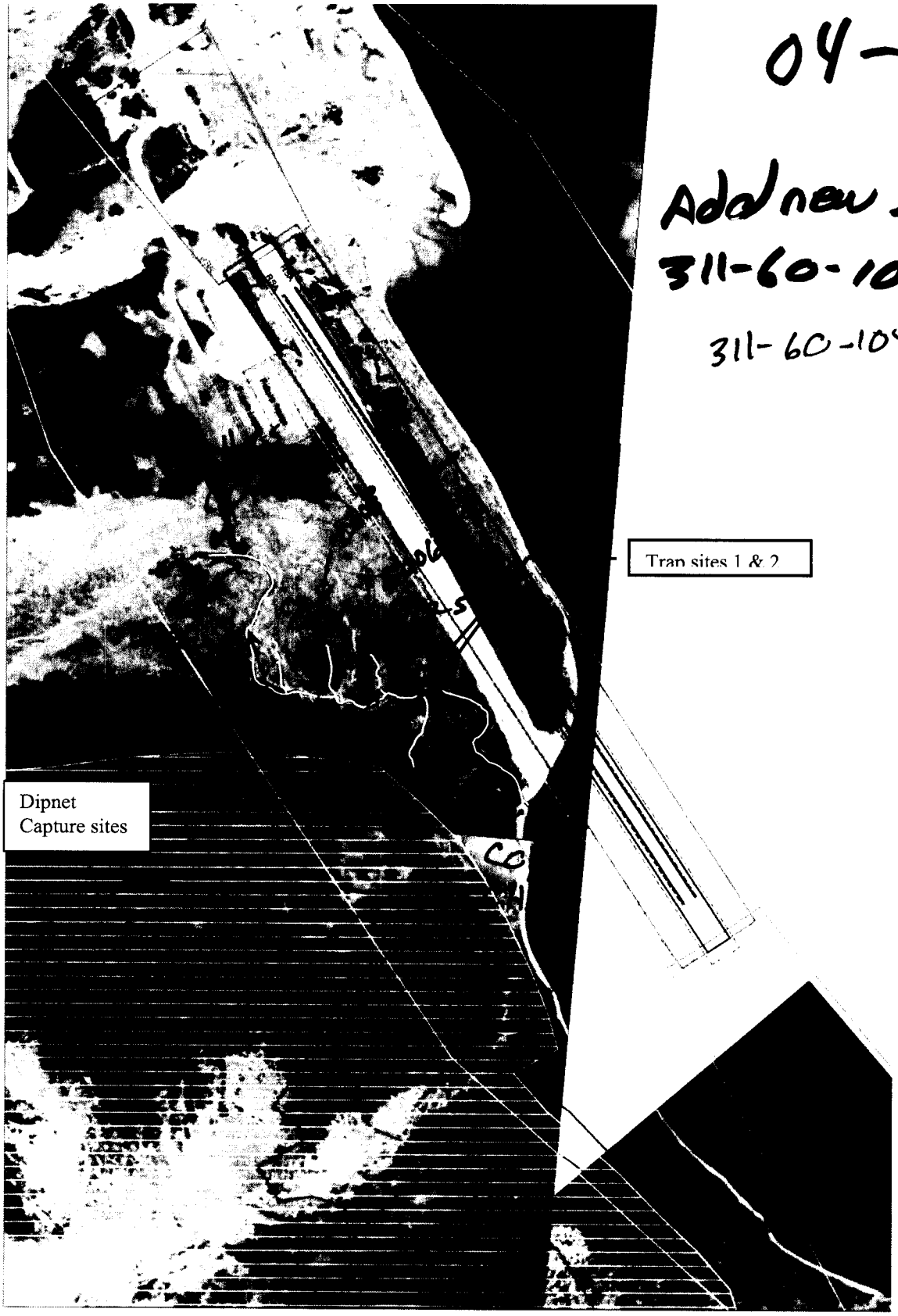
Name of Area Biologist (please print):

Revision 04/03

04-343

Add new stream
311-60-10400

311-60-10400-2006
2008



Rotate Runway Alignment 5°

(A-I, dashed lines show B-II)

False Pass Airport

Photo Date:
September 14, 2003

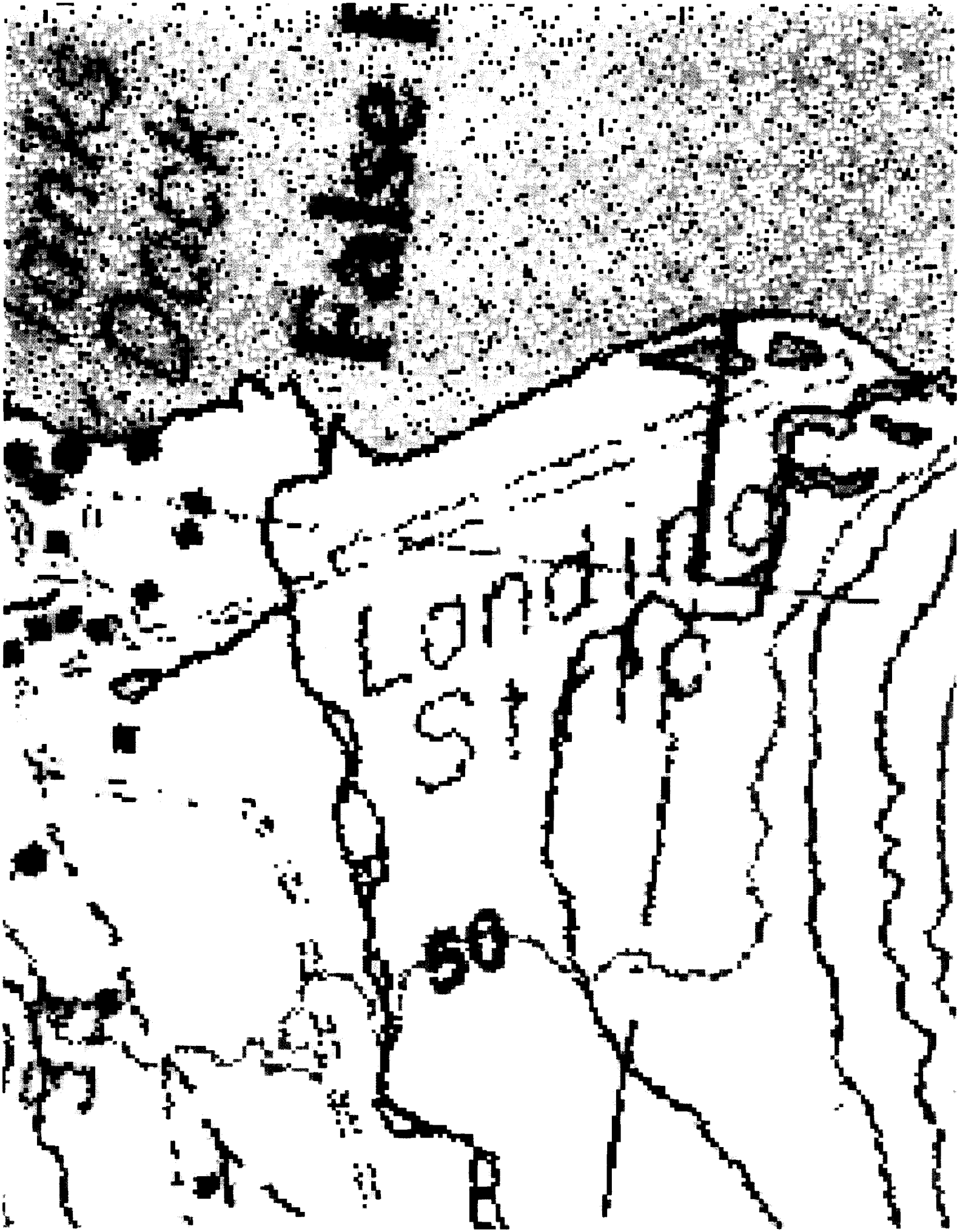

Landing
Strip
50

Figure 2. Chum Fry near upper extent of survey

Figure 3. Coho Fry from trap site 2

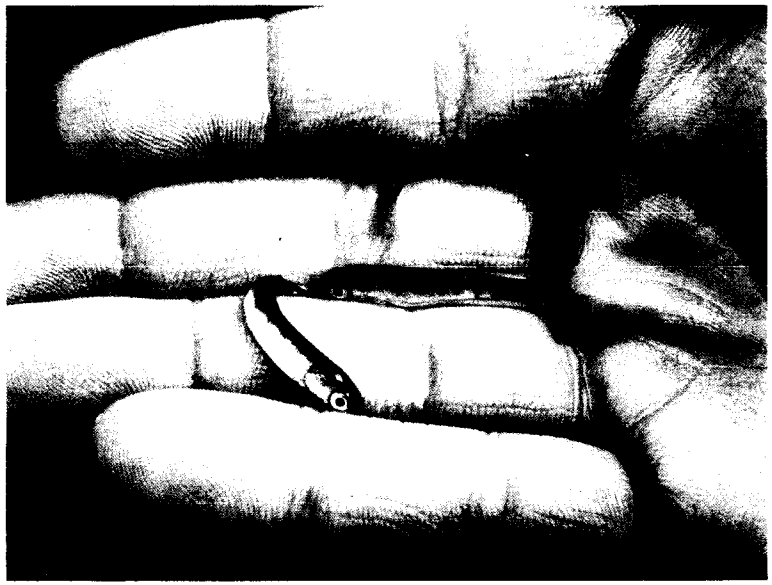


Figure 4. Chum Fry dipped near Trap site 2.

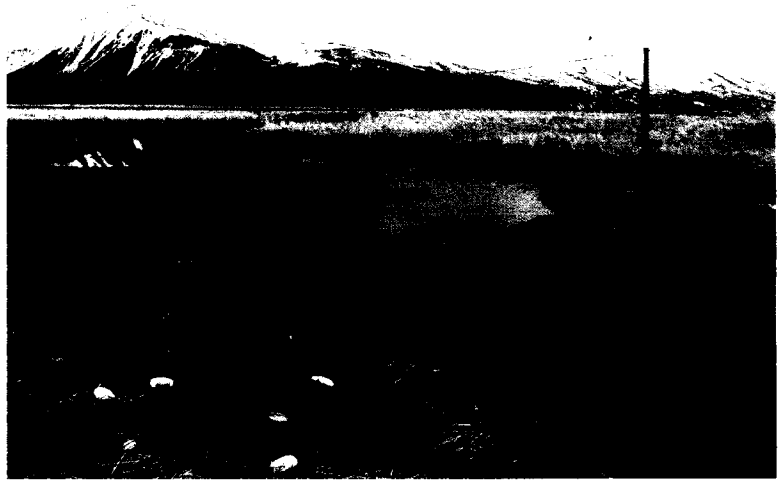
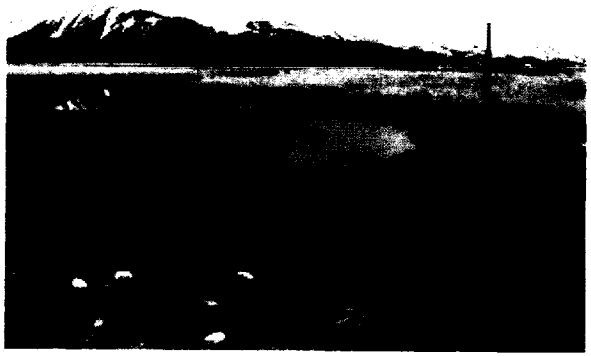


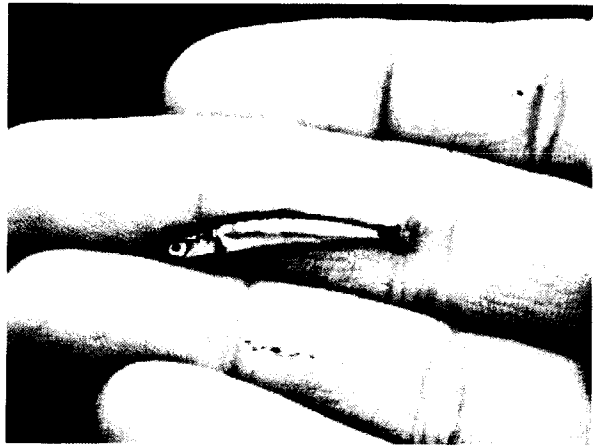
Figure 5. Trap site one, just above tidal portion.

False Pass Photos



PICT0001.JPG

PICT0002.JPG



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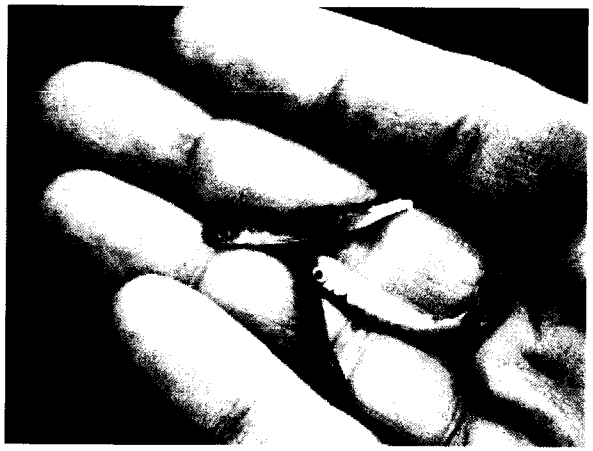

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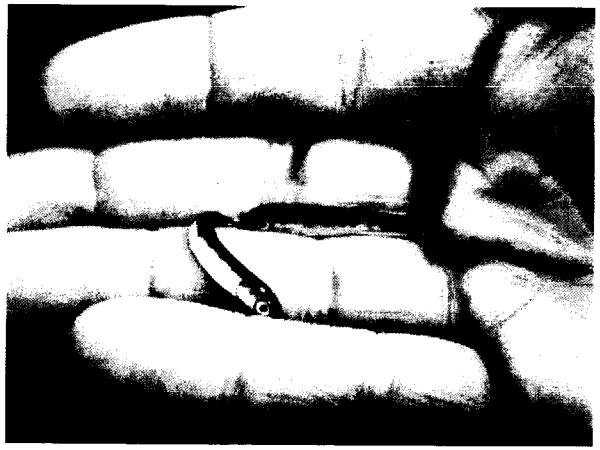

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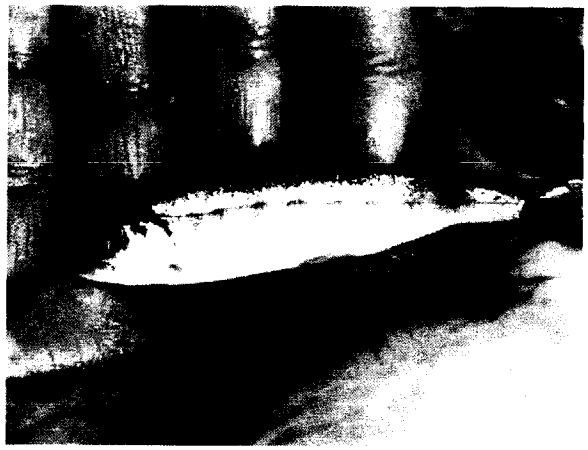
False Pass Photos



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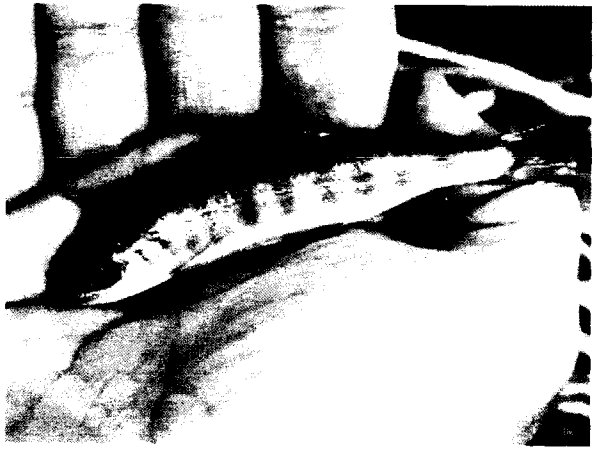

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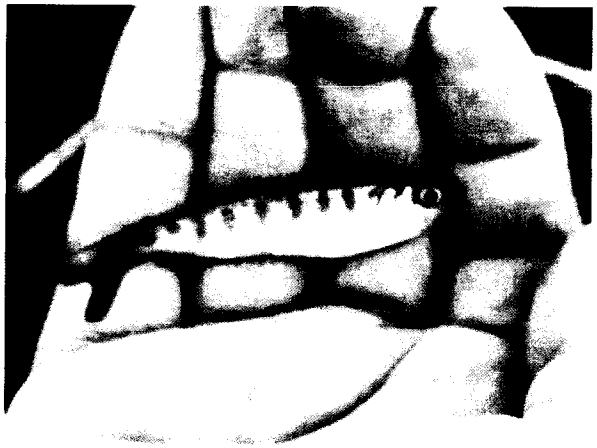

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4/6/04

ADOT FALSE PASS / COLD BAY TRIP.

✓ in 10:55 AM
FLT 245 TO COLD BAY 11:55
AR: COLD BAY 1430
DEPART for FALSE PASS 15:05
ARRIVE " " 15:25

AIRPORT INSPECTION.
Shrike w/ 3? shrew @ runway.

PER LOTTA STREAM @ N END RUNWAY
Usually Dry this time of year.
Flows gang bosters when melts
Pinks ascend stream
Stream Dry @ bridge @ time
of visit.

Old Corrow area to East of
Runway connected to sea
Shallow, gravel cobble base 1? dock
on pond, 1/2 ice

WPT 237 SET A PHOTO 1 D.S. view
1g. school of sm. fish @
location 1 lger 9 spine stickle
back [illegible] by hand
Trap set 1600 Pull 1654
8 coho [illegible] 13-14
PHOTOS 2-5 Hand Dipped Yoy @ Feeder 1
TRAP 6 set WPT 238 Pulled 1645 (1 Co)
Photo 10 Fish School of lger fish
Jaw Bones in trap w/ [illegible]
Good Spawning @ site on bank
Stream shallow gravels
6-8 wide. 8" - 12" @ Other

WPT 239 100's of YOY Hand Dipped
6+ Photos 6-7

3 Small Feeders [illegible] N below
here All full of YOY fish
Photos 3-5 on 1st

1 FL

YOY ck

Jaw Bones below 2nd feeder
WPT 240 upper end of curv
stream ephemeral above 239
hundreds of YOY fish in
stranded pools. Photos 8 & 9
@ 240

Feeder 3 mouth 241 upper 242
" 2 " 243 spring 244
" 1 " 245 " 246

Pair Belted Kingfishers along stream
2 1mm Bald Eagle
@ Runway
1 Shrike

S. side feeder, mouth @ trap
[illegible] terminates @ base of
bluff in pond. YOY fish
in pond. Red Fox @ pond

WPT 248 mouth of stream tide
flowing in. Photo 16
Photo 15 a little above
mouth in estuary area

CONT.

Outlet of Borrow pond blocked by beach
berm. Pond shallow no life signs
prob. Freezes to bottom.

Beach front has plenty of Green Sea
Urchin shells, mussel shells.
Urchin shells eaten & up in grass
All over the place some
SCAT, OTTER, FOX ??

WPT 249 Bridge End Track Log
PHOTOS View upstream from Bridge
View of Bridge [illegible]

LV: False Pass 1900

4/7

0700 - 1000 PERMIT DRAFTS
1000 - 1030 BRUNCH
1030 - 1300 Meet w/ Airport staff, Cross
wind runway inspection.
1300 @ Airport
≈1430 Take off for Anch.

MEMORANDUM

STATE OF ALASKA

Department of Natural Resources
Office of Habitat Management & and Permitting

TO:	Allen Kemplen Area Planner ADOT/PF Central Region Planning	**DATE:**	July 28, 2004
		TELEPHONE:	269-5901
		FAX:	269-5673
FROM:	Ed Weiss Habitat Biologist OHMP	**SUBJECT:**	False Pass Airport Trip Report & Comments

Per our discussions in the field on April 7, 2004 please accept the following as a trip report and initial scoping comments / concerns for the False Pass Airport Improvements project.

As you know we departed Anchorage at approximately 11:55 a.m. on April 7, 2004 and arrived in False Pass at approximately 15:25, after a brief stop over in Cold Bay to obtain a charter flight. After arriving in False Pass and obtaining a vehicle Rae DeLey (ADOT/PF) and myself conducted a field review of environmental conditions at the airport while project management staff conducted the public meeting. The following are my observations from the onsite visit.

My primary concern was with the stream that flows along the southwest edge of the current runway. Consequently most of my time there was spent at the stream. The stream flows from the uplands to the west of the southern half of the runway, along the base of the bluff WSW of the runway, then meanders roughly parallel to the runway for several hundred feet then enters Isanotski Strait at the southern end of the runway.

Upon arriving at the stream, adjacent the runway, young of the year (YOY) juvenile fish were readily apparent in good numbers. Hand net dipping confirmed these young of the year juveniles to be chum salmon. Ninespine sticklebacks were also caught. The stream was walked approximately ¼ mile from it's mouth to a point where it became intermittent. Three short spring fed tributaries to the stream were also checked along the north side of the stream. Throughout the streams length, in pools within the intermittent section and within the tributaries; schools of hundreds of YOY chum salmon were observed. Periodic dip net sampling was conducted to confirm species. In addition to the dip net sampling baited minnow traps were set at two locations along the stream, which also confirmed the presence of rearing coho salmon. A couple larger fish, most likely Dolly Varden, were observed darting from the pool. In addition to the YOY juvenile chum salmon caught or observed at the site numerous chum salmon jaw bones, as well as other bone structures, were observed along the banks of the stream, indicating the presence and use by spawning chum salmon. The stream channels surveyed and capture sites are depicted in Figure 1. A sample of the fish captured or observed is presented in Figures 2 – 5.

The stream has excellent spawning and rearing habitat in the area of the airport. Numerous springs and areas of upwelling ground water appear to provide a consistent supply of water even as portions of the drainage upstream are dry. Stream substrates were primarily gravel of a favorable size and nature for

salmonid spawning. In addition to the spawning and rearing habitat the lower portion of the stream, from it's mouth to approximately 75 yards upstream, consisted of a large intertidal lagoon or pool. While this portion of the river did not contain spawning substrate it represents a deep estuarine lagoon which provides juvenile fish with their first exposure to the increased saline conditions found in the ocean and it is here that they begin acclimation to the marine environment. The existing runway abuts the edge of this lagoon and the streams mouth at the runway's southern end.

Overall the stream should be considered important habitat. Impacts to the stream, wetlands or ground water flows adjacent to the stream should be avoided. Other wildlife noted at the site included Belted Kingfishers, immature Bald Eagles, northern shrike and red fox.

Alternatives C or D both shift the runway seaward away from this stream and are preferable from the standpoint of maintaining the important habitat this stream provides. Alternative D shifts the entire runway 300 feet seaward thus providing the most protection for the stream. However, this would also then involve a larger fill into Isanotski Strait, which would necessitate evaluation of marine shoreland impacts. Alternatives C & D would also include the filling of a couple shallow ponds that appear to be old material extraction sites on the east side of the runway. While a few waterfowl were setting in these ponds, they did not appear to represent valuable habitat in that they appeared devoid of any plant, fish or invertebrate life and are not connected to the sea.

OHMP will be submitting paperwork to add the stream system to the *Catalog of Waters Important for the Spawning, Rearing or Migration of Anadromous Fishes*. It is expected that by the time construction begins an ADNR OHMP Fish Habitat Permit will be required for any activities that would be conducted below the ordinary high water level of the stream. In addition, a Fish Habitat Permit would also be required if any project related activity could affect the free, unhindered movement of fish in any stream.

We appreciate the opportunity to comment and look forward to working with you as the process continues. Please contact me at (907) 269-5901 if you have further questions or need assistance with these permits.

Cc: W. Dolezal, ADF&G
J. D. Johnson, ADF&G
A. Shaul, ADF&G
A. Rappaport, USFWS