

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 Fairbanks C-1

Anadromous Water Catalog Number of Waterway 334-40-11000-2490-3315-4009-5020

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

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

For Office Use

Nomination # <u>97 052</u>	<u>[Signature]</u>	<u>12-3-96</u>
Revision Year: _____	Regional Supervisor	Date
Revision to: Atlas _____ Catalog _____	<u>Ed Wain</u>	<u>4/25/97</u>
Both <input checked="" type="checkbox"/>	_____	_____
Revision Code: <u>A-2</u>	Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
<u>Chum salmon</u>	<u>Aug 28 - Sept 2, 1994</u>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>

**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: Observed by Dennis Dauble and staff while conducting fish and benthic sample from French Creek immediately downstream from Quarry Rd. bridge on Eielson Air Force Base.  
Photograph documentation requested from observers files.

Name of Observer (please print) Dennis Dauble ALASKA DEPT. OF FISH & GAME  
 Date: 10/24/94 Signature: [Signature]  
 Address: 1300 Colgan Rd Fairbanks, Ak 99701 HABITAT 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] 12/3/96 Rev. 7/93



**Battelle**

Pacific Northwest Laboratories  
Battelle Boulevard  
P.O. Box 999  
Richland, Washington 99352  
Telephone (509) 376-3631

October 18, 1994

Mike Doxey  
Sport Fish Division  
Alaska Department of Fish and Game  
1300 College Road  
Fairbanks, AK 99701

Dear Mike:

We had a successful sampling trip for our ecological risk assessment study at Eielson AFB, August 28-September 2. We collected fish, aquatic vegetation, and aquatic macroinvertebrates from each of 8 sites on or near Eielson AFB, and from 1 site in the Chatanika River. I appreciate your assistance in helping us define the study locations and for loaning the fyke nets.

You might be interested in the occurrence of chum salmon spawning in French Creek. We observed one post-spawning male near a redd and several spawned-out carcasses about 50 yds downstream of the quarry road bridge, just north of the base firing range. Fish ranged from about 24-28 in. long. There were 3-4 redds in a riffle/run downstream of this bridge. Several salmon eggs were inadvertently excavated from one redd while staff were trying to collect benthos. Bottom type in this area consisted mainly of coarse gravel, with some cobble and sand. I have pictures of one of the salmon plus a redd on file if you would like it for documentation. The enclosed map shows the approximate location.

Sincerely yours,

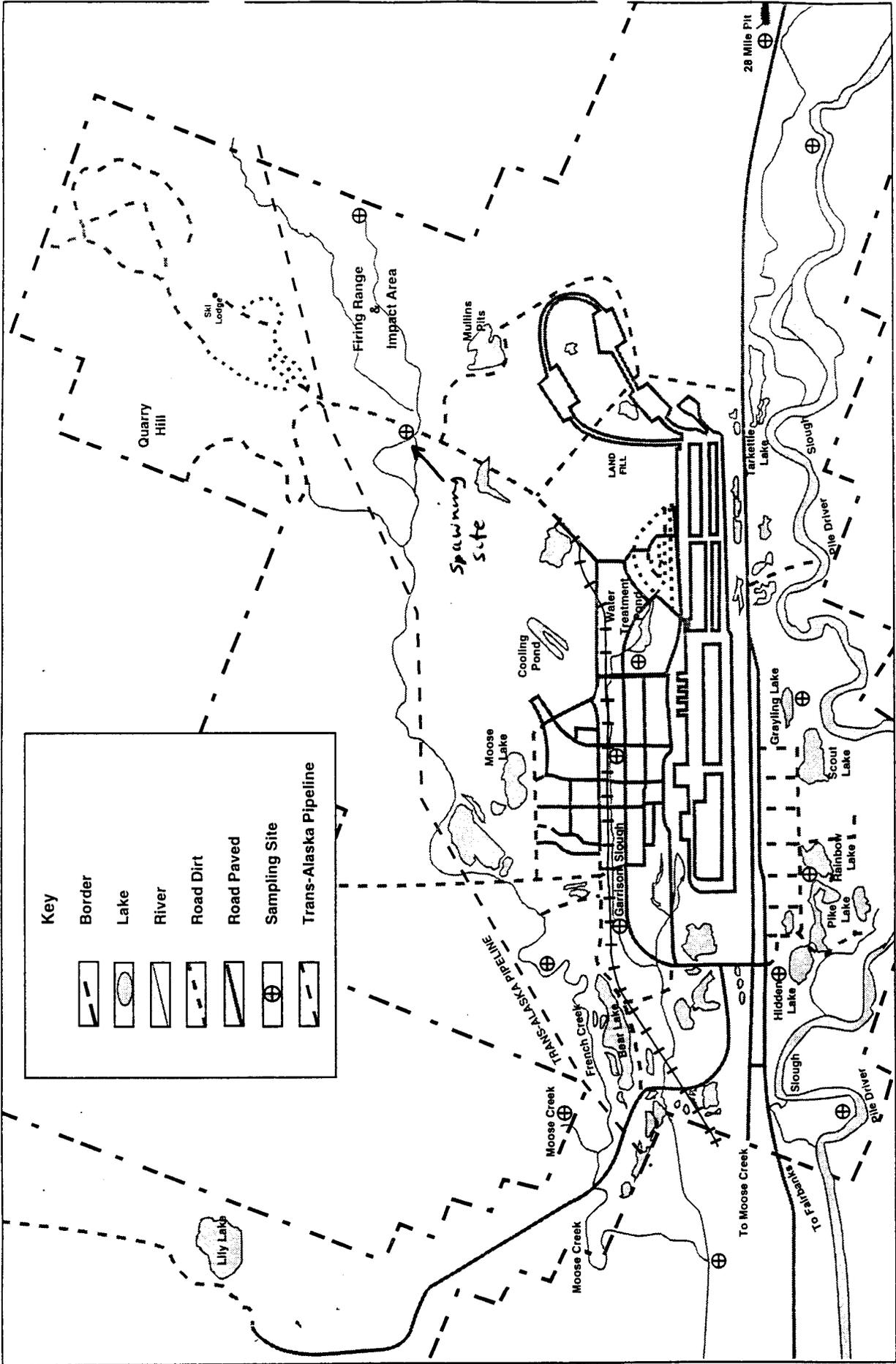
*Dennis*

Dennis Dauble  
Technical Group Manager  
AQUATIC ECOLOGY GROUP

DDD:smi

Enclosure: As stated

cc: Jennifer Kiger,  
354 CES/CEV  
Eielson Air Force base



Key	
	Border
	Lake
	River
	Road Dirt
	Road Paved
	Sampling Site
	Trans-Alaska Pipeline

Quarry Hill  
 Ski Lodge  
 Firing Range & Impact Area  
 Mullins Pits  
 Spawning site  
 LAND FILL  
 Cooling Pond  
 Water Treatment Pond  
 Moose Lake  
 Garrison Slough  
 Moose Creek  
 Frutch Creek  
 Bear Lake  
 Hidden Lake  
 Slough  
 To Moose Creek  
 To Filtration  
 To Filtration  
 Slough  
 Pike Lake  
 Rainbow Lake  
 Scout Lake  
 Grayling Lake  
 Markkette Lake  
 Slough  
 Pipe Driver  
 28 Mile Pit