

Reference (5)

A LIST OF FISH STREAMS CROSSED BY  
THE PROPOSED ALCAN GAS PIPELINE  
IN ALASKA, INCLUDING FISH SPECIES  
PRESENT AND PERIODS OF SENSITIVITY

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for  
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through

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INTRODUCTION

The following list delineates those streams crossed by the proposed Alcan Gas Pipeline in Alaska. The list is not complete but rather shows our state of the knowledge at this point. The streams along that portion of the route adjacent to the Alyeska line were taken directly from the Joint State/Federal Fish and Wildlife Advisory Team's (JFWAT) "A Partial List of Key Fish and Wildlife Areas Along the TransAlaska Pipeline Route with Critical Areas Identified." Therefore no field work was done

for Alcan Pipeline Co. on the streams in Alignment Sheets 1-85. The JFWAT document is continually being updated, therefore additions and subtractions are probable. Streams listed between Delta Junction and the Yukon Border were determined by fishery surveys conducted by BIO/WEST, Inc. for Alcan Pipeline Co. in 1976.

Milepost locations were determined to the nearest tenth of a mile using Alcan Pipeline Co. alignment sheets (First Draft). Along the Alyeska portion of the route, streams from the JFWAT list were located on the maps and milepost locations determined. Several errors in the Alcan alignment sheets created many problems in accuracy. For example, the route in A.S. 24-26 does not follow the oil line as built, but rather an old, abandoned route. Hence streams in this area could not be taken directly from the JFWAT list. Also, Mile Post 470 is shown in both A.S. 74 and 75, almost a mile apart. Therefore milepost locations in many places are probably suspect.

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Fish species in streams along the oil line were taken from the JFWAT list or from interviews with JFWAT personnel. A revised JFWAT list will be available shortly and will delineate species more clearly. Fish species along the Alaska Highway portion were determined by fishery surveys conducted by BIO/WEST, Inc. in 1976. Due to the restricted nature of the surveys, all species in many of these streams were not found. Question marks after species abbreviations refer to species reported by others or suspected, but not actually observed.

Critical periods follow those determined by the JFWAT. They generally enclosed migration, spawning and overwintering. Critical periods for streams along the Alyeska portion were taken directly from the JFWAT lists. Those along the Alaska Highway portion were determined from the fish species found during the 1976 survey. Critical periods shown on this list should not be taken as hard and fast rules but reflect the level of knowledge shown in the fish species present. Many of the critical periods were determined from fish presence rather than from actual knowledge of how and when the fish are using the system. More detailed and thorough studies of the streams, and ways fish use them, may alter these periods considerably.

Therefore this report should be considered as listing those streams where fish passage is required of any drainage structure, the species of fish present in those streams and critical periods during which instream construction should be limited, realizing that changes to this list will be made as more knowledge becomes available.

Key to Abbreviations of Fish Species used in  
Fish Stream Catalog

AB - Alaska Blackfish	RS - Sockeye (Red) Salmon
AC - Arctic Char	RW - Round Whitefish
AL - Arctic Lamprey	SS - Coho (Silver) Salmon
BB - Burbot	SB - Stickleback (general)
BL - Brook Lamprey	SK - Sucker (general)
BW - Broad Whitefish	S9 - Ninespine Stickleback
CA - Arctic Cisco	TP - Troutperch
CD - Sculpin (general)	WF - Whitefish (general)
CI - Cisco (general)	
CN - Slimy Sculpin	
CS - Least Cisco	
DS - Chum (Dog) Salmon	
DV - Dolly Varden	
GR - Arctic Grayling	
HO - Pond Smelt	
HW - Humpback Whitefish	
IN - Inconnu (Sheefish).	
KS - Chinook (King) Salmon	
LC - Lake Chub	
LS - Longnose Sucker	
LT - Lake Trout	
LW - Lake Whitefish	
NP - Northern Pike	
OM - Rainbow Smelt	
PS - Pink (Humpback) Salmon	
RB - Rainbow Trout	

FISH STREAM CATALOG - ALCAN PIPELINE ROUTE (ALASKA)

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FISH STREAM CATALOG - ALCAN PIPELINE AREA (ALASKA)

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