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BLM-Alaska Open File Report 92
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Alaska State Office
222 West 7th Avenue, #13
Anchorage, Alaska 99513

Zones of Restricted Activity for Protection of Key Fish Areas Along the Trans-Alaska Pipeline System on Federally-Administered Lands

Second Edition



The BLM Mission

The Bureau of Land Management sustains the health, diversity and productivity of the public lands for the use and enjoyment of present and future generations.

Cover Photo

This pond, adjacent to the upper Atigun River drainage north of the Brooks Range, is ice-free all winter because of the pipeline's thermal regime. It is used by Arctic grayling for rearing and overwintering. Alyeska Pipeline Service Company constructed a channel between the pond and the Atigun River so fish can freely use the pond all year. Photo by Dennis Gnath.

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Preface for the Second Edition

The Agreement and Grant of Right-of-Way for Trans-Alaska Pipeline between the United States of America and Amerada Hess Corporation, ARCO Pipe Line Company, BP Pipelines Inc., Exxon Pipeline Company, Mobile Alaska Company, Phillips Petroleum Company, SOHIO Pipe Line Company, and Union Alaska PipeLine Company, Stipulation 2.5.3. Zones of Restricted Activities states:

“2.5.3.1. Permittees’ activities in connection with the Pipeline System in key fish and wildlife areas may be restricted by the Authorized Officer during periods of fish and wildlife breeding, nesting, spawning, lambing or calving activity and during major migrations of fish and wildlife. The Authorized Officer shall give Permittees written notice of such restrictive action. From time to time, the Authorized Officer shall furnish Permittees a list of areas where such actions may be required, together with the anticipated dates of restriction.,,

This document is the Federal Authorized Officer’s list described, as above. As the Federal Authorized Officer’s list, it includes only sensitive fishery habitats on Federally administered portions of the pipeline.

Sensitive fish streams listed in this report have been identified from another Office of Pipeline Office report *Fish Streams Along the Trans-Alaska Pipeline System* (BLM-Alaska Open File Report 93) which lists fish streams along TAPS mentioned in recent literature.

This list will be updated from time to time with any additions or corrections resulting from further State, Federal, Alyeska Pipeline Service Company or other study of pipeline streams. Please direct all correspondence concerning this report to:

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U.S. Bureau of Land Management
Office of Pipeline Monitoring
411 West 4th Avenue
Anchorage, Alaska 99501
(907) 257-1300

Fish Species Codes

(Adapted from Johnson and Rockwell, 1981)

?	=	Fish Present?	
AB	=	Alaska blackfish	: <u>Dallia pectoralis</u>
AC	=	Arctic char	: <u>Salvelinus alpinus</u>
AL	=	Arctic lamprey	: <u>Lampetra japonica</u>
AS	=	American shad	: <u>Alosa sapidissima</u>
BB	=	Burbot	: <u>Lota lota</u>
BC	=	Bering cisco	: <u>Coregonus laurettae</u>
BL	=	American brook lamprey	: <u>Lampetra</u> sp.
BW	=	Broad whitefish	: <u>Coregonus nasus</u>
CA	=	Arctic cisco	: <u>Coregonus autumnalis</u>
CD	=	Sculpin	: <u>Family Cottidae</u>
CI	=	Cisco	: <u>Coregonus</u> sp.
CN	=	Slimy sculpin	: <u>Cottus cognatus</u>
CS	=	Least cisco	: <u>Coregonus sardinella</u>
CT	=	Cutthroat trout	: <u>Oncorhynchus clarkii</u>
DS	=	Dog (Chum) salmon	: <u>Oncorhynchus keta</u>
DV	=	Dolly varden	: <u>Salvelinus malma</u>
GR	=	Grayling	: <u>Thymallus arcticus</u>
HO	=	Pond Smelt	: <u>Hypomesus olidus</u>
HW	=	Humpback whitefish	: <u>Coregonus pidschian</u>
IN	=	Inconnu (Sheefish)	: <u>Stenodus leucichthys</u>
KO	=	Kokanee	: <u>Oncorhynchus nerka</u>
KS	=	King (Chinook) salmon	: <u>Ohncorhynchus tshawytscha</u>
LC	=	Lake chub	: <u>Couesius plumbeus</u>
LS	=	Longnose sucker	: <u>Catostomus catostomus</u>
LT	=	Lake trout	: <u>Salvelinus namaycush</u>
LW	=	Lake whitefish	: <u>Coregonus clupeaformis</u>
NP	=	Northern pike	: <u>Esox lucius</u>
OM	=	Rainbow smelt	: <u>Osmerus mordax</u>
PS	=	Pink (Humpback) salmon	: <u>Oncorhynchus gorbuscha</u>
PW	=	Pygmy whitefish	: <u>Prosopium coulteri</u>
RB	=	Rainbow trout	: <u>Oncorhynchus mykiss</u>
RS	=	Red (Sockeye) salmon	: <u>Oncorhynchus nerka</u>
RW	=	Round whitefish	: <u>Prosopium cylindraceum</u>
SB	=	Stickleback	: <u>Family Gasterosteidae</u>
S9	=	Ninespine stickleback	: <u>Pungitius pungitius</u>
SH	=	Steelhead trout	: <u>Oncorhynchus mykiss</u>
SK	=	Sucker	: <u>Family Catostomidae</u>
SS	=	Coho (Silver) salmon	: <u>Oncorhynchus kisutch</u>
TP	=	Trout – Perch	: <u>Percopsis omiscomaycus</u>
WF	=	Whitefish	: <u>Coregonus</u> sp.

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Elliott, George V. 1980. First interim report on the evaluation of stream crossings and effects of channel modifications on fishery resources along the route of the Trans-Alaska Pipeline. U.S. Fish and Wildlife Service, Anchorage, Alaska (June, 1980: 77pp).

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Office of Special Projects. 1982. [no title]. U.S. Bureau of Land Management, Anchorage, Alaska. (May 6, 1982). [This list is commonly referred to as Ken Hunt's list and includes comments from the Alaska Dept. of Fish and Game].

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