

Site No. 19050006-

UNDEVELOPED HYDROELECTRIC SITE

State Alaska County _____ Site Libby Creek
Location sec. 2, T 51 S., R 74 E Copper River Meridian Stream Libby Cr. trib Stephens PassPlanned by (date) TJK (5/79)

Reference _____ Date _____

Quadrangle coverage Sumdum (B-5), AlaskaLand: Public _____ Private _____ Use: P, I, FC, MI, R

ws alt = <u>310'</u>	Undeveloped capacity <u>1.9 MW-4.35MW theoretical</u>
Dam: Height <u>235 feet</u> Length <u>900 feet</u>	Percent efficiency _____
Normal pool altitude <u>545 feet</u>	Annual generation _____
Reservoir area _____	Plant factor _____
Storage capacity <u>50,000 acre-feet</u>	Mean flow <u>94 cfs = 68,000 ac ft/year</u>
Drainage area <u>11.7 square miles</u>	Period of record <u>used 8 cfs/mi</u>
Gross head <u>545-0 = 545 feet, 1 mi diversion</u>	

Remarks: 18.5 mile trans line.See stream file under Alaska-Southeast, North of Cape FonshawPrepared by TJK Date 5/79