

Site No. 19050002-62 ^{TK} _{V7}

UNDEVELOPED HYDROELECTRIC SITE

State Alaska County _____ Site Dam Site No 2
 Location Sections 17 & 20, T 14 N, R 1 W Seward Peninsula Stream Eagle River
 Planned by (date) USGS 1948-50
 Reference Reconnaissance Report on Geology of Lower Eagle River Valley" A.F. Bateman, Jr. Date December 1948
 Quadrangle coverage Anchorage (B-7) Alaska
 Land: Public _____ Private _____ Use: P, I, FC, MI, R

Dam: Height <u>70' 160'</u> Length <u>1500' 800 @ 465</u>	Undeveloped capacity <u>6.623 MW at site theoretical</u> <u>3.1 MW at site</u>
Normal pool altitude <u>350 450'</u>	Percent efficiency _____
Reservoir area <u>5650 acres</u>	Annual generation _____
Storage capacity <u>530,000 ac-ft</u>	Plant factor _____
Drainage area <u>186 sq. mi. (Est.) 192</u>	Mean flow <u>520 (Est.) = 375,000 ac-ft/yr</u> ^{487 cfs}
Gross head <u>70'</u>	Period of record <u>1965-70 1966-1976</u>
<u>Streambed Elev = 290</u>	<u>90 ft where?</u>

Remarks: Alternative Site to Eagle River #1,

Yield 394.735 cfs w/dam as proposed

See map "Eagle Riv, Misc. Dam Sites"

See: Metropolitan Anchorage Urban Study, Part V - Water Supply" USCE - Anchorage, 7/78, pg 154-200.

Prepared by TK Date 8/78
SRW 11/78