

TK  
4/79

Site No. 19050002-88

### UNDEVELOPED HYDROELECTRIC SITE

State ALASKA County \_\_\_\_\_ Site KINGS River (TK)

Location Section 21, T 19 N, R 4 E, Seward Meridian Stream MATANUSKA

Planned by (date) \_\_\_\_\_

Reference Correspondence to BE Jones from Art Johnson Date 3/18/49

Quadrangle coverage Anchorage (C-5) ALASKA

Land: Public \_\_\_\_\_ Private \_\_\_\_\_ Use: P, I, FC, MI, R

<u>ws alt 525 550</u>	Dam: Height <u>275' 250'</u> Length <u>3,000'</u>	Undeveloped <sup>Q50</sup> capacity <u>25 MW (Est)</u>
	Normal pool altitude <u>800 feet</u>	Percent efficiency _____
	Reservoir area _____	Annual generation _____
	Storage capacity <u>295,000 ac-ft</u>	Plant factor _____
	Drainage area <u>1600 sq mi (Est)</u>	Mean flow <u>3000 cfs (Est) = 2,170,000 ac-ft/yr</u>
	Gross head _____	Period of record <u>Flow based on DIA and flow of Matanuska R. at Palmer.</u>

Remarks: Q50 est. (3000/2.5) = 1200 based on other large rivers.

Prepared by TK Date 8/78

SRO 12/78