

Site No. 19050003-17 <sup>TK</sup>/<sub>1/79</sub>

### UNDEVELOPED HYDROELECTRIC SITE

State ALASKA County \_\_\_\_\_ Site Sheep Creek alternative

Location Sections 1 & 12, T4S, R9W Seward Meridian Stream Sheep Creek tail Fox River

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

Reference \_\_\_\_\_ Date \_\_\_\_\_

Quadrangle coverage Seldovia (D-2) Alaska

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

<i>ws alt = 320</i>	
Dam: Height <u>405 feet</u> Length <u>1400 feet</u>	Undeveloped capacity <u>23.874mw - 28.000mw theoretical</u>
Normal pool altitude <u>725 feet</u>	Percent efficiency _____
Reservoir area <u>1962.5 acres</u>	Annual generation _____
Storage capacity <u>325,000 acre feet</u>	Plant factor _____
Drainage area <u>109.97 square miles</u>	Mean flow <u>693.5 cfs</u>
Gross head <u>725' - 250' = 475', 3500' diversion</u>	Period of record _____

Remarks:

Prepared by TK Date 10/78