

Site No. 19050002-18 JK  
1/77

## UNDEVELOPED HYDROELECTRIC SITE

State Alaska County \_\_\_\_\_ Site Lake Creek (Upper)

Location Sec 29 T 27N R 11W Seward Meridian Stream Lake Creek trail Yentna

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

Reference APA's list of 252 sites (site 101) Date 1977

Quadrangle coverage 711482711a (13-3) Alaska

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

<p><i>WS alt = 1330?</i></p> <p>Dam: Height <u>70 feet</u> Length <u>600'</u></p> <p>Normal pool altitude <u>1400 feet</u></p> <p>Reservoir area _____</p> <p>Storage capacity _____</p> <p>Drainage area <u>85 square miles</u></p> <p>Gross head <u>1400' - 800' = 600'. 2.6 mile diversion to KAH 12711a</u></p>	<p><i>1.474 - 12.680 mw theoretical</i></p> <p>Undeveloped capacity <u>15 mw installed</u></p> <p>Percent efficiency _____</p> <p>Annual generation <u>74,000,000 Kwh</u></p> <p>Plant factor _____</p> <p>Mean flow <u>180,000 cfs feet</u> <span style="float: right;"><u>248.67 cfs</u></span></p> <p>Period of record _____</p>
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Remarks:

Prepared by JK Date 8/78