

Site No. 19050002-89 ^{TK} ₄₇₉

UNDEVELOPED HYDROELECTRIC SITE

State Alaska County _____ Site MATANUSKA River # 2

Location Section 32, T 19 N R 3 E Seward Meridian Stream MATANUSKA River

Planned by (date) US Bur of Rec (1948)

Reference "Alaska, A reconnaissance ..." Bur of Rec, Pg 146 Date 1949

Quadrangle coverage Anchorage (C-6)

Land: Public _____ Private _____ Use: P, I, FC, MI, R

<p>^{wsalt 390'} Dam: Height <u>210 feet.</u> Length <u>800 feet.</u></p>	<p>Undeveloped capacity ^{Q₅₀} <u>27.7 MW</u></p>
<p>Normal pool altitude <u>600 feet</u></p>	<p>Percent efficiency _____</p>
<p>Reservoir area _____</p>	<p>Annual generation _____</p>
<p>Storage capacity _____</p>	<p>Plant factor _____</p>
<p>Drainage area <u>2070 square miles⁴</u></p>	<p>Mean flow <u>3880 cfs (Est) 2,810,000 gc-ft/yr</u></p>
<p>Gross head _____</p>	<p>Period of record <u>Based on Palmer records</u></p>

Remarks: Q₅₀ = 3880 / 2.5 = 1550 (based on other large rivers)

Prepared by TK Date 8/78

SPO 12/78