

Site No. 19050002-18 JK
1/79

UNDEVELOPED HYDROELECTRIC SITE

State Alaska County _____ Site Anchor River

Location section 4, T5S, R15W Seward Meridian R.M. 5 Stream Anchor River

Planned by (date) _____

Reference Geologic Investigations of Power Sites on Bradley... and Anchor Rivers ¹⁹⁵⁸ Km 5 Seward Date June 1958

Quadrangle coverage Seldovia (D-5) Alaska

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

Dam: Height _____ Length _____	Undeveloped capacity ^{1.38} <u>2.364 mw theoretical</u>
Normal pool altitude <u>23 feet</u>	Percent efficiency _____
Reservoir area _____	Annual generation _____
Storage capacity <u>?</u>	Plant factor _____
Drainage area <u>226 square miles</u>	Mean flow <u>299 cfs or 216,500 acft/year</u>
Gross head <u>93 feet</u>	Period of record <u>13 years</u> [↓]

Remarks: Surface Water Supply of US, 1966-1970 pg 194.

Not enough storage to develop mean flow.

2.36 mw is too high - better to use Q50 flow. (175 cfs)

Prepared by JK Date 8/78