

TJK
4/78

Site No. 19050002-178

UNDEVELOPED HYDROELECTRIC SITE

State Alaska County _____ Site HAYES, Skwentna River

Location Sections 5-8, T21N, R13W Seward Meridian Stream Skwentna River

Planned by (date) _____

Reference AP Admin's list of 252 sites (sit 103) Date _____

Quadrangle coverage Tyonek (D-5)

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

<u>ws alt = 350'</u>	
Dam: Height <u>225 feet</u> Length <u>8,500 feet + dike</u>	Undeveloped capacity <u>92.455 mw theoretical</u> <u>89 mw installed</u>
Normal pool altitude <u>575 feet</u>	Percent efficiency _____
Reservoir area _____	Annual generation <u>429,000,000 kWh</u>
Storage capacity _____	Plant factor _____
Drainage area <u>1730 square miles</u>	Mean flow <u>3,500,000 acre feet</u> <u>483 f. 25 cfs</u>
Gross head <u>187' average</u>	Period of record _____

Remarks:

Prepared by TJK Date 8/78