

Site No. 19050002-136 ¹¹⁶ ₄₇₇

UNDEVELOPED HYDROELECTRIC SITE

State ALASKA County _____ Site EAST FORK

Location Sec 7205, R 9W Fairbanks Meridian Stream E. FK CH ULITHA R

Planned by (date) _____

Reference AP Admin List of 262 sites Date 1977

Quadrangle coverage HEALY (A-5) ALASKA

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

12 MW installed

| | |
|---|---|
| <p><u>ws alt 2280</u> Dam: Height <u>220 feet</u> Length _____ Normal pool altitude <u>2500 feet</u> Reservoir area <u>1932.64 acres.</u> Storage capacity <u>126,033 acre feet</u> Drainage area <u>135 square miles</u> Gross head <u>2300-2000=300' 3.2 mile diversion</u></p> | <p>Undeveloped capacity <u>8.595 mw (lim) - 19.921 (w/diversion) mw theoretical</u> Percent efficiency _____ Annual generation <u>59 000 000 kWh</u> Plant factor _____ Mean flow <u>456.97 cfs = 330,848 ac ft/yr</u> <u>240,000 acre feet</u> <u>331.44 cfs</u> Period of record <u>14 yrs (1975) gage 15292900, area ratio</u></p> |
|---|---|

Remarks: USGS original work

Prepared by TK Date 12/28 8/78