

Omit from inventory

Site No. 19050002-58 <sup>TK</sup> <sub>479</sub>

### UNDEVELOPED HYDROELECTRIC SITE

State Alaska County \_\_\_\_\_ Site Dam site A

Location Sections 10&15, T13 N, R 2 W, Seward Meridians Stream Ship Creek

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

Reference Water Utilization - Ship Creek near Anchorage Alaska" J.L. Colbert Date May 1951

Quadrangle coverage Anchorage (A-7) Alaska

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

|  |  |
|--|--|
| Dam: Height <u>300 feet</u> Length _____           | Undeveloped capacity <u>5.834 mw (6.021 mw?) Theoretical</u> |
| Normal pool altitude <u>940 feet</u>               | Percent efficiency _____                                     |
| Reservoir area _____                               | Annual generation _____                                      |
| Storage capacity <u>29,400 acre feet</u>           | Plant factor _____   |
| Drainage area <u>89.4 square miles</u>             | Mean flow <u>156 cfs (161 cfs?) 116,600 ac-ft/yr</u>         |
| Gross head <u>940-500=440', 1/4 mile diversion</u> | Period of record <u>1946-70</u>                              |

Remarks: Storage too low to develop mean flow.  
Dam too high for amount of storage obtained.  
Poor geologic conditions could cause reservoir leakage: see Metropolitan Anchorage Urban Study,  
Part V - Water Supply "USCE Anchorage, 7/78, pg 130.

Prepared by TK Date 12/78  
STC 8/78  
4/78