

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Site No 19050002-27

210 ✓

Basin Index 14 KB

WATERPOWER OF THE UNITED STATES

State Alaska Stream Grant ~~Lake~~ Creek Site Grant ~~Creek~~ Lake

County _____ Owner _____

Mer. Seward T. 4N R. 1E Sec. 6 Constructed _____

Lat. 60 ° 28 ' " Long. 149 ° 21 ' " Storage 74,000 of 91,278,260 m³

Miles above mouth _____ Installed capacity _____ mw

Drainage Area 44 sq.mi. 113.96 sq. km Installable capacity _____ mw

| FLOW | | | ELEVATIONS | | | | HEAD | | THEORETICAL POWER mw-100% Eff. | ESTIMATED AVERAGE ANNUAL GENERATION mwh |
|------------------|-----|---------------------|------------|-------|----------|-------|-------|------|-----------------------------------|--|
| Percent duration | cfs | m ³ /sec | Forebay | | Tailrace | | Gross | | | |
| | | | ft. | m | ft. | m | ft. | m | | |
| 95 | 15 | 0.4 | 734 | 223.7 | 440 | 134.1 | 294 | 89.6 | 0.38 | |
| 50 | 116 | 3.3 | | | | | | | 2.90 | |
| mean | 193 | 5.5 | | | | | | | 4.82 | 33,740 |

Remarks: **Seward B-7**

849

Prepared by GCG Date _____

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

210 ~~213~~ ~~100~~
Basin Index _____

14 KB

WATERPOWER OF THE UNITED STATES

State Alaska Stream Grant Lake Site Grant Creek

County _____ Owner _____

Mer. _____ T. _____ R. _____ Sec. _____ Constructed _____

Lat. 60 ° 28 ' " Long. 149 ° 21 ' " Storage 74,000 of 91,278,260 m³

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| FLOW | | | ELEVATIONS | | | | HEAD | | THEORETICAL POWER mw-100% Eff. | ESTIMATED AVERAGE ANNUAL GENERATION mwh |
|---------------------|-----|---------------------|------------|-------|----------|-------|-------|------|--------------------------------------|---|
| Percent duration | cfs | m ³ /sec | Forebay | | Tailrace | | Gross | | | |
| | | | ft. | m | ft. | m | ft. | m | | |
| 95 | 15 | .4 | 734 | 223.7 | 440 | 134.1 | 294 | 89.6 | .375.38 | |
| 50 | 116 | 3.3 | | | | | | | 2899.90 | |
| mean | 193 | 5.5 | | | | | | | 4823 | 33,761. |

Remarks:

33,740

Prepared by _____ Date _____

Seward B-7