

Form 9-1503
(Feb. 1962)

U. S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Site No 19050002-36 TX ✓
✓179 212 ✓
Basin Index 14 KB

WATERPOWER OF THE UNITED STATES

State Alaska Stream Juneau Creek Site Juneau Lake

County _____	Owner _____
Mer. <u>Seward</u> T. <u>6N</u> R. <u>3W</u> Sec. _____	Constructed _____
Lat. <u>60</u> ° <u>29</u> ' <u>50</u> " Long. <u>149</u> ° <u>54</u> ' <u>10</u> "	Storage <u>10,000</u> of <u>12,334,900</u> m ³
Miles above mouth _____	Installed capacity _____ mw
Drainage Area <u>52</u> sq. mi. <u>134.68</u> 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	10	0.3	1,240	378.1	540	164.6	700	213.4	0.60	
50	70	2.1							4.17	
mean	134	3.8							7.97	55,790

Remarks: **Seward B-8** & **Seward C-8**
See "Plan & Profile Juneau Lake and Vicinity-1957"
The damsite is probably the Falls Creek damsite noted on above map.

Prepared by GCG Date 11/78
SRO

14-KB

WATERPOWER OF THE UNITED STATES

State Alaska Stream Juneau Creek Site Juneau Lake 2592

County _____				Owner _____			
Mer. _____	T. _____	R. _____	Sec. _____	Constructed _____			
Lat. <u>60 ° 29 ' 50 "</u> Long. <u>149 ° 54 ' 10 "</u>				Storage <u>10,000</u> of <u>12,334,900.</u> m ³			
Miles above mouth _____				Installed capacity _____ mw			
Drainage Area <u>52</u> sq. mi. <u>134.68</u> 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	10	1.3	1,240	378.1	540	164.6	700	213.4	160,595	
50	70	2.1							4,174,165	
mean	134	3.8							7,973	55,811.

Remarks:

55,790

Seward B-8