

WATERPOWER OF THE UNITED STATES

State Alaska Stream Baranof Lake Site Baranof Lake 2592

County <u>First Judicial Division</u>	Owner _____
Mer. _____ T. _____ R. _____ Sec. _____	Constructed _____
Lat. <u>57</u> ° <u>05.3</u> ' " Long. <u>134</u> ° <u>50.0</u> ' "	Storage <u>50,000</u> af <u>61,674,500</u> m ³
Miles above mouth _____	Installed capacity _____ mw
Drainage Area <u>32</u> sq. mi. <u>82.9</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	42	1.2	180	54.9	7	2.1	173	52.7	0.62	
50	383	10.9							5.63	
mean	433	12.3							6.37	44,590

Remarks: **Baranof Island - Sitka A-3**

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Basin Index _____

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WATERPOWER OF THE UNITED STATES

State Alaska

Stream Baranof Lake

Site Baranof Lake

County First Judicial Division
 Mer. _____ T. _____ R. _____ Sec. _____
 Lat. 57° 05.3' " Long. 134° 50.0' "
 Miles above mouth _____
 Drainage Area 32 sq. mi. 82.9 sq. km

Owner _____
 Constructed _____
 Storage 50,000 af 41,674.50 m³
 Installed capacity _____ mw
 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	42	1.2	180	54.9	7	2.1	173	52.7	618.62	
50	383	10.9							5632	
mean	433	12.3							6367.37	44,590

Remarks:

Prepared by _____ Date _____

Sitka A-3

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