

## WATERPOWER OF THE UNITED STATES

State Alaska Stream Waterfall Lake Site Waterfall Lake 2592

County <u>First Judicial Division</u>				Owner _____	
Mer. _____ T. _____ R. _____ Sec. _____		Constructed _____		Storage <u>5000</u> af <u>6,167,450</u> m <sup>3</sup>	
Lat. <u>56 ° 51.8 ' "</u> Long. <u>134 ° 46.0 ' "</u>		Installed capacity _____ mw		Installable capacity _____ mw	
Miles above mouth _____		Drainage Area <u>2.4</u> sq.mi. <u>6.22</u> sq. km			

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100 % Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m <sup>3</sup> /sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	3	.1	673	205.1	33	10.1	640	195.1	0.16	
50	30	.9							1.63	
mean	33	.9							1.80	12,600

Remarks: **Baranof Island - Port Alexander D-3**

Form 9-1503  
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR  
GEOLOGICAL SURVEY

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Mer. _____ T. _____ R. _____ Sec. _____				Constructed _____			
Lat. <u>56 °51.8 ' "</u> Long. <u>134 °46.0 ' "</u>				Storage <u>5,000</u> of <u>6,167,450</u> <u>1,167,450</u> m <sup>3</sup>			
Miles above mouth _____				Installed capacity _____ mw			
Drainage Area <u>2.4</u> sq. mi. <u>6.22</u> sq. km				Installable capacity _____ mw			

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100 % Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m <sup>3</sup> /sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	3	.1	673	205.1	33	10.1	640	195.1	.163	
50	30	.9							1.632	
mean	33	.9							1.795	1.80

Remarks: \_\_\_\_\_

Prepared by \_\_\_\_\_ Date \_\_\_\_\_

Port Alexander D-3