

## WATERPOWER OF THE UNITED STATES

State <u>Alaska</u>	Stream <u>Lake Borodino</u>	Site <u>Lake Borodino</u>	2592
County <u>First Judicial Division</u>		Owner _____	
Mer. _____ T. _____ R. _____ Sec. _____		Constructed _____	
Lat. <u>56 ° 22.5 ' "</u> Long. <u>134 ° 43.7 ' "</u>		Storage <u>28,000</u> af of <u>34,537,720</u> m <sup>3</sup>	
Miles above mouth _____		Installed capacity _____ mw	
Drainage Area <u>3.3</u> sq.mi. <u>8.55</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	11	0.3	530	161.5	50	15.2	480	146.3	0.45	
50	59	1.7							2.41	
mean	66	1.9							2.69	18,830

Remarks: **Baranof Island - Port Alexander B-3, B-4**

Form 9-1503  
(Feb. 1962)

U. S. DEPARTMENT OF INTERIOR  
GEOLOGICAL SURVEY

Basin Index 100 51

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WATERPOWER OF THE UNITED STATES

State Alaska Stream Lake Borodino Site Lake Borodino

County <u>First Judicial Division</u>				Owner _____			
Mer. _____	T. _____	R. _____	Sec. _____	Constructed <u>34,537,720</u>			
Lat. <u>56 ° 22.5 ' "</u>		Long. <u>134 ° 43.7 ' "</u>		Storage <u>28 000</u> of <u>76,537.72</u> m <sup>3</sup>			
Miles above mouth _____				Installed capacity _____ mw			
Drainage Area <u>3.3</u> sq. mi.		<u>8.55</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	11	.3	530	161.5	50	15.2	480	146.3	.449	.45
50	59	1.7							.240	.41
mean	66	1.9							.269	.3

Remarks:

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

Port Alexander 0-3-04