

WATERPOWER OF THE UNITED STATES

State Alaska Stream David Lake Site David Lake 2592

County <u>First Judicial Division</u>	Owner _____
Mer. _____ T. _____ R. _____ Sec. _____	Constructed _____
Lat. <u>56 °35.5 ' "</u> Long. <u>134 ° 51.5 ' "</u>	Storage <u>12,000</u> af <u>14,801,880</u> m ³
Miles above mouth _____	Installed capacity _____ mw
Drainage Area <u>8</u> sq.mi. <u>20.72</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	14	0.4	720	219.5	400	121.9	320	97.5	0.38	
50	80	2.3							2.18	
mean	90	3.1							2.45	17,150

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

Form 9-1503
(Feb. 1962)

U. S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Basin Index 13 Bc

WATERPOWER OF THE UNITED STATES

State Alaska Stream David^{of}Lake Site David^{of}Lake

County <u>First Judicial Division</u>				Owner _____			
Mer. _____ T. _____ R. _____ Sec. _____				Constructed <u>14,801,880</u>			
Lat. <u>56 ° 35.5 ' "</u> Long. <u>134 ° 51.5 ' "</u>				Storage <u>12,000</u> of <u>2,801.88</u> m ³			
Miles above mouth _____				Installed capacity _____ mw			
Drainage Area <u>8</u> sq.mi. <u>20.72</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	14	<u>0.4</u>	720	<u>219.5</u>	400	<u>121.92</u>	320	<u>97.5</u>	<u>.381</u>	
50	80	<u>2.3</u>							<u>2,176.18</u>	
mean	90	<u>3.1</u>							<u>2,448.45</u>	<u>17,150</u>

Remarks:

Prepared by _____ Date _____

Port Alexander C-3

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