

## WATERPOWER OF THE UNITED STATES

State Alaska                      Stream Blanchard Lake                      Site Blanchard Lake 2592

County <u>First Judicial Division</u> Mer. _____ T. _____ R. _____ Sec. _____ Lat. <u>56 °37.0 ' "</u> Long. <u>134 °40.7 ' "</u> Miles above mouth _____ Drainage Area <u>3.3</u> sq. mi. <u>8.55</u> sq. km	Owner _____ Constructed _____ Storage <u>5,000</u> af <u>6,167,450</u> m <sup>3</sup> Installed capacity _____ mw Installable capacity _____ mw
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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	<b>11</b>	<b>0.3</b>	<b>455</b>	<b>138.7</b>			<b>455</b>	<b>138.7</b>	0.43	
50	<b>59</b>	<b>1.7</b>							2.28	
mean	<b>65</b>	<b>1.8</b>							2.51	<b>17,570</b>

Remarks:

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

Form 9-1503  
(Feb. 1962)

U. S. DEPARTMENT OF INTERIOR  
GEOLOGICAL SURVEY

Basin Index 108 46  
13 BC

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State Alaska Stream Blanchard Lake Site Blanchard Lake

County <u>First Judicial Division</u>				Owner _____	
Mer. _____ T. _____ R. _____ Sec. _____	Constructed _____ <u>6,167,450</u>				
Lat. <u>56 ° 37.0 ' "</u> Long. <u>134 ° 40.7 ' "</u>	Storage <u>5 000</u> af <u>6,167,450</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
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			ft.	m	ft.	m	ft.	m		
95	11	<u>.3</u>	<u>455</u>	<u>138.7</u>			<u>455</u>	<u>138.7</u>	<u>.425 .43</u>	
50	59	<u>1.7</u>							<u>2282</u>	
mean	65	<u>1.8</u>							<u>2514</u>	<u>17,570</u>

Remarks:

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

Port Alexander C-3