

WATERPOWER OF THE UNITED STATES

State Alaska	Stream Takatz Lake Creek	Site Takatz Lake	2592
County First Judicial Division		Owner _____	
Mer. _____ T. _____ R. _____ Sec. _____		Constructed _____	
Lat. 57 °07.8 ' " Long. 134 ° 51.6 ' "		Storage 80,000 of 98,679,200 m ³	
Miles above mouth _____		Installed capacity _____ mw	
Drainage Area 10.8 sq. mi. 27.97 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	972	296.3			972	296.3	1.16	
50	152	4.3							12.56	
mean	163	4.6							13.47	94,290

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

Form 9-1503
(Feb. 1962)

Revised 92

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

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WATERPOWER OF THE UNITED STATES

State Alaska Stream Takatz Lake Site Takatz Lake 1592

County <u>First Judicial Division</u>				Owner _____	
Mer. _____ T. _____ R. _____ Sec. _____	Constructed <u>98,679,200</u>				
Lat. <u>57 ° 07.8 ' "</u> Long. <u>134 ° 51.6 ' "</u>	Storage <u>80,000</u> af <u>18,677.20</u> m ³				
Miles above mouth _____	Installed capacity _____ mw				
Drainage Area <u>10.8</u> sq.mi. <u>27.97</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	<i>14</i>	<i>.4</i>	<i>972</i>	<i>296.3</i>			<i>972</i>	<i>296.3</i>	<i>1.16</i> 1157	
50	<i>152</i>	<i>4.3</i>							<i>2.56</i> 12558	
mean	<i>163</i>	<i>4.6</i>							<i>13.47</i> 13467	<i>94,290</i>

Remarks:

Prepared by _____ Date _____

Sitka A-3