

WATERPOWER OF THE UNITED STATES

State Alaska Stream Didrickson Lake Site Didrickson Lake 2592

County <u>First Judicial Division</u>	Owner _____
Mer. <u>T.</u> R. <u> </u> Sec. <u> </u>	Constructed _____
Lat. <u>57 ° 45.2'</u> " Long. <u>136 ° 11.5'</u> "	Storage <u>12.500</u> of <u>15,418,625</u> m ³
Miles above mouth _____	Installed capacity _____ mw
Drainage Area <u>15.4</u> sq.mi. <u>39.89</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	18	0.5	126	38.4	6	1.8	120	36.6	0.18	
50	162	4.6							1.65	
mean	180	5.1							1.84	12,880

Remarks: **Chichagof Island - Sitka D-7**

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County <u>First Judicial Division</u>	Owner _____
Mer. _____ T. _____ R. _____ Sec. _____	Constructed <u>15418.625</u>
Lat. <u>57 °45.2 ' "</u> Long. <u>136 ° 11.5 ' "</u>	Storage <u>12.5 00</u> af <u>2,977.63</u> m ³
Miles above mouth _____	Installed capacity _____ mw
Drainage Area <u>15.4</u> sq.mi. <u>39.89</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	18	<u>15</u>	126	<u>38.4</u>	6	<u>1.8</u>	120	<u>36.6</u>	<u>.184</u>	
50	162	<u>4.6</u>							<u>1652</u>	
mean	180	<u>5.1</u>							<u>1836.84</u>	<u>12,880</u>

Remarks:

Setha P. 7 - Chicago of Island