

WATERPOWER OF THE UNITED STATES

State Alaska Stream Milk Lake Site Milk Lake 1592

County <u>First Judicial Division</u>	Owner _____
Mer. _____ T. _____ R. _____ Sec. _____	Constructed _____
Lat. <u>56 ° 58.6 ' " </u> Long. <u>134 ° 45.8 ' " </u>	Storage <u>10,000</u> af <u>12,334,900</u> m ³
Miles above mouth _____	Installed capacity _____ mw
Drainage Area <u>10.7</u> sq.mi. <u>27.71</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	13	0.4	660	201.2	10	3.1	650	198.1	0.72	
50	126	3.6							6.96	
mean	140	4.1							7.74	54,180

Remarks:

Baranof Island - Port Alexander D-3

Prepared by GCG Date _____

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WATERPOWER OF THE UNITED STATES

State Alaska Stream Milk Lake Site Milk Lake 1592

County <u>First Judicial Division</u>				Owner _____	
Mer. _____ T. _____ R. _____ Sec. _____	Constructed <u>19,334,900</u>			Storage <u>10,000</u> af <u>2,334.90</u> m ³	
Lat. <u>56 °58.6 ' "</u> Long. <u>134 °45.8 ' "</u>	Installed capacity _____ mw			Installable capacity _____ mw	
Miles above mouth _____	Drainage Area <u>10.7</u> sq.mi. <u>27.71</u> sq. km				

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	13	.4	660	201.2	10	3.1	650	198.1	.718 .72	
50	126	3.6							6961	
mean	140	4.1							7735 7.74	54,180

Remarks:

Part Alexander D-3