

WATERPOWER OF THE UNITED STATES

State Alaska Stream ~~Blue Lake~~ Sawmill Creek Site Blue Lake 1592

County _____ Owner City of Sitka

Mer. _____ T. _____ R. _____ Sec. _____ Constructed 1962

Lat. 57 ° 02 ' " Long. 135 ° 12 ' " Storage 150,000 af 185,023,500 m³

Miles above mouth _____ Installed capacity 6.00 mw

Drainage Area 37.5 sq.mi. 97.1 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	58	1.64	345	108.2	24	7.3	321	97.8	1.58	
50	470	13.31							12.82	
mean	485	13.73							13.23	92,610

Remarks: Sitka A-4

F. P. P. 2230