

WATERPOWER OF THE UNITED STATES

State	Alaska	Stream	Peterson Lake Creek	Site	Peterson Lake	2592
County	First Judicial Division			Owner		
Mer.	Copper River T. 39 S.	R.	65 E	Constructed		
Lat.	58 ° 26.6 ' "	Long.	134 ° 44.1 ' W. "	Storage	10,000	af 12,334,900 m ³
Miles above mouth				Installed capacity		
Drainage Area	5.08	sq. mi.	15.02	sq. km		
				Installable capacity		

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	5	0.1	670	204.			670	204.	0.29	
50	58	1.6							3.30	
mean	65	1.8							3.70	25,900

Remarks:

Juneau B-3

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Basin Index 13-A0

WATERPOWER OF THE UNITED STATES

State Alaska Stream Peterson Lake Site Peterson Lake

County First Judicial Division Owner _____

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

Lat. 58° 26.6' N " Long. 134° 44.1' W. " Storage 10,000 af 12,334,490 m³

Miles above mouth _____ Installed capacity _____ mw

Drainage Area 5.8 sq.mi. 15.02 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	5	.1	670	204.			670	204.	285,29	
50	58	1.6							3303,30	
mean	65	1.8							3702	25,900

Remarks:

*Subsided
Bore project*

Prepared by _____ Date _____

Juneau B-3