

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

19060000

Basin Index 13 B0

WATERPOWER OF THE UNITED STATES

State Alaska Stream Furuhelm River Site Furuhelm River

County <u>First Judicial Division</u>				Owner _____			
Mer. _____ T. _____ R. _____ Sec. _____		Lat. <u>56 ° 23 ' "</u> Long. <u>134 ° 48.1 ' "</u>		Constructed _____			
Miles above mouth _____				Storage <u>16,000</u> of <u>19,735,840</u> m ³			
Drainage Area <u>16.4</u> sq.mi. <u>42.48</u> sq. km				Installed capacity _____ mw			
				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	25	0.7	200	61.1	100	30.5	100	30.5	0.21	
50	180	5.1							1.53	
mean	200	5.7							1.70	11,900

Remarks: **Baranof Island - Port Alexander B-3, B-4**

Prepared by GCG Date _____

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(Feb. 1962)

U. S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Basin Index _____

1255

13 B0

WATERPOWER OF THE UNITED STATES

State Alaska Stream Furuhelm River Site Furuhelm River

County First Judicial Division Owner _____
 Mer. _____ T. _____ R. _____ Sec. _____ Constructed 19,735,840
 Lat. 56° 23' " Long. 134° 48.1' " Storage 16,000 af 3,735.84 m³
 Miles above mouth _____ Installed capacity _____ mw
 Drainage Area 16.4 sq. mi. 42.48 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	25	.7	200	61.1	100	30.5	100	30.5	.212	
50	180	5.1							1530	
mean	200	5.7							1700	11,900

Remarks:

Prepared by _____ Date _____

Pat Alexander P-3 P-4

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