

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

19060000

Basin Index 13 B C

WATERPOWER OF THE UNITED STATES

State Alaska Stream ~~Sheckley Lakes~~ Betty and Jetty Lakes Site Betty and Jetty Lakes

County <u>First Judicial Division</u>	Owner _____
Mer. _____ T. <u>64 S</u> R. <u>69 E</u> Sec. <u>29.30</u>	Constructed _____
Lat. <u>56 °17.5 ' "</u> Long. <u>134 °40.5 ' "</u>	Storage <u>18,000</u> of <u>22,202,820</u> m ³
Miles above mouth _____	Installed capacity _____ mw
Drainage Area <u>4.2</u> sq. mi. <u>10.88</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	10	.3	306	93.3	26	7.9	280	85.3	0.24	
50	90	2.6							2.14	
mean	100	2.8							2.38	16,660

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

Prepared by GCG Date _____

Form 9-1503
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U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Basin Index 9853
13-Bc

WATERPOWER OF THE UNITED STATES

State Alaska Stream Sheckley Lakes Site Betty and Jetty Lakes

County First Judicial Division Owner _____
Mer. T. 64S R. 69E Sec. 29, 30 Constructed 22202820
Lat. 56 ° 17.5' " Long. 134 ° 40.5' " Storage 18,000 of 4,200.82 m³
Miles above mouth _____ Installed capacity _____ mw
Drainage Area 4.2 sq. mi. 10.88 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	10	13	306	93.3	26	7.9	280	85.3	.238 .24	
50	90	2.6							2142	
mean	100	2.8							2380	16,660

Remarks:

Prepared by _____ Date _____

Port Alexander B-3 B-4 .