

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

19060000

Basin Index 12 B A

Chichagof Island

WATERPOWER OF THE UNITED STATES

State Alaska Stream Pelican Cove Creek Site Pelican Cove Creek

County <u>First Judicial Division</u>				Owner _____			
Mer. _____ T. _____ R. _____ Sec. _____		Lat. <u>57 ° 57 ' "</u> Long. <u>136 ° 12 ' "</u>		Constructed _____			
Miles above mouth _____				Storage <u>5,000</u> of <u>6,167,450</u> m ³			
Drainage Area <u>12.5</u> sq.mi. <u>32.38</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	11	0.3	130	39.6	2	0.6	128	7 /39	0.12	
50	135	3.8							1.47	
mean	150	4.3							1.63	11,410

Remarks: Sitka D-7

Prepared by GCG Date _____

Form 9-1503
(Feb. 1962)

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U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Basin Index 4417

13-BA

WATERPOWER OF THE UNITED STATES

State Alaska Stream Pelican Cove Cr. Site Pelican Cove Cr.

County First Judicial Division Owner _____
 Mer. _____ T. _____ R. _____ Sec. _____ Constructed _____
 Lat. 57 ° 57 ' " Long. 136 ° 12 ' " Storage ~~51000~~ 6,167,450 m³
 Miles above mouth _____ Installed capacity _____ mw
 Drainage Area 12.5 sq. mi. 32.38 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	11	.3	130	39.6	2	.6	128	39.	.120	
50	135	3.8							1549.455	1.47 ✓
mean	150	4.3							1721	12,040

Remarks:

1.63 ✓
11,410 ✓

Prepared by _____ Date _____

Sitka D-7