

Form 9-1503  
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR  
GEOLOGICAL SURVEY

Site No 1905 0002 24

209 ✓

Basin Index 14 KB

WATERPOWER OF THE UNITED STATES

State Alaska Stream Ptarmigan Lake Creek Site Ptarmigan Creek Lake

County \_\_\_\_\_ Owner \_\_\_\_\_  
 Mer. \_\_\_\_\_ T. \_\_\_\_\_ R. \_\_\_\_\_ Sec. \_\_\_\_\_ Constructed \_\_\_\_\_  
 Lat. 60 ° 27 ' 50 " Long. 149 ° 21 ' 20 " Storage 37,000 of 45,639,130 m<sup>3</sup>  
 Miles above mouth \_\_\_\_\_ Installed capacity \_\_\_\_\_ mw  
 Drainage Area 30 sq.mi. 77.70 sq. km Installable capacity \_\_\_\_\_ mw

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100% Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m <sup>3</sup> /sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	9	0.3	806	245.7	438	133.5	368	112.2	0.28	
50	53	1.5	802		436		366		1.66	
mean	102	3.1							3.19	22,330

Remarks: **Seward B-7**

Prepared by GCG Date \_\_\_\_\_

WATERPOWER OF THE UNITED STATES

State Alaska Stream Ptarmigan Lake Site Ptarmigan Creek 2592

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County \_\_\_\_\_ Owner \_\_\_\_\_

Mer. \_\_\_\_\_ T. \_\_\_\_\_ R. \_\_\_\_\_ Sec. \_\_\_\_\_ Constructed \_\_\_\_\_

Lat. 60° 27' 50" Long. 149° 21' 20" Storage 37,000 of 45,639,130 m<sup>3</sup>

Miles above mouth \_\_\_\_\_ Installed capacity \_\_\_\_\_ mw

Drainage Area 30 sq.mi. 77.70 sq. km Installable capacity \_\_\_\_\_ mw

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100% Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m <sup>3</sup> /sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	9	.3	806	245.7	438	133.5	368	112.2	.281	
50	53	1.5							1.658	1.66
mean	102	3.1							3190	22,330.

Remarks:

Seward B-7