

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

19060000

Basin Index 13 A D

WATERPOWER OF THE UNITED STATES

State Alaska Stream Chilkat River Site Chilkat River

County First Judicial Division
 Mer. Copper River T. 26 S., R. 56 E., Sec. 8.
 Lat. 59 °38 'N " Long. 135 ° 56 W "
 Miles above mouth _____
 Drainage Area 162.8 sq.mi. 421.65 sq. km

Owner _____
 Constructed _____
 Storage 120,000 af 148,018,800 m³
 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	142	4.0	500	152.4	200	61.0	300	91.4	3.62	
50	1500	42.5							38.25	
mean	1620	45.9							41.31	289,170

Remarks: Skagway C-3

Prepared by GCG Date _____

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U. S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Basin Index 549

13 AD

WATERPOWER OF THE UNITED STATES

State Alaska Stream Chilkat River Site Chilkat River

County <u>First Judicial Division</u>				Owner _____	
Mer. _____ T. _____ R. _____ Sec. _____	Constructed _____ <u>148,018,800</u>				
Lat. <u>59 ° 38.N'</u> " Long. <u>135 ° 56' W.</u> "	Storage <u>120,000</u> af		<u>14,018,800</u> m ³		
Miles above mouth _____	Installed capacity _____ mw				
Drainage Area <u>162.8</u> sq.mi. <u>421.65</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	142	4.0	500	152.4	200	61.0	300	91.4	3621	
50	1500	42.5							38250	
mean	1620	45.9							41310	289,100

Remarks:

45.87

289,170

Prepared by _____ Date _____

Skogway C-3