

FPP 1051

19060000

Form 9-1503

(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR

GEOLOGICAL SURVEY

Basin Index

13-HD

WATERPOWER OF THE UNITED STATES

State AlaskaStream Dewey LakesSite Lower Dewey Lake
Skagway

2592

County First Judicial DivisionOwner Community Utilities, Inc.Mer. Copper R.T. 28 S., R. 59 E., Sec. ^{SE 1/4} 14Constructed 1902Lat. 59 ° 27 ' " Long. 135 ° 16 ' "Storage 400 af 49 3 396 m³Miles above mouth 19Installed capacity .34 mwDrainage Area 1728.2 sq. mi. 21.2 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	5	0.14	450	137.2	0		450	137.2	0.19	
50	26	0.74							0.99	
mean	29	0.82							1.12	7840

Remarks:

Drainage area includes diversion from Red Falls Creek and
Snyder Creek.

Diverts out of Basin.

FPP 1051

Prepared by GCG

Date _____

Spogway B-1

WATERPOWER OF THE UNITED STATES

State <u>Alaska</u>	Stream <u>Dewey Lakes</u>	Site <u>Skagway</u>
County <u>First Judicial Division</u>		Owner <u>Community Utilities, Inc.</u>
Mer. <u>Copper RT.</u> R. _____ Sec. _____		Constructed <u>1902</u>
Lat. <u>59 ° 27 ' "</u> Long. <u>135 ° 19 ' "</u>		Storage <u>400</u> af <u>493,396</u> m ³
Miles above mouth _____		Installed capacity <u>.34</u> mw
Drainage Area <u>8.2</u> sq.mi. <u>21.2</u> sq.km		Installable capacity _____ mw

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100 % Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m3/sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	5	0.14	450	137.2	0		450	137.2	0.19	
50	26	0.74							0.99	
mean	29	0.82							1.12	7,840

Remarks: Drainage area includes diversion from Reid Falls Creek and Snyder Creek.

Skagway B-1

F.P.R. 1051