

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

19060000

TRIANGLE

Basin Index 13-C¹⁰³

WATERPOWER OF THE UNITED STATES

State Alaska Stream Hassler Lake Site Hassler Creek 2592

County <u>First Judicial Division</u>	Owner _____
Mer. _____ T. _____ R. _____ Sec. _____	Constructed _____
Lat. <u>55 ° 13.1' N</u> " Long. <u>131 ° 27.9' W.</u> "	Storage <u>15,000</u> af of <u>18,502,350</u> m ³
Miles above mouth _____	Installed capacity _____ mw
Drainage Area <u>5.3</u> sq.mi. <u>13.73</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	6	0.2	405	123.4	30	9.1	375	114.3	0.19	
50	45	1.3							1.43	
mean	50	1.4							1.59	11,130

Remarks: 36200ac ft/yr
Annette Island

Ketchikan A-5

Prepared by GCG Date _____

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U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Basin Index 9103

13 CE

WATERPOWER OF THE UNITED STATES

State Alaska Stream Hassler Lake Site Hassler Creek

County First Judicial Division
 Mer. _____ T. _____ R. _____ Sec. _____
 Lat. 55° 13.1' N " Long. 131° 27.9' W. "
 Miles above mouth _____
 Drainage Area 5.3 sq.mi. 13.73 sq. km

Owner _____
 Constructed _____
 Storage 15,000 af 18,502,350 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	6	.2	405	123.4	30	9.1	375	114.3	.191	
50	45	1.3							1434	
mean	50	1.4							1594	11,130

Remarks:

Prepared by _____ Date _____

Sketches A-3