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Revillagigeda Island - TONGASS NATH Forest

19060000

Form 9-1503

(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR

GEOLOGICAL SURVEY

Basin Index 13 C

WATERPOWER OF THE UNITED STATES

State AlaskaStream January LakeSite January Lake

2592

County First Judicial Division

Mer. _____ T. _____ R. _____ Sec. _____

Lat. 55 °35.6 ' " Long. 131 ° 05 W ' "

Miles above mouth _____

Drainage Area 2.6 sq. mi. 6.73 sq. km

Owner _____

Constructed _____

Storage 5,000 af 6,167,450 m³

Installed capacity _____ mw

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	6	0.2	650	198.	280	85.3	370	112.8	0.19	
50	33	0.9							1.04	
mean	35	1.1							1.10	7,700

Remarks:

Revillagigeda Island - Ketchikan C-4Prepared by GCG Date _____

Form 9-1503
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U. S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Basin Index 13 CE

WATERPOWER OF THE UNITED STATES

State <u>Alaska</u>	Stream <u>January Lake</u>	Site <u>January Lake</u>	2592
County <u>First Judicial Division</u>		Owner _____	
Mer. _____ T. _____ R. _____ Sec. _____		Constructed <u>6,167.450</u>	
Lat. <u>55 ° 35.6 ' "</u> Long. <u>131 ° 05 ' W "</u>		Storage <u>5,000</u> af <u>1,167.45</u> m ³	
Miles above mouth _____		Installed capacity _____ mw	
Drainage Area <u>2.6</u> sq. mi. <u>6.73</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	.2	650	198	280	85.3	370	112.8	.18919	
50	33	.9							.04 1038.3	
mean	35	1.1							1101	7,700

Remarks:

Prepared by _____ Date _____

Ketchikan C-4