2 Revillagigedo Isl. TONGASS NAT. FOREST 19060000 92

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Basin Index 13 C E

WATERPOWER OF THE UNITED STATES

State Alaska Stream Manzanita Creek Site Manzanita Lake No. 1

County

Mer. Copper River T. 72 S. R. 94 E Sec. 32-33

Lat. 55 ° 35 ' N " Long. 131 ° 01 ' W. "

Miles above mouth

Drainage Area 66.9 sq.mi. 173.27 sq. km

Owner

Constructed

Storage 265,000af 326,874,850 m³

Installed capacity mw

Installable capacity mw

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER	ESTIMATED AVERAGE ANNUAL GENERATION
Percent duration	cfs	m³/sec	Forebay		Tailrace		Gross		mw-100% Eff.	mwh
			ft.	m	ft.	m	ft.	m		
95	98	2.8	300	91.4	135	41.2	165	50.3	1.37	
50	455	12.9							6.38	
mean	500	14.2							7.01	49,070

Remarks: Revillagigedo Island - Ketchikan C-4

Prepared by GCG Date

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Basin Index 13 CE

~~17~~ 93

WATERPOWER OF THE UNITED STATES

State Alaska Stream Manzanita Creek Site Manzanita Lake No. 1

County
Mer. T. R. Sec.
Lat. 55 ° 35 ' N " Long. 131 ° 01 ' W "
Miles above mouth
Drainage Area 66.9 sq.mi. 188.03 sq. km

Owner
Constructed 326,874,850
Storage 265,000 af ~~64,874.85~~ m³
Installed capacity mw
Installable capacity mw

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER	ESTIMATED AVERAGE ANNUAL GENERATION
			Forebay		Tailrace		Gross			
Percent duration	cfs	m³/sec	ft.	m	ft.	m	ft.	m	mw-100 % Eff.	mwh
95	98	2.8	300	91.4	135	41.2	165	50.3	1.377 ~~1.41~~	1.57
50	455	12.9							6.397 ~~6.40~~	6.30
mean	500	14.2							7.022 ~~7.02~~	49,190

Remarks:

Prepared by Date

Ketchikan C-4