

WATERPOWER OF THE UNITED STATES

State	Alaska	Stream	Parry Lake	Site	Parry Lake
County				Owner	
Mer. T. R. Sec.				Constructed	
Lat. 56 ° 38.1' " Long. 134 ° 40.8' "				Storage 5,000 af 6,167,450 m ³	
Miles above mouth				Installed capacity mw	
Drainage Area 6.1 sq. mi. 15.80 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	21	.6	325	99.0	35	10.7	290	88.4	0.52	
50	113	3.4							2.79	
mean	125	3.5							3.08	21,560

Remarks:

Baranof Island - Port Alexander C-3

WPS A 1947

Lake elev. 380

Drain area 6.1

Slide above outlet would require tunnel for draw down.

Tunnel & conduit 3800' to p.h.

30' dam

PSC 221 Lands below 400 elev. lake and stream

Quad Port Alexander C-3

No Lake elev.

below 300 contour maybe

about 280 4500' conduits

The low head and long

conduit makes this a margin_{al}

project.

Would need levels to Lake & location
of reservoir surface. Also random
soundings if drawn down must be
considered for storage.

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Basin Index 13 Bc

WATERPOWER OF THE UNITED STATES

State Alaska Stream Parry Lake Site Parry Lake

County First Judicial Division

Mer. T. R. Sec.

Lat. 56 ° 38.1 ' " Long. 134 ° 40.8 ' "

Miles above mouth

Drainage Area 6.1 sq.mi. 15.80 sq. km

Owner

Constructed 6, 167, 450

Storage 5,000 af 2, 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	21	.6	325	99.0	35	10.7	290	88.4	.518	.52
50	113	3.4							.2785	.279
mean	125	3.5							.3081	21,560

Remarks:

Prepared by Date

- WPS #1947

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E.D.