

WATERPOWER OF THE UNITED STATES

State Alaska Stream 19 Lake Mellen Site Reynolds Creek

County First Judicial Division Owner _____

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

Lat. 55 ° 12.7' N " Long. 132 ° 36.4' W. " Storage 7,000 of 8,634,430 m³

Miles above mouth _____ Installed capacity _____ mw

Drainage Area 5.7 sq.mi. 14.76 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	14	0.4	893	272.2	28	8.5	865	263.7	1.03	
50	56	1.6							4.12	
mean	62	1.8							4.56	31,920

Remarks:

Lower Unit of Summitt Lake

Prince of Wales Island - Craig A-2

Form 9-1503
(Feb. 1962)

Basin 7 miles 92

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Basin Index 82
1300

WATERPOWER OF THE UNITED STATES

State Alaska Stream Lake Mellen Site Reynolds Creek

County First Judicial Division
Mer. _____ T. _____ R. _____ Sec. _____
Lat. 55 ° 12.7' N. " Long. 132 ° 36.4' W. "
Miles above mouth _____
Drainage Area 5.7 sq.mi. 14.76 sq. km

Owner _____
Constructed 8634430
Storage 7,000 af 1,634,430. 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	14	.4	893	272.2	28	8.5	865	263.7	1029.03	
50	56	1.6							4117.12	
mean	62	1.8							4558.456	31,920

Remarks:

Lower Unit of Summit John

Prepared by _____ Date _____

Craig A. 2