

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Basin Index 13 Bc

19060000

WATERPOWER OF THE UNITED STATES

State	Alaska	Stream	Medvejia Lake Medvejia	Site	Medvejia Lake
County				Owner	
Mer. T. R. Sec.				Constructed	
Lat. 57 ° 01 ' " Long. 135 ° 09 ' "				Storage 12.500 af 15,418,625	
Miles above mouth				Installed capacity	
Drainage Area 5.8 sq. mi. 15.02 sq. km				Installable capacity	

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	10	.3	270	82.3			270	82.3	.229 .23	
50	54	1.5							1.239 1.24	
mean	60	1.7							1.377 1.38	9.660

Remarks:

Prepared by _____ Date _____

Sitka 174

WATERPOWER OF THE UNITED STATES

State Alaska Stream Medveja Lake Site Medveja Lake

County First Judicial Division Owner _____
Mer. _____ T. _____ R. _____ Sec. _____ Constructed _____
Lat. 57 ° 01 ' " Long. 135 ° 09 ' " Storage 12,500 af 15,418,625 m³
Miles above mouth _____ Installed capacity _____ mw
Drainage Area 5.8 sq. mi. 15.02 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	10	0.3	270	82.3			270	82.3	0.23	
50	54	1.5							1.24	
mean	60	1.7							1.38	9,660

Remarks: Baranof Island - Sitka A-4