

Form 9-1503  
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR  
GEOLOGICAL SURVEY

Basin Index 13 BC

WATERPOWER OF THE UNITED STATES

State	Alaska	Stream	Lake Irina	Site	Lake Irina
County	First Judicial Division			Owner	
Mer.	T.	R.	Sec.	Constructed	
Lat.	56 ° 55.0'	"	Long.	135 ° 08.9'	"
Miles above mouth				Storage	5,000 af 6,167,450 m <sup>3</sup>
Drainage Area	1.3	sq. mi.	3.37	sq. km	Installed capacity _____ mw
					Installable capacity _____ mw

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100 % Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m <sup>3</sup> /sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	0		1835	559.3	10	3.0	1825	556.3	0	
50	13	.4							2.02	
mean	15	.4							2.33	16,310

Remarks:

Baranof Island - Port Alexander D-4

Prepared by GCG Date \_\_\_\_\_

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U.S. DEPARTMENT OF INTERIOR  
GEOLOGICAL SURVEY

Basin Index 13 BC

WATERPOWER OF THE UNITED STATES

State Alaska

Stream

Lake Irina

Site

Lake Irina

County First Judicial Division

Mer.        T.        R.        Sec.       

Lat. 56 ° 55.0 ' " Long. 135 ° 08.9 ' "

Miles above mouth       

Drainage Area 1.3 sq. mi. 3.37 sq. km

Owner       

Constructed 6, 167, 450

Storage 5 000 af ~~7, 167, 45~~ m<sup>3</sup>

Installed capacity        mw

Installable capacity        mw

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100 % Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m <sup>3</sup> /sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	0		1835	559.3	10	3.0	1825	556.3	0	
50	13	1.4							2017	.02
mean	15	1.4							2327	2.33
										16,310

Remarks:

Prepared by        Date

Post Abroad D-4