

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

1906000

52

Basin Index 13 BC

WATERPOWER OF THE UNITED STATES

State Alaska Stream ~~Lucy Lake~~ Clarks Pond Site ~~Lucy Lake~~ Clarks Pond

County First Judicial Division
 Mer. _____ T. _____ R. _____ Sec. _____
 Lat. 56 19.2 ' " Long. 134 42.4 ' " "
 Miles above mouth _____
 Drainage Area 1.9 sq. mi. 4.92 sq. km

Owner _____
 Constructed _____
 Storage 5,000 af 6,167,450 m³
 Installed capacity _____ mw
 Installable capacity _____ mw

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100% Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m ³ /sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	5	.1	420	128.	45	13.7	375	114.3	0.16	
50	34	1.1							1.08	
mean	38	1.1							1.21	8,470

Remarks:

Baranof Island - Port Alexander B-3, B-4

Prepared by GCG Date _____

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summary 9th

U. S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Basin Index 47 52

13 Bc

WATERPOWER OF THE UNITED STATES

State Alaska

Stream Lucy Lake *Clarks Pond* Site Lucy Lake

County First Judicial Division

Owner _____

Mer. T. 645 R. 68E Sec. 12

Constructed 6167 450

Lat. 56 ° 19.2 ' " Long 134 ° 42.4 ' "

Storage 5,000 af 1,167.45 m³

Miles above mouth _____

Installed capacity _____ mw

Drainage Area 1.9 sq. mi. 4.92 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	5	.1	420	128.	45	13.7	375	114.3	.159 .16	
50	34	1.1							1084	
mean	38	1.1							1211	8,470

Remarks:

Prepared by _____ Date _____

Port Alexander B-3 + B-4