

## WATERPOWER OF THE UNITED STATES

State <u>Alaska</u>	Stream <u>Four Falls Lake</u>	Site <u>Four Falls Lake</u>	2592
County <u>First Judicial Division</u>		Owner _____	
Mer. _____ T. _____ R. _____ Sec. _____		Constructed _____	
Lat. <u>56 °59.9 ' "</u> Long. <u>134 °44.2 ' "</u>		Storage <u>10,000</u> af <u>12,334,900</u> m <sup>3</sup>	
Miles above mouth _____		Installed capacity _____ mw	
Drainage Area <u>1.8</u> sq. mi. <u>4.66</u> sq. km		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		1466	446.8	16	4.9	1450	442.1	0	
50	21	0.6							2.59	
mean	23	0.7							2.83	19,810

Remarks: **Baranof Island - Port Alexander D-3**

Form 9-1503  
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR  
GEOLOGICAL SURVEY

Basin Index 13 Bc

WATERPOWER OF THE UNITED STATES

State Alaska Stream Four Falls Lake Site Four Falls Lake

County First Judicial Division Owner \_\_\_\_\_  
 Mer. \_\_\_\_\_ T. \_\_\_\_\_ R. \_\_\_\_\_ Sec. \_\_\_\_\_ Constructed 12,334,900  
 Lat. 56 ° 59.9 ' " Long. 134 ° 44.2 ' " Storage 10,000 of 2,334,900 m<sup>3</sup>  
 Miles above mouth \_\_\_\_\_ Installed capacity \_\_\_\_\_ mw  
 Drainage Area 1.8 sq. mi. 4.66 sq. km 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		1466	446.8	16	4.9	1450	442.1	2.59	
50	21	.6					<del>2588</del>		2.588	
mean	23	.7					<del>2000</del>		2.835	19,880

Remarks:

2.83

19,810

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

Port Republic D-3

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