

Form 9-1503
(Feb. 1962)U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Basin Index

WATERPOWER OF THE UNITED STATES

State Alaska	Stream Lake Whitman	Site Lake Whitman	2592
County First Judicial Division		Owner _____	
Mer. _____ T. _____ R. _____ Sec. _____		Constructed _____	
Lat. 55 ° 20.0 ' N. " Long. 131 ° 31.9 ' W. "		Storage 6,5000 af 8,017,685 m ³	
Miles above mouth _____		Installed capacity _____ mw	
Drainage Area 4.75 sq.mi. 12.30 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	9	.3	380	115.8	105	32.0	275	83.8	0.21	
50	81	2.3							1.89	
mean	90	2.6							2.10	14,700

Remarks: **Under construction FPP #2328****Ketchikan B-5**

Prepared by _____ Date _____

499
13-CE

WATERPOWER OF THE UNITED STATES

State Alaska Stream Lake Whitman Site Lake Whitman

County First Judicial Division
 Mer. _____ T. _____ R. _____ Sec. _____
 Lat. 55 ° 20.0' N " Long. 131 ° 31.9' W "
 Miles above mouth _____
 Drainage Area 4.75 sq. mi. 12.30 sq. km

Owner _____
 Constructed _____
 Storage 4,500 af 8,017,685 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	9	.3	420	128.0	9	2.7	427	130.1	327 33	
50	81	2.3	380		10.5		275		2940	
mean	90	2.6							3266 3.27	22,890

Remarks:

Under construction FPP # 2325

*0.21
1.89
2.10*

Sketchbook B-5