

WATERPOWER OF THE UNITED STATES

State Alaska Stream Menefee Lake Site Menefee Lake

County First Judicial Division Owner _____
 Mer. Copper R.T. 675 R. 85E Sec. 10 Constructed _____
 Lat. 56°04.9 ' " Long. 132°13.8 ' " Storage 16,000 * ^{required} of 19,735,840 m³
 Miles above mouth 0.8 Installed capacity _____ mw
 Drainage Area 3.5 * sq. mi. 9.07 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	0.1	1040	317.1	75	22.9	965	294.1	0.41	
50	34	1.1			0.1x		1040		2.79	
mean	42 *	1.2			8/17				3.45 ^{3.713}	24,150

Remarks: Etolin Island - Petersburg A-1

* ^{Report,} FPC 1947 US 800, 16,000 between 730-800
 Powerhouse located at mouth of Menefee Cascade.

Form 9-1503
(Feb. 1962)

Etobin 9.2

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Basin Index 90⁷²

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WATERPOWER OF THE UNITED STATES

State Alaska Stream Menefee Lake Site Menefee Lake

County <u>First Judicial Division</u>				Owner _____			
Mer. _____	T. _____	R. _____	Sec. _____	Constructed <u>1973 840</u>			
Lat. <u>56 ° 04.9'</u> " Long. <u>132 ° 13.8'</u> "				Storage <u>16,000</u> af <u>3,735.84</u> m ³			
Miles above mouth _____				Installed capacity _____ mw			
Drainage Area <u>3.5</u> sq. mi. <u>9.07</u> 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	1040	317.1	75	22.9	965	294.1	.410	
50	34	1.1							2789.79	
mean	42	1.2							3445.45	24,150

Remarks:

Prepared by _____ Date _____

Petersburg 71