

WATERPOWER OF THE UNITED STATES

State Alaska Stream Olive Lake Site Olive Lake 2592

County <u>First Judicial Division</u>	Owner _____
Mer. _____ T. _____ R. _____ Sec. _____	Constructed _____
Lat. <u>56 ° 10.6 ' " </u> Long. <u>132 ° 20 ' " </u>	Storage <u>5,000</u> af <u>6,167,450</u> m ³
Miles above mouth _____	Installed capacity _____ mw
Drainage Area <u>8.3</u> sq. mi. <u>21.50</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	13	0.4	480	146.3	120	36.6	360	109.7	0.40	
50	94	2.7							2.88	
mean	105	3.1							3.21	22,470

Remarks: Etolin Island - Petersburg A-2