

WATERPOWER OF THE UNITED STATES

State Alaska Stream Nelson Lakes Site Nelson Lakes 2592

County <u>First Judicial Division</u>	Owner _____
Mer. _____ T. _____ R. _____ Sec. _____	Constructed _____
Lat. <u>56 ° 56.5 ' "</u> Long. <u>134 ° 44.5 ' "</u>	Storage <u>16,000</u> af <u>19,735,840</u> m ³
Miles above mouth _____	Installed capacity _____ mw
Drainage Area <u>6.3</u> sq.mi. <u>16.32</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	9	<u>0.3</u>	469	<u>143.1</u>	29	<u>8.8</u>	440	<u>134.1</u>	0.34	
50	77	<u>2.2</u>							2.88	
mean	85	<u>2.4</u>							3.18	22,260

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

Pat Alexander D-3

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