

WATERPOWER OF THE UNITED STATES

State Alaska Stream Spur Mountain Lake Site Spur Mountain 2592

County _____	Owner _____
Mer. _____ T. _____ R. _____ Sec. _____	Constructed _____
Lat. <u>56</u> ° <u>09</u> ' " Long. <u>131</u> ° <u>04</u> ' "	Storage <u>60,000</u> of <u>74,009,400</u> m ³
Miles above mouth _____	Installed capacity _____ mw
Drainage Area <u>10.5</u> sq.mi. <u>27.19</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	11	0.3	1960	597.4	100	30.5	1860	566.9	1.74	
50	115	3.3							18.20	
mean	129	3.7							20.39	142,730

Remarks: **Bradfield Canal A-4**

WATERPOWER OF THE UNITED STATES

State Alaska Stream Spur Mtn Lake Site Spur Mountain 2592

County _____ Owner _____

Mer. _____ T. _____ R. _____ Sec. _____ Constructed _____

Lat. _____ ° ' " Long. _____ ° ' " Storage 60,000 of 74,009,400 m³

Miles above mouth _____ Installed capacity _____ mw

Drainage Area 10.5 sq. mi. 27.19 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	<u>11</u>		<u>1960</u>	<u>597.4</u>	<u>100</u>	<u>30.5</u>	<u>1860</u>	<u>566.9</u>	<u>1.74</u>	
50	<u>115</u>								<u>18.20</u>	
mean	<u>129</u>								<u>20.39</u>	<u>142,730</u>

Remarks:

Brodfield Canal A-4