

WATERPOWER OF THE UNITED STATES

State Alaska Stream Marten Creek Site Marten Creek 2582

County <u>First Judicial Division</u>				Owner _____	
Mer. _____ T. _____ R. _____ Sec. _____		Constructed _____			
Lat. <u>56 ° 17 N'</u> " Long. <u>131 ° 51 ' W.</u> "		Storage <u>5,000</u> af <u>6,167,450</u> m ³			
Miles above mouth _____				Installed capacity _____ mw	
Drainage Area <u>2.8</u> sq. mi. <u>7.25</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	<u>2</u>	<u>.1</u>	<u>1035</u>	<u>315.5</u>	<u>200</u>	<u>61.1</u>	<u>835</u>	<u>254.5</u>	<u>0.14</u>	
50	<u>27</u>	<u>.8</u>							<u>1.92</u>	
mean	<u>32</u>	<u>.9</u>							<u>2.27</u>	<u>15,890</u>

Remarks: **Bradfield Canal B-6 Quad**

v 70 Quad.

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Basin Index _____

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			ft.	m	ft.	m	ft.	m		
95	2	.1	1035	315.5	200	61.1	835	254.5	.142	
50	27	.8							1.92	1916
mean	32	.9							2271	15,890

Remarks:

Prepared by _____ Date _____

Brodell cond B-6