

## WATERPOWER OF THE UNITED STATES

State Alaska Stream Harding River Site Harding River 2582

County <u>First Judicial Division</u>	Owner _____
Mer. _____ T. _____ R. _____ Sec. _____	Constructed _____
Lat. <u>56 ° 15.4 ' N</u> " Long. <u>131 ° 38.8 ' W</u> "	Storage <u>170,000</u> af <u>209,693,300</u> m <sup>3</sup>
Miles above mouth _____	Installed capacity _____ mw
Drainage Area <u>58</u> sq. mi. <u>150.22</u> sq. km	Installable capacity _____ mw

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100 % Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m <sup>3</sup> /sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	90	<u>2.6</u>	280	<u>85.3</u>	90	<u>27.4</u>	190	<u>57.9</u>	1.45	
50	590	<u>16.7</u>							9.53	
mean	630	<u>17.8</u>							10.17	71,190

Remarks: **Bradfield Canal B-5 Quad**

WPSA 1949

Survey by Dort 1921 ← order  
↳ ↳ USBS

FPP 61, 1921, power  
house 2000' below dam

good dam site for a  
190' dam

Check reservoir  
capacity on Quad  
does not look as  
large as reported  
in WPSA 1949

Quad Bradford Canal  
A-5, A-6, B-5, B-6

Contours on Quad do  
not show the dam site  
area to be as good  
as reported by Dort  
would need geologic  
investigation of this  
low area.

PSC 192 Lands within 1/4 mile of River Mile 0-10  
PS Case 39 retain only lands with claim by FPP 61

FPP 61 Lands within 1/4 mile of River about Mile 2.5-14  
area reported 1840 acres should be 3680

Form 9-1503  
(Feb. 1962)

U. S. DEPARTMENT OF INTERIOR  
GEOLOGICAL SURVEY

Basin Index 117

13 DC

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			ft.	m	ft.	m	ft.	m		
95	90	2.6	280	85.3	90	27.4	190	57.9	1453	
50	590	16.7							9528.53	
mean	630	17.8							10174.17	71,190

Remarks:

Prepared by \_\_\_\_\_ Date \_\_\_\_\_

Bradford Cord B-5

1912

RECEIVED BY THE UNITED STATES

1912