

## WATERPOWER OF THE UNITED STATES

State <u>Alaska</u>	Stream <u>White River</u>	Site <u>White River</u>
County <u>First Judicial Division</u>		Owner _____
Mer. _____ T. _____ R. _____ Sec. _____		Constructed _____
Lat. <u>56 ° 13.9' N</u> " Long. <u>131 ° 30.1' W</u> "		Storage <u>3,000</u> af <u>3,700,470</u> m <sup>3</sup>
Miles above mouth _____		Installed capacity _____ mw
Drainage Area <u>43</u> sq. mi. <u>111.37</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	74	2.1	326	99.4	4	1.2	330	100.6	2.08	
50	477	13.5							13.38	
mean	530	15.0							14.87	104,090

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

WPSA 1947

Drain area 43 at Mile 0?

Damsite Mile 1.5

40' dam only, because  
of slide material in old  
channel to the east.

pool about 390

Small reservoir

Coal. Broad field Canal A-5, B-5

Shows possible site near  
mile 1,

Site near Mile 1.5  
w/ elev. 340.

need survey or at least  
geologic investigation  
of both sites to  
determine feasibility

PSC 192 all lands within  $\frac{1}{4}$  mile of River

Mile 0 - 1.25 or 1.50

FPP 157 Our records do not show amendment  
to include White River

Form 9-1503  
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR  
GEOLOGICAL SURVEY

Basin Index 24/118

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WATERPOWER OF THE UNITED STATES

State Alaska Stream White River Site White River 2592

County <u>First Judicial Division</u> Mer. _____ T. _____ R. _____ Sec. _____ Lat. <u>56 ° 13.9' N.</u> " Long. <u>131 ° 30.1' W</u> " Miles above mouth _____ Drainage Area <u>43</u> sq. mi. <u>111.37</u> sq. km	Owner _____ Constructed _____ Storage <u>3,000</u> af <u>3,700,470</u> m <sup>3</sup> Installed capacity _____ mw Installable capacity _____ mw
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Percent duration	cfs	m <sup>3</sup> /sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	74	2.1	326	99.4	4	1.2	330	100.6	2076 .08	
50	477	13.5							13380	
mean	530	15.0							14866 .87	104,090

Remarks:

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

Bradford Carol A-5