

5

FPP 917?

19060000

129 ✓

Form 9-1503

U.S. DEPARTMENT OF INTERIOR

Basin Index 13-D D

(Feb. 1962)

GEOLOGICAL SURVEY

WATERPOWER OF THE UNITED STATES

State Alaska Stream Davis River Site Davis River 2592

County <u>First Judicial Division</u>	Owner _____
Mer. _____ T. _____ R. _____ Sec. _____	Constructed _____
Lat. <u>55 ° 46 ' N " " Long. <u>130 ° 10 ' W. " "</u></u>	Storage <u>178,000</u> of <u>219,561,220</u> m ³
Miles above mouth _____	Installed capacity _____ mw
Drainage Area <u>79.24</u> sq. mi. <u>205.23</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	92	3.0	535	163.1			535	163.1	4.18	
50	880	25.0							40.02	
mean	916	26.0							41.66	291,620

Remarks: **Ketchikan D-1 Quad**Prepared by GCG Date _____

WPSA 1947

Survey under FPP 917 we have

ultimate height of dam 440' Elev 590

Storage 500-600 = 96,000 af

withdraw lands below 600'

Mile 0-6

(withdrawal is satisfactory for
dam to elev. 600)

FPP 917 All lands within proj. boundary Map Ex. R sheet 2 of 7

Map shows boundary as a surveyed line outside of
the 600 contour, and extending 4500' South of
mouth of River

Good Kat (D-1)

Indicates the River
Surface may be lower
at the dam site than
that shown on map for
FPP 917

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Basin Index 127

13 D D

WATERPOWER OF THE UNITED STATES

State Alaska Stream Davis River Site Davis River 2592

County <u>First Judicial Division</u>				Owner _____	
Mer. _____	T. _____	R. _____	Sec. _____	Constructed _____	
Lat. <u>55° 46' N.</u> " Long. <u>130° 10' W.</u> "				Storage <u>178,000</u> of <u>219,561,220</u> m ³	
Miles above mouth _____				Installed capacity _____ mw	
Drainage Area <u>79.24</u> sq. mi. <u>205.23</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	92	3.0	535	163.1	0	0	535	163.1	4,183	
50	880	25.0							40,018.02	
mean	916	26.0							41,655.66	291,620

Remarks:

Prepared by _____ Date _____

Kitchikan P-1