

WATERPOWER OF THE UNITED STATES

State Alaska Stream Nenana River Site McKinley 2592

County _____	Owner _____
Mer. <u>T.</u> <u>13 S.</u> R. <u>7 W.</u> Sec. <u>27</u>	Constructed _____
Lat. <u>63° 45' 20"</u> Long. <u>148° 54' 00"</u>	Storage <u>pondage</u> of _____ m ³
Miles above mouth _____	Installed capacity _____ mw
Drainage Area <u>1825</u> sq. mi. <u>4727</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	393	11.1	1700	518.2	1400	426.7	300	91.4	10.02	
50	1325	37.5							33.79	
mean	3400	96.3							86.70	606,900

Remarks: **Development improbable because of questionable geologic feasibility**

Healy D-4

Form 9-1503
(Feb. 1962)

U. S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

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Percent duration	cfs	m ³ /sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	393	11.1 ✓	1700	518.2	1400	426.7	300	91.4	10,021 ✓	
50	1325	37.5 ✓							33,787 ✓	
mean	3400	96.3 ✓							86,700 ✓	606,700

Remarks:

Development unprofitable because of questionable geologic feasibility

Prepared by _____ Date _____

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