

WATERPOWER OF THE UNITED STATES

State Alaska Stream Skwentna River Site Shell 2592

County _____	Owner _____
Mer. <u>Seward</u> T. <u>21 N.</u> R. <u>12 W.</u> Sec. <u>30-31</u>	Constructed _____
Lat. <u>61 ° 52 ' 40 "</u> Long. <u>151 ° 20 ' 40 "</u>	Storage <u>380,000</u> of <u>468,726,200</u> m ³
Miles above mouth _____	Installed capacity _____ mw
Drainage Area <u>2070</u> sq. mi. <u>5361.3</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	837	23.7	300	91.4	200	61.0	100	30.5	7.11	
50	1850	52.4							15.72	
mean	6621	187.5							56.28	393,960

Remarks: **Tyonek D-4**

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	837	23.7	300	91.4	200	61.0	100	30.5	7,114	
50	1850	52.4							15,725	
mean	6621	187.5							56,278	393,960 ✓

Remarks: _____

56.28

Prepared by _____ Date _____

Tyonek D4