

WATERPOWER OF THE UNITED STATES

State Alaska Stream Skwentna River Site Shell 1592

County _____ Owner _____

Mer. _____ T. 21 N R. 12 W Sec. 30-31 Constructed _____

Lat. 61 ° 52 ' 40 " Long. 151 ° 20 ' 40 " Storage 380,000 of 468,726,200 m³

Miles above mouth _____ Installed capacity _____ mw

Drainage Area 2070 sq. mi. 5361.3 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 quadrangle