

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Site No 1906 0002-64 ^{TK} 179 203 ✓
Basin Index 14 JG

WATERPOWER OF THE UNITED STATES

State Alaska Stream Eagle River Site Lower Eagle River #2 2592

County _____ Owner _____

Mer. SEWARD T. 14 N R. 2 W Sec. 16 & 17 Constructed _____

Lat. 61 ° 18 ' 20 " Long. 149 ° 39 ' 30 " Storage Pondage of _____ m³

Miles above mouth _____ Installed capacity _____ mw

Drainage Area 206 sq. mi. 607.7 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	39	1.1	170	51.8	50	15.2	120	36.6	0.40	
50	341 292	8.3							3.48 2.98	
mean	535 458	13.0							4.67	32,690

Remarks: ^{2.6 cfs/m²} Development improbable - questionable geologic feasibility

Anchorage B-8 *With no storage Q₅₀ flow for power is more realistic.*

Prepared by GCG Date _____

570

11/78