

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Site No 19050002-190 ⁷¹⁹ 205 ✓
Basin Index 14 JH

WATERPOWER OF THE UNITED STATES

State <u>Alaska</u>	Stream <u>Beluga River</u>	Site <u>Beluga Lake</u>	2592
County _____		Owner _____	
Mer. <u>Seward</u> T. <u>13</u> N. R. <u>11</u> W. Sec. <u>10 or 14</u>		Constructed _____	
Lat. <u>61</u> ° <u>13</u> ' " Long. <u>151</u> ° <u>13</u> ' "		Storage <u>860,000</u> af <u>1,060,801,400</u> m ³	
Miles above mouth _____		Installed capacity _____ mw	
Drainage Area <u>840</u> sq. mi. <u>2175.6</u> sq. km		Installable capacity _____ mw	

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100 % Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m³/sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	185	5.2	293	89.3	130	39.6	163	49.7	2.56	
50	740	21.0							10.25	
mean	2700	76.5							37.41	261,870

Remarks: **Questionable from geologic point of view**

Tyonek A-4

where is dam site?

Prepared by GCG Date _____

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GEOLOGICAL SURVEY

Basin Index 205 ¹⁸⁴

WATERPOWER OF THE UNITED STATES

State Alaska

Stream Beluga River

Site Beluga Lake

County _____
Mer. _____ T. 13 N., R. 11 W. Sec. 14
Lat. 61° 13' " Long. 151° 13' "
Miles above mouth 2175.6
Drainage Area 840 sq. mi. 2478.0 sq. km

Owner _____
Constructed _____
Storage 860,000 of 1,060,801,400 m³
Installed capacity _____ mw
Installable capacity _____ mw

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100 % Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m³/sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	185	5.2 ✓	293	89.3 ✓	130	39.6 ✓	163	49.7 ✓	2563	
50	740	21.0 ✓							10253	
mean	2700	76.5 ✓							37408 37.41	261 870 ✓

Remarks:

questionable from geologic pt of view.

Prepared by _____ Date _____

Tyonek A-4