

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Site No 19050002-177 ^{TS} ¹⁷⁷ 200 ✓
Basin Index 14 JF

WATERPOWER OF THE UNITED STATES

State Alaska Stream Skwentna River Site Hayes (Skwentna) 2592

County _____	Owner _____
Mer. <u>Seward</u> T. <u>22 N.</u> R. <u>16 W.</u> Sec. <u>36</u>	Constructed _____
Lat. <u>61</u> ° <u>52</u> ' <u>30</u> " Long. <u>152</u> ° <u>07</u> ' "	Storage <u>140,000</u> of <u>172,689,600</u> m ³
Miles above mouth _____	Installed capacity _____ mw
Drainage Area <u>930</u> sq. mi. <u>2408.7</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	190	<u>5.4</u>	930	<u>283.5</u>	660	<u>201.2</u>	270	<u>82.3</u>	4.36	
50	530	<u>15.0</u>							12.16	
mean	1930	<u>54.6</u>							44.29	310,030

Remarks: **Tyonek D-6**

Prepared by GCG Date _____

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Basin Index _____

200784

WATERPOWER OF THE UNITED STATES

State Alaska

Stream Swentna River

Site _____

Hayes Site 14-JF

County _____				Owner _____			
Mer. <u>T. 22 N., R. 16 W. Sec. 336</u>				Constructed _____			
Lat. <u>61° 52' 30" N</u> Long. <u>152° 07' W</u>				Storage <u>140,000</u> of <u>172,689,600</u> m ³			
Miles above mouth <u>2408.7</u>				Installed capacity _____ mw			
Drainage Area <u>930</u> sq.mi. <u>2743.5</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	190	5.4	930	283.5	660	201.2	270	82.3	4360	
50	530	15.0							12163	
mean	1930	54.6							44293	310,030

Remarks:

Prepared by _____ Date _____

Tyonek D-6