

WATERPOWER OF THE UNITED STATES

State Alaska Stream Hasselborg River Site Hasselborg River 2592

County <u>First Judicial Division</u> Mer. _____ T. _____ R. _____ Sec. _____ Lat. <u>57</u> ° <u>39.5</u> ' " Long. <u>134</u> ° <u>05.8</u> ' " <u>15.</u> Miles above mouth _____ Drainage Area <u>73.9</u> sq.mi. <u>191.40</u> sq. km	Owner _____ Constructed _____ Storage <u>190,000</u> af <u>234,363,100</u> m ³ Installed capacity _____ mw Installable capacity _____ mw
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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	62	1.8	350	106.7	0		350	106.7	1.84	
50	295	8.4							8.78	
mean	311	8.8							9.25	64,750

Remarks: **Admiralty Island - Sitka C-1**

NDS A 1947

Lake elev. 247, 3500 acres

Surveyed by Alaska Treadwell Gold
Mining Co. 1913-1914

Highly involved development plans

PSC all lands within $\frac{1}{4}$ mile of lake
withdrawal should include lands below
375-400 if project developed with a pool of
350. The $\frac{1}{4}$ mile does not cover this in places.

Quad Sitka C-1, C-2,
D-1, D-2

Lake elev. 229

Tributary Lakes may
be involved in this
project and they are
not withdrawn. These
lakes may have to have
some soundings to deter-
mine if they can be
used.

Form 9-1503
(Feb. 1962)

Admiralty Is

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Basin Index _____

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WATERPOWER OF THE UNITED STATES

State Alaska

Stream Hasselborg River

Site Hasselborg River

County First Judicial Division

Owner _____

Mer. _____ T. _____ R. _____ Sec. _____

Constructed _____ 234,863,100

Lat. 57 ° 39.5' " Long. 134 ° 05.8' "

Storage 190,000 af 44,363.70 m³

Miles above mouth _____

Installed capacity _____ mw

Drainage Area 73.9 sq.mi. 191.40 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	62	1.8	350	106.7	0		350	106.7	1844	
50	295	8.4							8776.78	
mean	311	8.8							9252	64,750

Remarks:

Prepared by _____ Date _____

WPSA. 1947

Lake elev 247, 3500 acres

Surveyed by Alaska Trust well Gold
Mining Co. 1913-1914

Highly involved development plans

PSC 221 all lands within 1/4 mile of lake
withdrawal should include lands below
375-400 if project developed with a goal
of 350. The 1/4 mile does not cover this in
212005.

Dead Sitka C-1, C-2, D-1, D-2

Lake elev. 299

4.2 miles to Mole Harbor
4.0 ← ← Windfall ←
3.6 ← ← Mitchell Bay

Tributary lakes may
be involved in this
project and they are
not withdrawn.
These lakes may have to
have some soundings to
determine if they can be used