

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Site No 19050002-2

218 ✓
Basin Index 14 KB

WATERPOWER OF THE UNITED STATES

State Alaska Stream Halibut Creek Site Halibut

County _____ Mer. <u>Seward</u> T. <u>7 South</u> R. <u>11 West</u> Sec. <u>9</u> Lat. <u>59</u> ° <u>35</u> ' <u>10</u> " Long. <u>151</u> ° <u>09</u> ' <u>50</u> " Miles above mouth _____ Drainage Area <u>23</u> sq. mi. <u>59.57</u> sq. km	Owner _____ Constructed _____ Storage 25,000 of <u>30,837,250</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	11	0.3	585	178.3			585	178.3	0.55	
50	110	3.1							5.47	
mean	130 <small>94120 ac ft / yr</small>	3.7							6.46	45,220

Remarks: **Seldovia C-4** @ 179 cts/09 mi.

WATERPOWER OF THE UNITED STATES

14-KB

State Alaska Stream Halibut Creek Site Halibut 2592

County _____	Owner _____
Mer. _____ T. _____ R. _____ Sec. _____	Constructed _____
Lat. <u>59</u> ° <u>35</u> ' <u>10</u> " Long. <u>151</u> ° <u>09</u> ' <u>50</u> "	Storage <u>25,000</u> of <u>30,837,250</u> m ³
Miles above mouth _____	Installed capacity _____ mw
Drainage Area <u>23</u> sq. mi. <u>59.57</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	11	13	585	178.3	0	0	585	178.3	547.55	
50	110	3.1							5470	
mean	130	3.7							6464.	45,278.

Remarks:

45,220

Seldovia C-4