

Form 9-1503  
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR  
GEOLOGICAL SURVEY

Site No 19050002-38 <sup>TKC</sup> <sup>YFA</sup> 214 ✓  
Basin Index 14 K B

WATERPOWER OF THE UNITED STATES

State Alaska Stream Kenai River Site Moose Horn Rapids 2592

County \_\_\_\_\_ Owner \_\_\_\_\_  
 Mer. Seward T. 5 N R. 8 W Sec. 17 Constructed \_\_\_\_\_  
 Lat. 60 ° 31 ' " Long. 150 ° 44 ' " Storage 1,500,000 of 1,850,235,000 m<sup>3</sup>  
 Miles above mouth \_\_\_\_\_ Installed capacity \_\_\_\_\_ mw  
 Drainage Area 1458 sq.mi. 4301.1 sq. km Installable capacity \_\_\_\_\_ mw

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100% Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m <sup>3</sup> /sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	- 460	13.0	250	76.2	150	45.7	100	30.5	3.91	
50	- 2720	77.0							23.10	
mean	- 4600	130.3							39.10	273,700

Remarks: **Kenai C-2**

Prepared by GCG Date \_\_\_\_\_

Damsite is 11 miles down stream from Skilak Lake (US 194)

Suprise Creek damsite (us 275) is 5 miles up stream from Skilak Lake.

Russian River at mouth, us 325, is 10 miles up stream from Skilak Lake

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U.S. DEPARTMENT OF INTERIOR  
GEOLOGICAL SURVEY

2145 T 172  
Basin Index \_\_\_\_\_

WATERPOWER OF THE UNITED STATES

14-KB

State Alaska Stream Kenai River Site Moose Horn Rapids, ...

County \_\_\_\_\_ Owner \_\_\_\_\_  
 Mer. \_\_\_\_\_ T. \_\_\_\_\_ R. \_\_\_\_\_ Sec. \_\_\_\_\_ Constructed \_\_\_\_\_  
 Lat. 60° 31' " Long. 150° 44' " Storage 1,500,000 of 1,850,235,000 m<sup>3</sup>  
 Miles above mouth \_\_\_\_\_ Installed capacity \_\_\_\_\_ mw  
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FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100% Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m <sup>3</sup> /sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	<u>460</u>	<u>13.0</u>	<u>250</u>	<u>76.2</u>	<u>150</u>	<u>45.7</u>	<u>100</u>	<u>30.5</u>	<u>3.915</u>	
50	<u>2720</u>	<u>177.0</u>							<u>23.100</u>	
mean	<u>4600</u>	<u>130.3</u>							<u>39.10</u>	<u>273,700</u>

Remarks:

Prepared by \_\_\_\_\_ Date \_\_\_\_\_

Kerai C-2