

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

12060000 4-4B?

Basin Index _____

WATERPOWER OF THE UNITED STATES

State Alaska Stream Lemon Creek Site Lemon Creek 1592

County <u>First Judicial Division</u>				Owner _____			
Mer. _____ T. _____ R. _____	Sec. _____			Constructed _____			
Lat. <u>58 ° 21.3 ' "</u>		Long. <u>134 ° 30.4' W. "</u>		Storage _____ of _____ m ³			
Miles above mouth _____				Installed capacity _____ mw			
Drainage Area <u>24</u> sq. mi.		<u>62.16</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	3	.1	610	185.9	220	6.1	590	179.8	0.15	
50	125	3.5							6.27	
mean	300	8.5							15.05	105,350

Remarks:

See "Water Powers of SE Alaska" FPC & USFS, 1948, 2 Dam sites one 200' one 90' need new card?

Prepared by GCG Date _____

WATERPOWER OF THE UNITED STATES

State Alaska Stream Lemon Creek Site Lemon Creek 1592

County <u>First Judicial Division</u>	Owner _____
Mer. _____ T. _____ R. _____ Sec. _____	Constructed _____
Lat. <u>58° 21.3' N</u> " Long. <u>134° 30.4' W.</u> "	Storage <u>3</u> af _____ m ³
Miles above mouth _____	Installed capacity _____ mw
Drainage Area <u>24</u> sq. mi. <u>62.16</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	3	.1	610	185.9	260	16.1	530	179.8	.150	
50	125	3.5							6269.27	
mean	300	8.5							15045.05	105,350

Remarks:

delete no storage for regulation poor site