Form 9-1503
(Feb. 1962)
Wood River

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

19040002
Nushagak R
via Wood

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Basin Index 14 F C
Wood River Drainage

WATERPOWER OF THE UNITED STATES

State Alaska Stream ~~Lake Kulik~~ Wood River Site Lake Kulik 2592

County
Mer. T. R. Sec.
Lat. 59 ° 42 ' " Long. 158 ° 52 ' "
Miles above mouth
Drainage Area 219 sq.mi. 567.2 sq. km

Owner
Constructed
Storage 422,000 af 520,532,780 m³
Installed capacity mw
Installable capacity mw

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER	ESTIMATED AVERAGE ANNUAL GENERATION
Percent duration	cfs	m³/sec	Forebay		Tailrace		Gross		mw-100% Eff.	mwh
			ft.	m	ft.	m	ft.	m		
95	750	21.2	123	37.5	55	16.8	68	20.7	4.33	
50	3150	89.2							18.21	
mean	4682	132.6							27.06	189,420

Remarks:

Flow includes diversion from 1,486 sq. miles of Tikchik Lake drainage making a total of 1,705 sq. miles.

Prepared by GCG Date

Form 9-1503
(Feb. 1962)

Wood River

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

178 ~~206~~

Basin Index _____

WATERPOWER OF THE UNITED STATES

14-Fc

State Alaska Stream ~~Lake Kulik~~ Site Lake Kulik

2592

County _____
Mer. _____ T. _____ R. _____ Sec. _____
Lat. 59 ° 42 ' " Long. 158 ° 52 ' "
Miles above mouth 567 ~
Drainage Area 219 sq. mi. ~~676.0~~ sq. km

Owner _____
Constructed _____
Storage 422,000 af 520,532,780 m³
Installed capacity _____ mw
Installable capacity _____ mw

~~5.78~~

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER	ESTIMATED AVERAGE ANNUAL GENERATION
Percent duration	cfs	m³/sec	Forebay		Tailrace		Gross		mw–100% Eff.	mwh
			ft.	m	ft.	m	ft.	m		
95	750	21.2	123	37.5	55	16.8	68	20.7	~~4.35~~	
50	3150	89.2							18,207	
mean	4682	132.6							27,062	189,420

Remarks: Flow includes diversion from 1486 sq miles of Tikchik Lake drainage making a total of 1705 sq miles

Prepared by _____ Date _____