

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

1904002

177 ✓

Nusitagak R
via Wood R

Basin Index 14 FC

Wood River

WATERPOWER OF THE UNITED STATES

State Alaska

Stream ~~Grant Lake~~ Wood River Site Grant Lake

County _____	Owner _____
Mer. _____ T. _____ R. _____ Sec. _____	Constructed _____
Lat. <u>59</u> ° <u>46</u> ' <u>00</u> " Long. <u>158</u> ° <u>32</u> ' <u>10</u> "	Storage <u>96,000</u> of <u>118,415,040</u> m ³
Miles above mouth _____	Installed capacity _____ mw
Drainage Area <u>47</u> sq. mi. <u>121.8</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	6	0.2	525	160.0	125	38.1	400	121.9	0.20	
50	68	1.9							2.31	
mean	95	2.7							3.23	22,610

Remarks: **Dillingham D-7**

US 467 - 1900 acres
500 - 3000 acres 80,850 acft

Prepared by GCG Date _____

Form 9-1503
(Feb. 1962)

Wood River

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Basin Index 177-205

14-FC

WATERPOWER OF THE UNITED STATES

Lake

State Alaska Stream Grant Lake Site Grant Creek 2592

County _____				Owner _____			
Mer. _____	T. _____	R. _____	Sec. _____	Constructed _____			
Lat. <u>59</u> ° <u>46</u> ' <u>00</u> " Long. <u>158</u> ° <u>32</u> ' <u>10</u> "				Storage <u>96,000</u> of <u>118,415,040</u> m ³			
Miles above mouth _____				Installed capacity _____ mw			
Drainage Area <u>47</u> sq. mi. <u>121.8</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	6	.2	525	160.0	125	38.1	400	121.9	.204	
50	68	1.9							2,312	
mean	95	2.7							3,230	22,610

Remarks:

Prepared by _____ Date _____

Pellingham D-7