

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

19030004
Basin Index 160
14 CD

WATERPOWER OF THE UNITED STATES

State Alaska Stream Totatlanika River Creek Site Totatlanika Creek

County _____				Owner _____			
Mer. <u>FAIRBANKS</u> T. <u>9S</u> R. <u>6W</u> Sec. <u>11</u>				Constructed _____			
Lat. <u>64</u> ° <u>13</u> ' <u>30</u> " Long. <u>148</u> ° <u>44</u> ' <u>30</u> "				Storage <u>70,000</u> af <u>86,344,300</u> m ³			
Miles above mouth _____				Installed capacity _____ mw			
Drainage Area <u>240</u> sq.mi. <u>622</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	18	0.5	1550	472.4	800	243.8	750	228.6	1.15	
50	110	3.1							7.01	
mean	250	7.1							15.94	111,580

Remarks: **Fairbanks A-4** quadrangle

*THANNA River Basin - Invis. Rept 9 USACE
AP Admins list of 252 sites.*

Prepared by GCG Date _____

Form 9-1503
(Feb. 1962)

Tanana

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Basin Index 160-326

14-C0

WATERPOWER OF THE UNITED STATES

State Alaska Stream Totatlanika River Site Totatlanika Creek

County _____ Owner _____
 Mer. T. 9 S. R. 6 W. Sec. 11 Constructed _____
 Lat. 64° 13' 30" Long. 148° 44' 30" Storage 70,000 of 86,344,300 m³
 Miles above mouth _____ Installed capacity _____ mw
 Drainage Area 240 sq. mi. 621.6 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	18	.5	1550	472.4	800	243.8	750	228.6	1,147	
50	110	3.1							7,012	
mean	250	7.1							15,937	111,580

Remarks:

Prepared by _____ Date _____

Fairbanks #4