

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Basin Index 13 DC

WATERPOWER OF THE UNITED STATES

State Alaska Stream Tom Creek - Campbell Lake Site Tom Creek 2592

County First Judicial Division
Mer. _____ T. _____ R. _____ Sec. _____
Lat. 56 ° 15.8 ' " Long. 131 ° 40.7 ' W. "
Miles above mouth _____
Drainage Area 17 sq. mi. 44.03 sq. km

Owner _____
Constructed _____
Storage 9,000 af 11,101,410 m³
Installed capacity _____ mw
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	<u>29</u>	<u>.8</u>	<u>400</u>	<u>121.9</u>	<u>100</u>	<u>30.5</u>	<u>300</u>	<u>91.4</u>	<u>0.74</u>	
50	<u>188</u>	<u>5.3</u>							<u>4.79</u>	
mean	<u>209</u>	<u>5.9</u>							<u>5.33</u>	<u>37,310</u>

Remarks: Bradfield Canal B-6 Quad

Average
188 based on Harding River 1968

Prepared by GCG Date _____

WPS A1947

FPP, 61

Campbell L. elev 420

50 foot dam

Bradfield Canal

Campbell Lake B-6

Tom Cr. A-6, B-6,

Elev. about 350

PSC 192 within 1 mile of mouth
of Tom's creek.

withdrawal has no relation to
this proposal.

Restore withdrawal
or change to protect
Campbell Lake area,
if feasible

✓ No Quad.

20116

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			ft.	m	ft.	m	ft.	m		
95	29	1.8	400	121.9	100	30.5	300	91.4	.739 .74	
50	188	5.3							4794 .79	
mean	209	5.9							5329 .33	37,310

Remarks:

Prepared by _____ Date _____

Bradford Court B. 6