

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

19060000

Basin Index 124 **13 DG**

WATERPOWER OF THE UNITED STATES

State Alaska Stream Anan Lake Site Anan Lake 2592

County <u>First Judicial Division</u>				Owner _____	
Mer. _____ T. _____ R. _____ Sec. _____		Constructed _____		Storage <u>25,000</u> af <u>30,837,250</u> m ³	
Lat. <u>56</u> ° <u>11.5</u> N " Long. <u>131</u> ° <u>54</u> ' W. "				Installed capacity _____ mw	
Miles above mouth _____				Installable capacity _____ mw	
Drainage Area <u>27</u> sq.mi.		<u>69.93</u> sq. km			

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	43	1.2	260	79.3			2 60	79.3	0.95	
50	310	8.8							6.85	
mean	338	9.6							7.47	52,290

Remarks: **Bradfield Canal A-6**

Prepared by GCG Date _____

WPSA 1947

Dam site Surveyed by Dort
US Anon Lake 210
Salmon in Creek. Lake?

50' dam

US Boulder Lake 360

Grand Bradford Canal A-6

US Anon Lake 231

US Boulder Lake 358

Investigate feasibility
height of dam at
Lake. Can Boulder Lake
be drawn down for
storage or inundated
by dam at Anon Lake
US at East Fork? Low enough
for powerhouse there?

PSC 192 all lands within $\frac{1}{4}$ mile of Anon Creek Lake
and Lake (Boulder) above Anon Lake.

FPP 157 all lands within $\frac{1}{4}$ mile of Anon Creek below Boulder Lake
all lands below 250 \Rightarrow used to Anon Lake & below 350 \Rightarrow to Boulder Lake

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Basin Index _____

13-DC

WATERPOWER OF THE UNITED STATES

State Alaska

Stream Anan Lake

Site Anan Lake

County First Judicial Division

Owner _____

Mer. _____ T. _____ R. _____ Sec. _____

Constructed _____

Lat. 56° 09.61' N " Long. 131° 53.3' W "

Storage 25,000 af 30,837,250 m³

Miles above mouth 11.5

Installed capacity _____ mw

Drainage Area 27 sq.mi. 69.93 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	43	1.2	260	79.3			260	79.3	.950	
50	310	8.8							6.851	
mean	338	19.6							7.470	52,290

Remarks:

Prepared by _____ Date _____

Broadfield Cond A-6

Journal No. 1000

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NO. 1000

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