

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

19060000

108✓

Basin Index DA

WATERPOWER OF THE UNITED STATES

Lake

State Alaska Stream Upper Sweetheart Falls Crk. Site Upper Sweetheart Falls Crk.

County _____ Owner _____
Mer. _____ T. _____ R. _____ Sec. _____ Constructed _____
Lat. 57 ° 59 ' " Long. 133 ° 32 ' " Storage 12,000 af 14,801,880 m³
Miles above mouth _____ Installed capacity _____ mw
Drainage Area 3.65 sq. mi. 94.54 sq. km Installable capacity _____ mw

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100 % Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m³/sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	6	0.2	1865	568.5	681	207.6	1184	360.9	0.60	
50	31	0.9							3.12	
mean	35	1.1							3.52	24,640

Remarks: Sumdum D-5

Prepared by GCG Date _____

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GEOLOGICAL SURVEY

Basin Index 108

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WATERPOWER OF THE UNITED STATES

State Alaska

Stream Upper Sweetheart Falls Crk. Site Sweetheart Falls Creek

County _____ Owner _____
Mer. _____ T. _____ R. _____ Sec. _____ Constructed _____
Lat. 57° 59' " Long. 133° 32' " Storage 12,000 af 14,801,880 m³
Miles above mouth _____ Installed capacity _____ mw
Drainage Area 3.65 sq. mi. 94.54 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	1865	568.5	681	207.6	1184	360.9	.604	
50	31	.9							3120	
mean	35	1.1							3522	24,640

Remarks:

Prepared by _____ Date _____

Sundown D 5