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Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Basin Index 13 DA

WATERPOWER OF THE UNITED STATES

State Alaska Stream ~~Lower~~ Sweetheart Falls Crk Site Sweetheart ~~Falls Creek~~ ~~Upper~~ Lower Lake

County

Mer. T. R. Sec.

Lat. 57 °56.6 N " Long. 133 °40.8 ' W "

Miles above mouth

Drainage Area 35.2 sq.mi. 91.7 sq. km

Owner

Constructed

Storage 102,000 af 125,815,980 m³

Installed capacity mw

Installable capacity mw

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER	ESTIMATED AVERAGE ANNUAL GENERATION
			Forebay		Tailrace		Gross			
Percent duration	cfs	m³/sec	ft.	m	ft.	m	ft.	m	mw-100 % Eff.	mwh
95	38	1.1	582	177.4			582	177.4	1.88	
50	302	8.6							14.94	
mean	335	9.5							16.57	115,990

Remarks: Sumdum D-6

Prepared by GCG Date

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Basin Index 13 DA

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WATERPOWER OF THE UNITED STATES

State Alaska Stream Lower Sweetheart Falls Crk Site Sweetheart Falls Creek

County

Mer. T. R. Sec.

Lat. 57 ° 56.6 'N " Long. 133 ° 40.8 'W. "

Miles above mouth

Drainage Area 35.2 sq.mi. 91.17 sq. km

Owner

Constructed

Storage 102,000 af 125,815,980 m³

Installed capacity mw

Installable capacity mw

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER	ESTIMATED AVERAGE ANNUAL GENERATION
			Forebay		Tailrace		Gross			
Percent duration	cfs	m³/sec	ft.	m	ft.	m	ft.	m	mw-100 % Eff.	mwh
95	38	1.1	582	177.4			582	177.4	1,880	
50	302	8.6							14,940	
mean	335	9.5							16,572	115,990

Remarks:

Prepared by Date

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