

Form 9-1503
(Feb. 1962)U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEYBasin Index 14 HD

WATERPOWER OF THE UNITED STATES

State Alaska Stream Spiridon River Site Spiridon River

County _____ Owner _____
 Mer. _____ T. 30S R. 27W Sec. 13 Constructed _____
 Lat. 57° 35' " Long. 153° 32' " Storage 350,000 af 431,721,500 m³
 Miles above mouth _____ Installed capacity _____ mw
 Drainage Area 92 sq.mi. 238.2 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	55	1.6	272	82.9	2	0.6	270	82.3	1.26	
50	420	11.9							9.64	
mean	600	17.0							13.77	96,390

Remarks: **Kodiak C-5**Prepared by GCG Date _____

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U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

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14-HD

WATERPOWER OF THE UNITED STATES

State Alaska Stream Spiridon River Site Spiridon River 2592

County _____ Owner _____
 Mer. _____ T. _____ R. _____ Sec. _____ Constructed _____
 Lat. 57 ° 35 ' " Long. 153 ° 32 ' " Storage 350,000 of 431,721,500 m³
 Miles above mouth _____ Installed capacity _____ mw
 Drainage Area 92 sq. mi. 238.2 sq. km Installable capacity _____ mw

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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	55	1.6 ✓	272	82.9 ✓	2	.6 ✓	270	82.3 ✓	1,262 ✓	
50	420	11.9 ✓							9,639	
mean	600	17.0 ✓							13,770	96,390 ✓

Remarks:

Prepared by _____ Date _____

Kodak C-5