

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Site No 19050002-126

195 ✓

Basin Index 14 JD

WATERPOWER OF THE UNITED STATES

State Alaska Stream Talkeetna River Site Talkeetna #2

County _____	Owner _____
Mer. <u>SEWARD</u> T. <u>27 N</u> R. <u>1 W</u> Sec. <u>1</u>	Constructed _____
Lat. <u>62</u> ° <u>28</u> ' " Long. <u>149</u> ° <u>22</u> ' "	Storage <u>Pondage</u> of _____ m ³
Miles above mouth _____	Installed capacity _____ mw
Drainage Area 8.50 <u>850</u> sq. mi. <u>2201.5</u> 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	135	3.8	1300	396.2	930	283.5	370	112.8	4.25	
50	440	12.5							13.84	
mean	1650	46.7							51.89	363,247

Remarks: **Talkeetna Mtns. B-5**

$Q_{mean} / Q_{50} = 3.75$

Prepared by _____ Date _____