

**WATERPOWER OF THE UNITED STATES**

State Alaska Stream Virginia Lake \_\_\_\_\_ Site Mill Creek 2592

County <u>First Judicial Division</u>				Owner _____	
Mer. _____ T. _____ R. _____ Sec. _____	Constructed _____				
Lat. <u>56 ° 27.5 ' N</u> " Long. <u>132 ° 12.4 ' W</u> "	Storage <u>35,000</u> af		<u>43,172,150</u> m <sup>3</sup>		
Miles above mouth _____	Installed capacity _____ mw				
Drainage Area <u>37</u> sq. mi. <u>95.83</u> sq. km	Installable capacity _____ mw				

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100 % Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m <sup>3</sup> /sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	48.0	1.4	150	45.7			150	45.7	0.61	
50	436	12.3							5.56	
mean	450	12.7							5.74	40,180

Remarks: **Under FPC permit**  
**Petersburg B-1 Quad**

Form 9-1503  
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR  
GEOLOGICAL SURVEY

Basin Index \_\_\_\_\_

13 DC

WATERPOWER OF THE UNITED STATES

State Alaska Stream Virginia Lake Site Mill Creek

County First Judicial Division Owner \_\_\_\_\_

Mer. \_\_\_\_\_ T. \_\_\_\_\_ R. \_\_\_\_\_ Sec. \_\_\_\_\_ Constructed \_\_\_\_\_

Lat. 56° 27.5' N. " Long. 132° 12.4' W. " Storage 35,000 of 43,172,150 m<sup>3</sup>

Miles above mouth \_\_\_\_\_ Installed capacity \_\_\_\_\_ mw

Drainage Area 37 sq. mi. 95.83 sq. km Installable capacity \_\_\_\_\_ mw

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100% Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m <sup>3</sup> /sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	48.0	1.4	150	45.7			150	45.7	.612	
50	436	12.3							5.56	5559
mean	450	12.7							5.74	5737

Remarks:

*under FPC permit*

Prepared by \_\_\_\_\_ Date \_\_\_\_\_

Petersburg B-1