

# **Naknek River**



# Condition of Improvements

## 31 December 2022

### **Naknek River, Alaska**

#### (CWIS No. 072756)

**Authorization** Rivers and Harbors Act, 3 July 1958 (House Doc. 390, 84th Congress, 2nd Session) as adopted, provides for improvement of the channel in the Naknek River by removal of boulders at 43 locations between the mouth of the river and King Salmon.

**Table 1**

Existing Project	Length mi.	Width ft.	Depth ft.
Channel	20	varies	-3

**Project Usage** Channel clearance was required to allow power scows, tugs, and barges to lighter cargo upstream from ocean vessels anchored 6 miles off the mouth of Naknek River. Removal of the boulders between river miles 8 and 17 largely eliminated the hazardous conditions which caused vessel damage and cargo loss. The river is a supply route serving King Salmon and the U.S. Air Force installation there.

#### **Progress of Work**

1960	Blasting and removal of 28 obstructive boulders is accomplished during October. The remaining 15 boulders cited for removal were either already relocated by ice action or are no longer a hazard to navigation.
1963	A reconnaissance survey is conducted October-November.
2001	Seventeen large boulders are located by survey on the lower river from Mile 0 to Leader Creek, just past Mile 5.
2003	A total of 65 boulders are removed or buried on the lower river including the 17 specifically identified for removal.
2005	Vertical aerial photography is taken in October.

**Table 2 Cost to Date**

<b>Project</b>	<b>Description</b>	<b>Cost \$</b>
072756	CG	20,789
	CG Appropriation	265,557
	CG Costs	265,557

**Table 3 Range of Tides in feet**

<b>Location</b>	<b>Mean Range</b>	<b>Diurnal Range</b>	<b>Extreme Range</b>
Entrance	18.5	22.6	28
Anchor Hole	15.1	17.8	21.4
Air Base	2.1	3.2	4.6

**Controlling Depth** The controlling depth was found to be -3 feet MLLW, October 1960.

# Naknek River, Alaska



Oblique of the Naknek River, October 2005



Oblique of the Naknek River with South Naknek in the foreground , October 2005