

King Cove Harbor

Condition of Improvements
31 December 2022
King Cove Harbor
King Cove, Alaska
(CWIS Nos. 072741)

Authorization (1) Rivers and Harbors Act, 13 August 1968 (Senate Doc. 13, 90th Congress, 2nd Session) as adopted, provides for an 11 acre boat basin and an entrance channel about (125' x 400') both at 15 feet below MLLW, an earth-fill training dike 1,200 feet long at 10 feet above MLLW, and a rock sea groin 200 feet long at 14 feet above MLLW.

Table 1

Existing Project	Length ft.	Width ft.	Depth ft.
Entrance Channel	460	100	-15
Basin	900	550	-15
Training Dike	1500		
Rock Groin	200		

Project Usage The original King Cove Small Boat Basin provides moorage for small craft 60 feet and under and holds a peak of 100 to 120 fishing boats.

Progress of Work

1972	A Design Memorandum is completed in April modifying the entrance channel and training dike to protect the entrance from strong tidal currents and reduce shoaling and icing.
1973	The construction contract is awarded in May, but construction does not commence until September when a new rock quarry site is located.
1974	Work on the project is successfully completed in June.
1984	A maintenance dredging contract is awarded in July; dredging commences in September and is completed in October with the removal of 17,250 yards.
2002	A condition survey of the original harbor is conducted in August.

Progress of Work

2006	A condition survey of the harbor is conducted in June; aerial photography is taken in May
2010	A condition survey of the original harbor is conducted in July.
2012	“Comprehensive Evaluation of Project Datums” Compliance report completed and recorded in September.
2014	A condition survey of the original harbor is conducted in July.
2019	A project condition survey of the harbor is conducted in May.

Table 2 Cost to Date

Project	Description	Cost \$
87738	CG Appropriations	7,461,855
	CG Costs	7,461,855
	CG Contributed Appropriation	1,376,599
	CG Contributed Costs	1,376,598
72741	O&M Appropriations	568,294
	O&M Costs	568,294

Note: Costs are combined for King Cove and Babe Newman Harbors.

Table 3 Range of Tides in feet

Tide Station	Mean Range	Diurnal Range	Extreme Range
945 9881 King Cove AK	4.81	6.83	14.64

NOAA Publication Date: 7/21/2021

Controlling Depth A depth of -10.1 feet MLLW controls the entrance channel along the toe of the northern breakwater, May 2019. A depth of -12.0 feet MLLW controls navigation purposes on the southern end of the basin, May 2019.

King Cove Harbor, King Cove, Alaska



Oblique of King Cove Harbor, July 2014



King Cove Harbor, May 2019