

Larsen Bay

Condition of Improvements
31 December 2022
Larsen Bay, Alaska
(CWIS No. 087495)

Authorization Section 107 of the River and Harbor Act, 14 July 1960, Public Law 86-645, 33 U.S.C. 577, 1986, as amended, provides for the construction of a mooring basin, entrance channel, and necessary protective features not to exceed \$4,000,000 in federal funds.

Table 1

Existing Project	Length ft.	Width ft.	Depth ft.
Entrance Channel	720	75	-14
Mooring Basin	620	255	-12
Northeast Breakwater	160	varies	-
Northwest Breakwater	610	varies	-
Southwest Breakwater	200	varies	-

Project Usage Larsen Bay is a traditional Alutiiq settlement practicing a commercial fishing and subsistence lifestyle. Located on the western coast of Kodiak Island, it is 60 miles west southwest of the City of Kodiak and 283 miles southwest of Anchorage. The completed project provides protected moorage for both resident and transient fishing vessels with drafts up to 10 feet. All transportation to the community is by air or water.

Progress of Work

1985	Pre-engineering and design work begins.
1997	A Project Cooperation Agreement is signed in May. A construction contract is awarded.
1998	Construction of the dikes is completed. Dredging of the entrance channel begins.
1999	The project is physically completed.
2006	Aerial photography is taken in May.
2009	A tidal datum update and project condition survey are conducted in August and September.

Progress of Work

2010	Comprehensive Evaluation of Project Datums (CEPD) Compliance report completed and recorded in September.
2015	A project condition survey was conducted in August.
2020	A project condition survey was conducted in July.

Table 2 Cost to Date

Project	Description	Cost \$
087495	CG Appropriations	4,000,000
	CG Costs	4,000,000
	CG Contributed Appropriations	1,341,948
	CG Contributed Costs	1,341,948

Table 3 Range of Tides in feet

Tide Station	Mean Range	Diurnal Range	Extreme Range
945 7724 Larsen Bay, Kodiak AK	11.20	13.74	-

NOAA Publication Date: 05/19/2010

Controlling Depth In July 2020, the controlling depth of -13.2 feet MLLW for the entrance channel is located just outside the seaward limits. The controlling depth is -8.6 feet MLLW in the interior basins.

Larsen Bay, Kodiak Island, Alaska



Oblique of Larsen Bay, 2015



Larsen Bay, August 2020