This map depicts the potential post-subsidence water depth during a high tide at locations above the present-day Mean Higher High Water (MHHW) level. This map has been completed using the best information available and is believed to be accurate; however, its preparation required many assumptions. Actual ground subsidence during a tsunamigenic earthquake may vary from those assumed, so the accuracy cannot be guaranteed. Areas permanently flooded will depend on specifics of the earthquake and local ground compaction, and may differ from the areas shown on the map. Information on this map is intended to permit state and local agencies to plan post-tsunami response actions. The map is not appropriate for site-specific use or for land-use regulation. Interpretation of the map(s) by qualified experts is strongly recommended.

Maximum Potential Subsidence
0.76 m (2.5 ft) - according to Scenario 10

Potential Maximum Permanent Flooding

- 3 m (10 ft)
- 2 m (6.5 ft)
- 1 m (3 ft)
- 0.5 m (1.6 ft)
- 0.3 m (1 ft)
- 0.2 m (0.6 ft)
- 0.1 m (0.3 ft)
- 0.06 m (0.2 ft)

Maximum estimated inundation extent from all scenarios

NOTE: Permanent flooding maps were not created for the Armin F. Koernig Hatchery and the southern part of Iktua Bay because there is no GPS control data at those locations and therefore the DEM is not sufficiently constrained to make such maps.