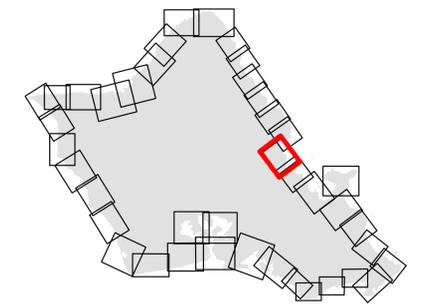


# O'ahu Coastal Communities Evacuation Planning

## DRAFT Map 21.3 Waiahole



### Map Contents

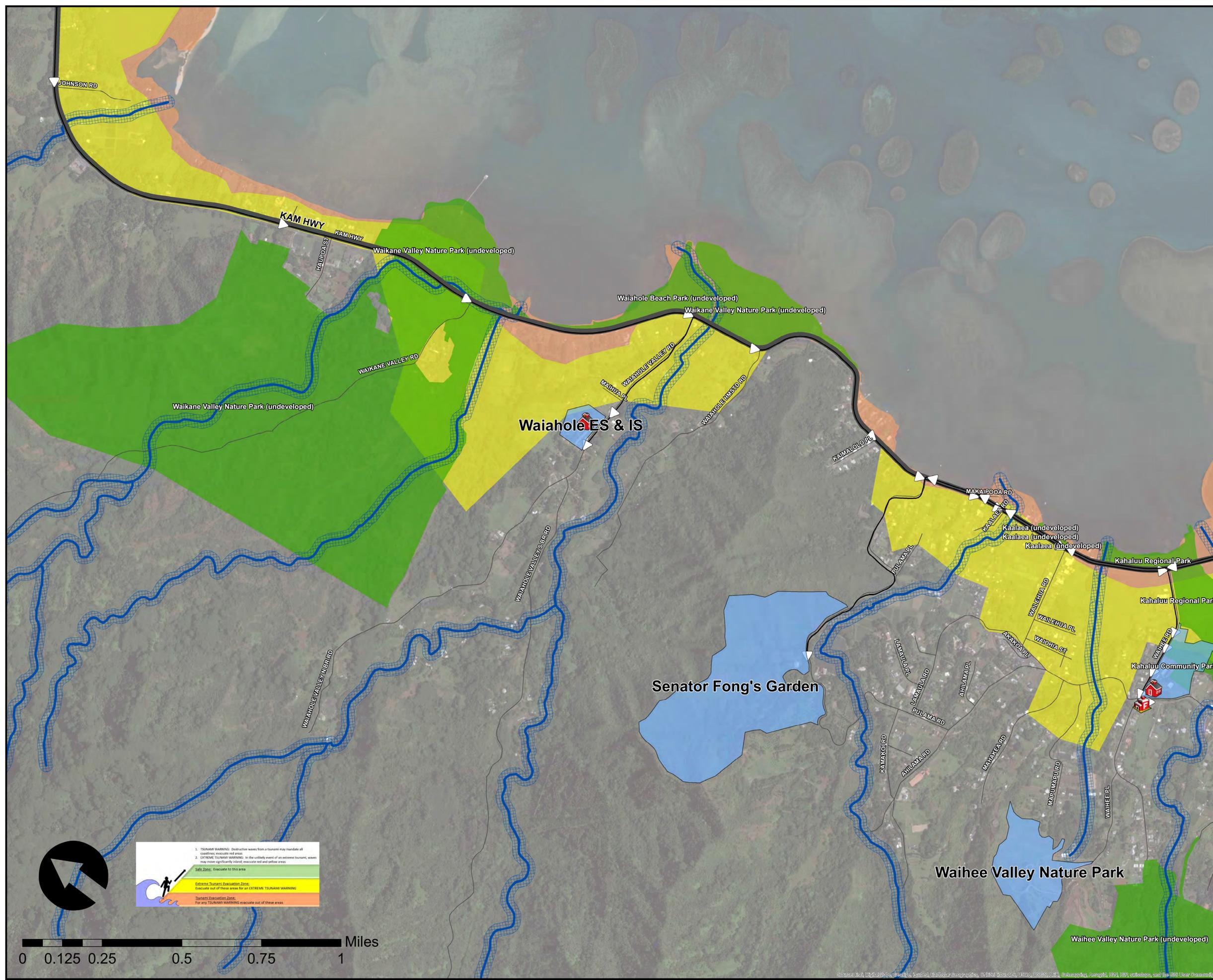
- Proposed Evac Routes
- Proposed Evac Refuge
- Tsunami Evac Zone
- Extr Tsunami Evac Zone
- Stream
- 100ft Stream Buffer
- Park
- DOE School
- Fire Station

### Map Description

The magnitude 9.0 Tohoku, Japan earthquake on March 11, 2011, resulted in one of the largest tsunamis in recorded history. It has become increasingly recognized that past inundation modeling for Hawaii tsunami evacuations did not consider all possible sources of tsunamis. This recognition has led to an analysis of the potential for other sources of large tsunamis that could affect Hawaii in excess of the historical record.

The project was a collaboration with the Tsunami Inundation Mapping Project at the University of Hawaii, Mānoa. The Extreme Tsunami Evacuation Zone (XTEZ) maps use the same computer model as the current evacuation zones. For more information, visit: <http://www.honolulu.gov/dem.html> and <http://seagrant.soest.hawaii.edu/tsunami-research-and-preparedness>.

Map by: M.J.G. UH Sea Grant  
December 08, 2014

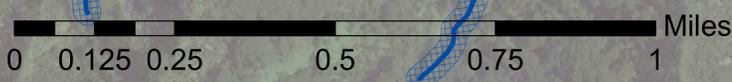


1. TSUNAMI WARNING: Destructive waves from a tsunami may inundate all coastlines; evacuate red areas.  
 2. EXTREME TSUNAMI WARNING: In the unlikely event of an extreme tsunami, waves may move significantly inland; evacuate red and yellow areas.

**Safe Zones:** Evacuate to this area

**Extreme Tsunami Evacuation Zone:** Evacuate out of these areas for an EXTREME TSUNAMI WARNING.

**Current Evacuation Zones:** For any TSUNAMI WARNING evacuate out of these areas.



Source: Esri, DigitalGlobe, GeoEye, Earthstar/Earthstar, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, SDA, Intermap, iFlycatcher, GEBCO, Swire, and The GIS User Community