



2014

Uchucklesaht Tribe Government Emergency Preparedness Plan



Uchucklesaht Tribe Government
Emergency Preparedness Plan

1/1/2014

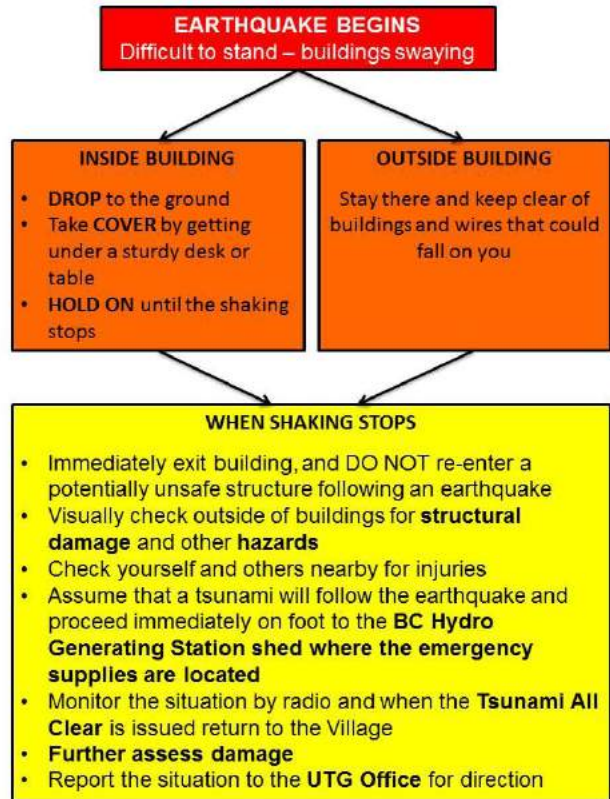
FORWARD

This plan is issued under the authority of the Uchucklesaht Tribal Council. The objective of this plan is to prepare visitors and residents on UTG Treaty Settlement Lands to respond to an emergency situation. The plan outlines the hazards that face UTG Treaty Settlement Lands and how residents should respond to these hazards.

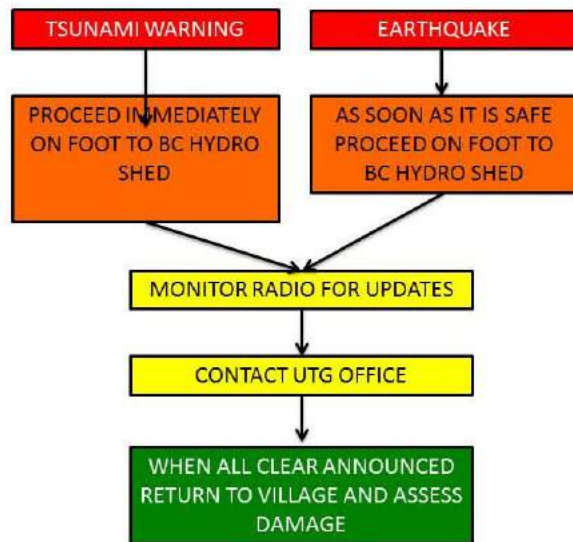
It is recommended that you review this plan with your family, understand what steps you can take prior to an emergency to reduce the risk to you and your family, and be aware of what actions to take in the event of an emergency. To assist you with this, a two-page emergency response quick reference guide is included in this plan for your use.

EMERGENCY RESPONSE QUICK REFERENCE GUIDE

1. EARTHQUAKE

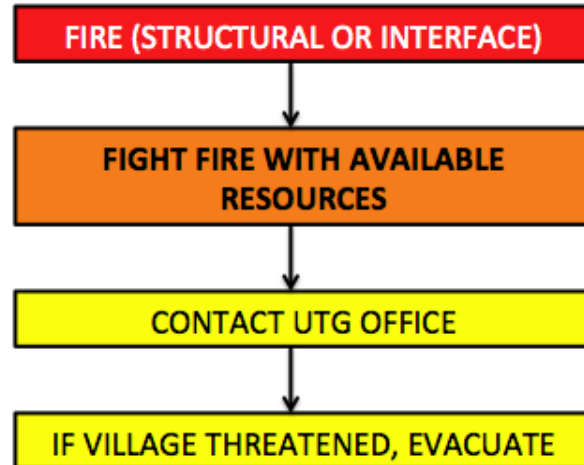


2. TSUNAMI

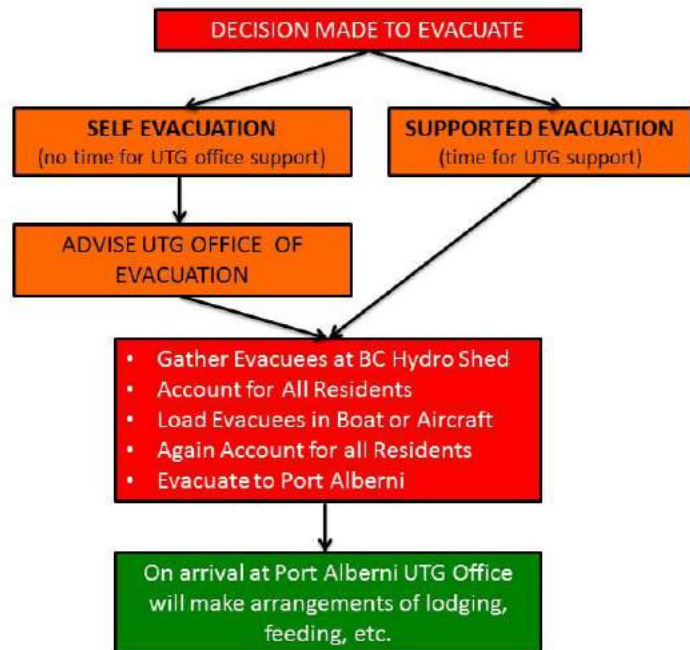


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3. FIRE: STRUCTURAL OR INTERFACE



4. EVACUATION



UTG OFFICE NUMBER
—
PORT ALBERNI:
250-724-1832

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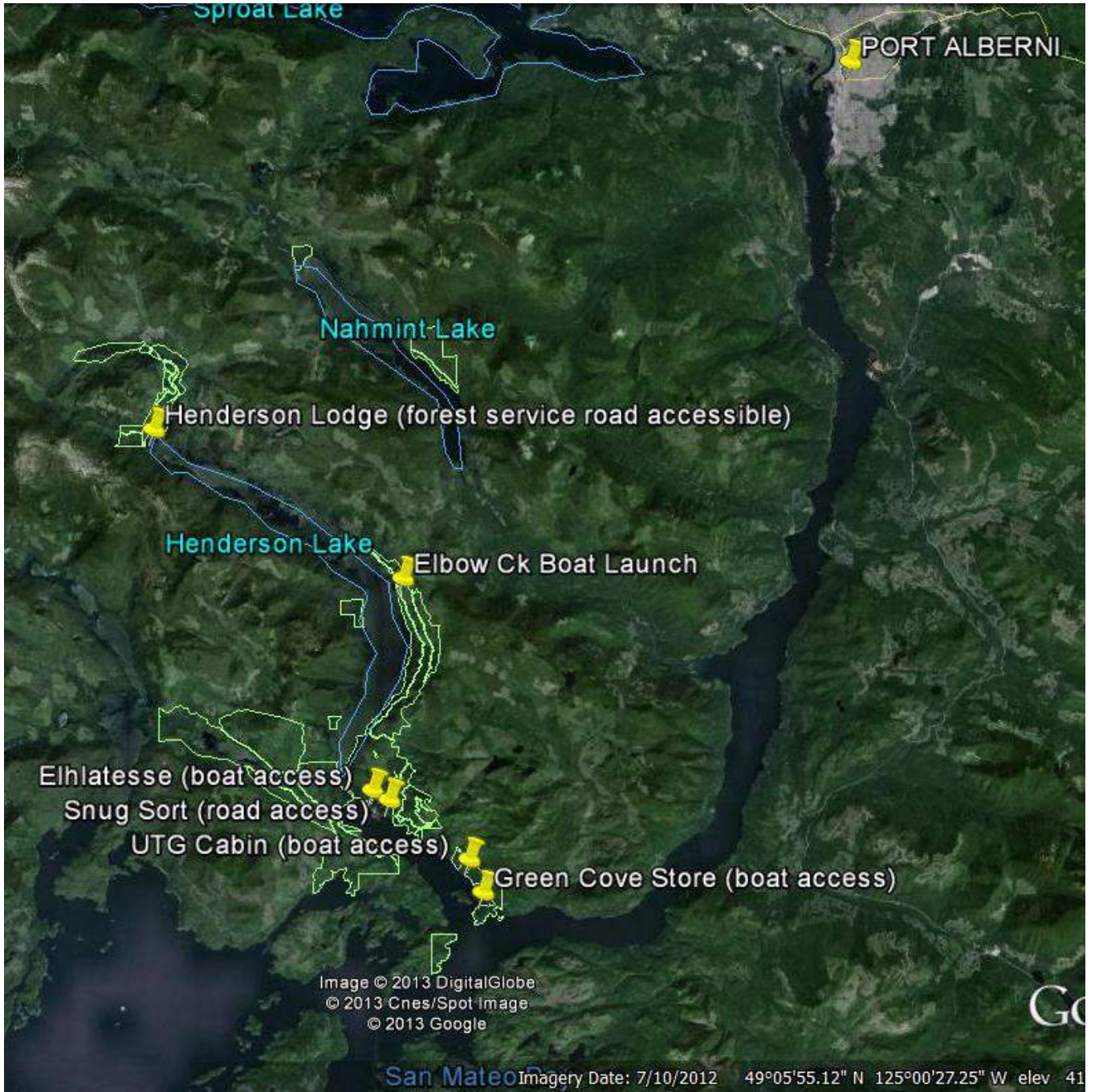
GENERAL

OBJECTIVE

The objective of this plan is to prepare visitors and residents on UTG Treaty Settlement Lands to respond in an emergency situation.

APPLICATION

This emergency plan applies to all land belonging to the Uchucklesaht Tribe Government (UTG), known as Treaty Settlement Lands (TSL). There are four areas of vulnerability, 1) Village of Elhlatesse, 2) Henderson Lodge, 3) UTG Cabin, and 4) Green Cove Store. Of these four areas, 1 & 4 have year-round residents. The remaining area of TSL is undeveloped.

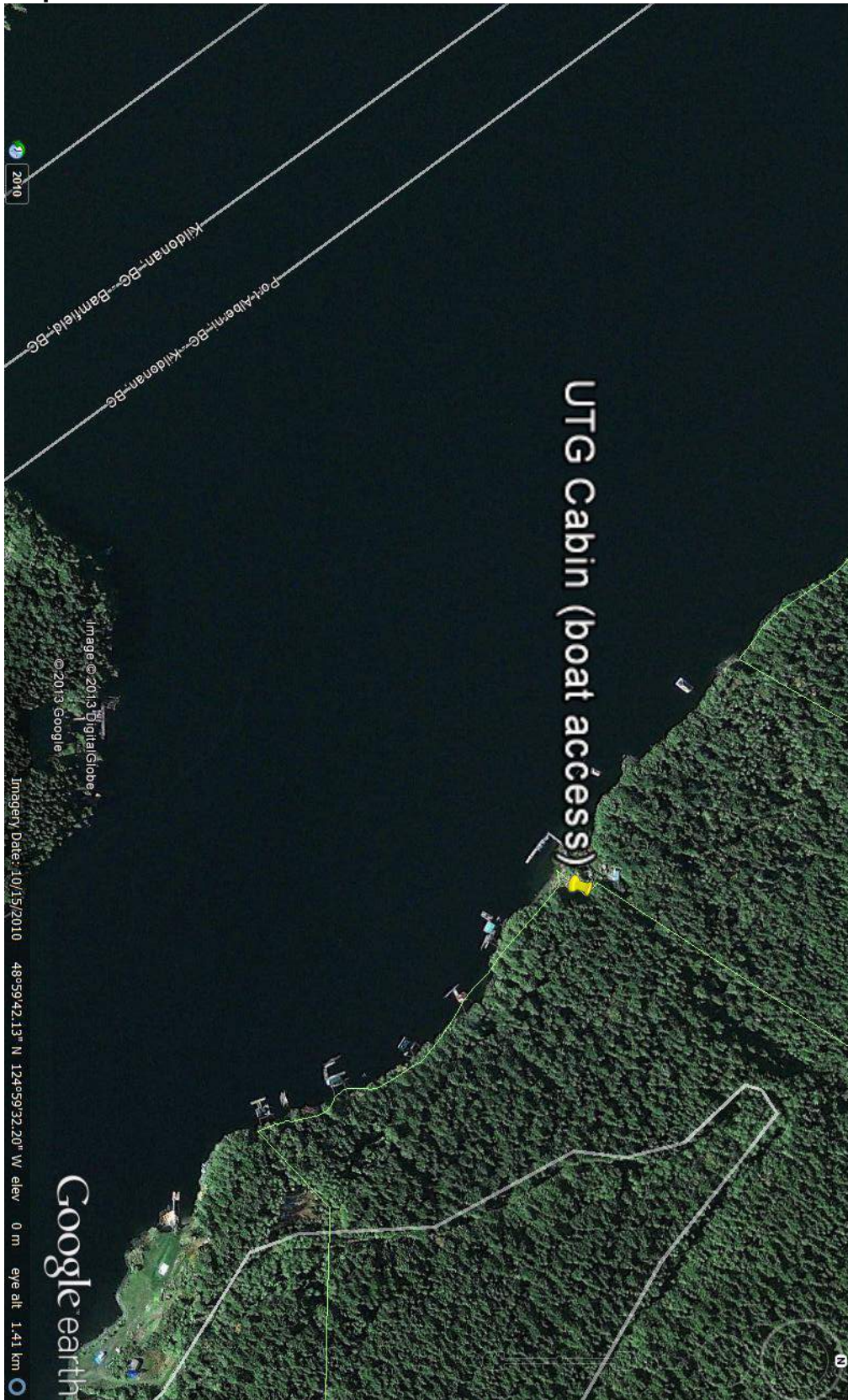


Map 1: Uchucklesaht Tribe Treaty Settlement Lands

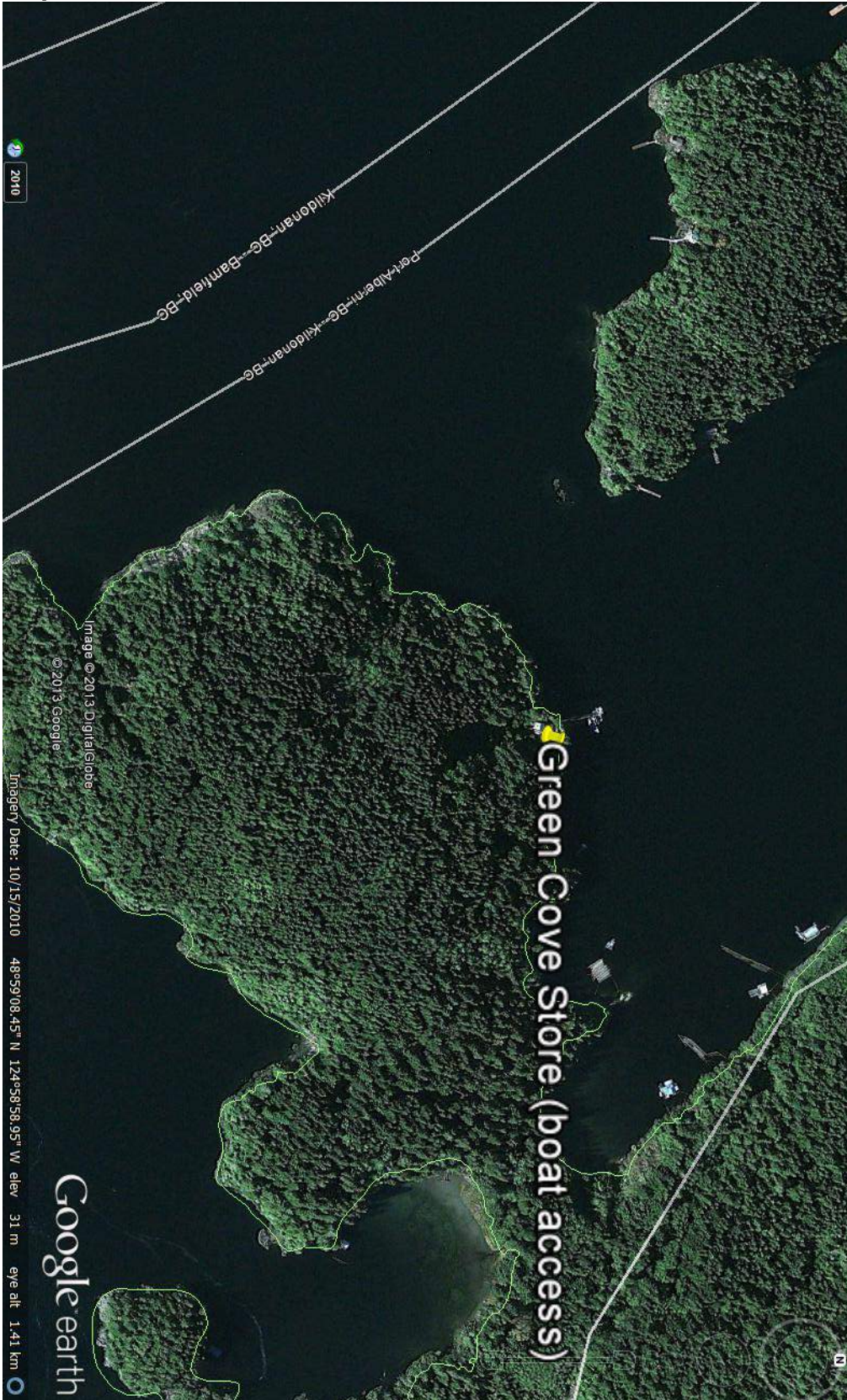
Map 2: Elhlatesse (“Kildonan” or “the Village”)



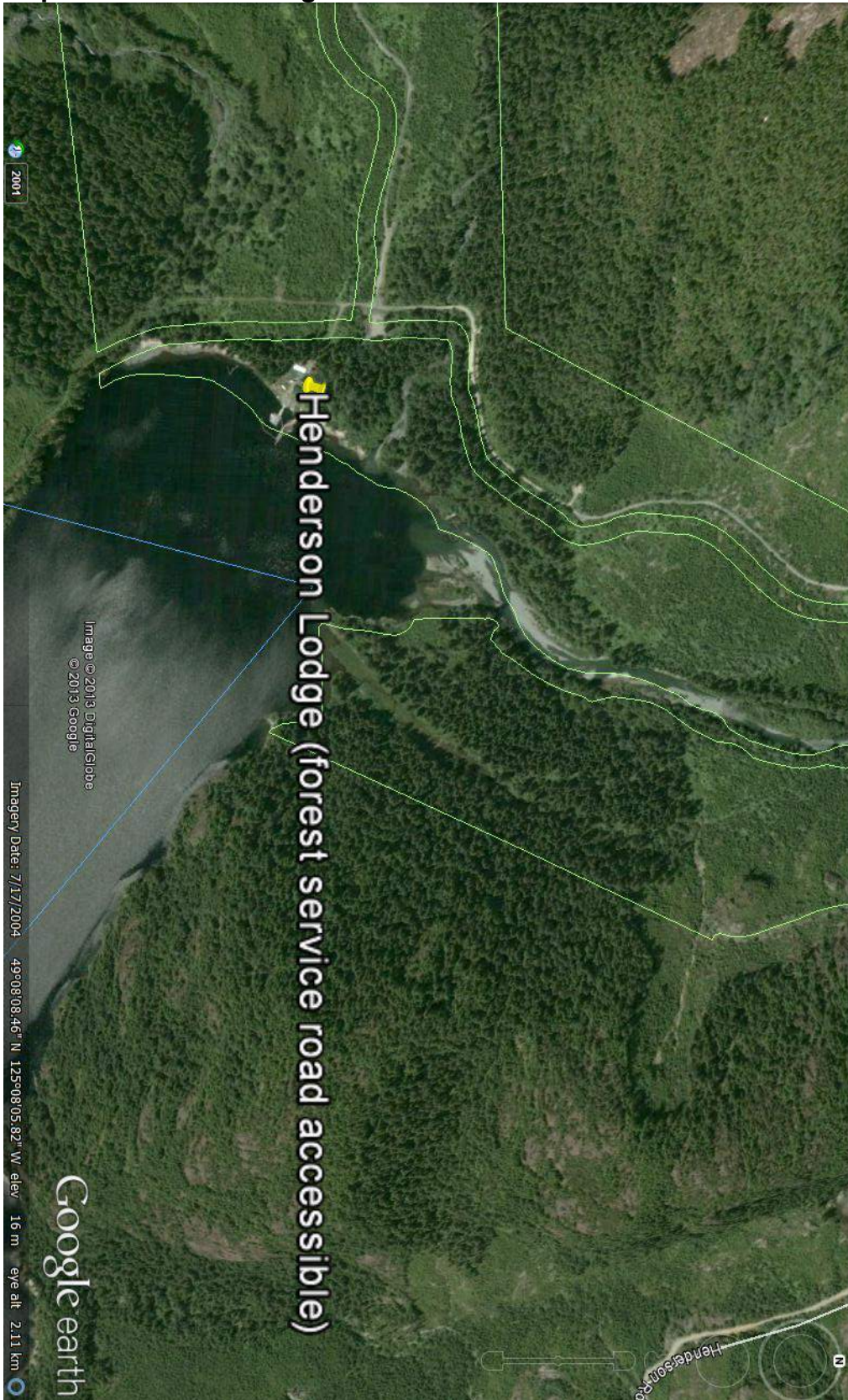
Map 3: Uchucklesaht Tribe Government Cabin



Map 4: Green Cove Store



Map 5: Henderson Lodge



LOCATION DESCRIPTIONS & INFRASTRUCTURE

Village of Elhlatesse.

The Village of Elhlatesse (“the Village” - also known as “Kildonan”) is located at the head of Uchucklesit Inlet adjacent to Snug Basin. The Village is comprised of 14 residential buildings, 13 single-family houses and 1 six-plex residential unit. There are 9 additional structures ranging from critical infrastructure such as community water and power supply to outbuildings. All infrastructure, with the exception of the water treatment plant, is located between 0-25m above sea level. Village population ranges from 8-15. Residents are employed in fisheries, maintenance and transportation (local boat service).

Henderson Lodge.

Henderson Lodge is a former fish hatchery, located at the north end of Henderson Lake. It is comprised of a large 2-storey, 5000 sq. ft. building, along with a number of outbuildings, including one with a large diesel tank. All infrastructure is located 5-25m above sea level. There are no permanent residents, however the lodge is utilized on occasion by Uchucklesaht citizens and contractors.

UTG Cabin.

A residential building located in Uchucklesaht Inlet, owned by UTG. Infrastructure is comprised of a main house and a generator shed. There is also a large permanent propane tank. All infrastructure is located between 0-25m above sea level. There are no permanent residents, however the cabin is utilized on occasion by Uchucklesaht staff and contractors.

Green Cove Store.

Green Cove Store is located close to the mouth of Uchucklesaht Inlet. Infrastructure is comprised of a main 2-storey building with a residence on the top floor, and a commercial space on the bottom floor. There is also an outbuilding housing the diesel generator. All infrastructure is located between 0-10m above sea level. The store is maintained by a permanent resident, who also maintains store stock, including fuel.

CRITICAL INFRASTRUCTURE

The Village has the following critical infrastructure:

BC Hydro Generating Station.

Two BC Hydro 100 kW diesel generators are located east of the village centre. The power system, installed in 2012, includes one diesel tank, two diesel generators, and a battery bank that allows generators to be turned off during low load times to reduce diesel consumption, emissions and noise. A diesel truck is barged in to resupply the tank approximately every two weeks.

BC Hydro Generating Station Shed:

There are two metal accessory buildings located next to the BC Hydro Generating Station. This BC Hydro facility is above the Tsunami Hazard Zone, and includes emergency kits, along with some basic maintenance equipment and a satellite telephone.

Water Treatment Infrastructure.

The water treatment infrastructure is located to the north of the Village on higher ground (approximately 75m above sea level). The infrastructure consists of a water treatment (chlorination) system, installed in 2013, and reservoir. The reservoir is filled by water pumped up from two wells, both of which draw water from 9' below sea level. The pumps are powered by the BC Hydro generating station. The reservoir's capacity is 150,000 L in the reservoir with another 7,000 L located in the lines between the reservoir and the Village, the total of which is approximately 10 days of water supply at regular usage levels. The Village is supplied water from the reservoir by gravity feed, which includes the Village fire hydrants.

Health Clinic:

Located centrally in the Village, this public facility includes a kitchen, common area, and cots. Medical and social workers make regular monthly or bi-monthly visits. It contains no medical equipment or supplies.

Maintenance Building:

Located centrally in the Village, this facility has all necessary Village maintenance equipment, as well as extra propane tanks. It contains no medical equipment or supplies.

Internet/Satellite Dish.

A satellite link provides the village with Internet and voice over Internet protocol (VOIP) phone service. Internet is the only reliable source of communication from the Village to the Uchucklesaht Tribe Government (UTG) office, Port Alberni and elsewhere. The satellite service also functions as the method of monitoring and remotely controlling both the generating station and water treatment plant.

Transportation Infrastructure.

Access to the Village, UTG Cabin, and Green Cove Store is exclusively by boat or floatplane. There is road access to within 300m of the Village at Snug port, owned by Western Forest Products, however boat transportation is still needed. Boat transportation is approximately 60 minutes from Port Alberni in calm seas. Travel by floatplane is by charter only. The UTG own and operates four boats:

1. *Lowrider*, fully enclosed, with a capacity of 12 adult passengers. Used year-round, primarily for transportation of Uchucklesaht citizens from the Village to Port Alberni.
2. *Tom Mac*, partially enclosed, with a capacity of 5 adult passengers. Used primarily in the non-winter months by the UTG Fisheries Technician.
3. *Lifetimer*, an open boat with a capacity of 5 adult passengers. Used primarily in the non-winter months by the UTG Fisheries Technician.
4. *Skiff*, partially enclosed, with a capacity of approximately 10 adult passengers. Used year-round, primarily for transportation of people and goods to the Village.

Collective total UTG boat capacity is 32 adults.

Access to Henderson Lodge is by forest service road.

VULNERABILITY AND HAZARDS

Vulnerability.

The overarching **vulnerability** to residents and visitors on TSL is their isolation, specifically the response delay in the event of an evacuation.

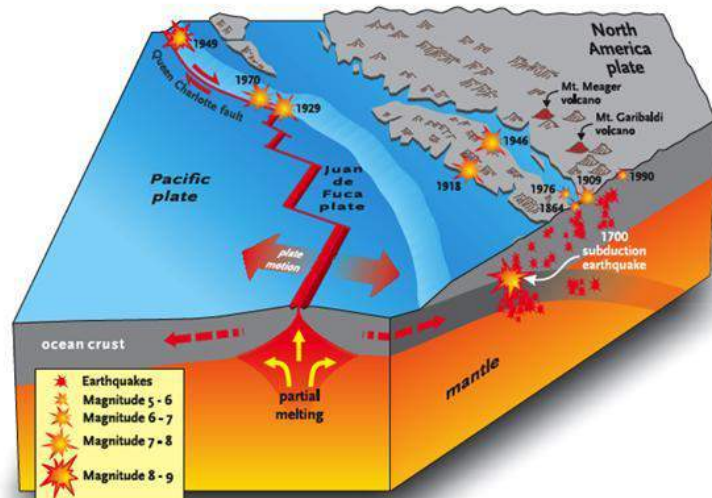
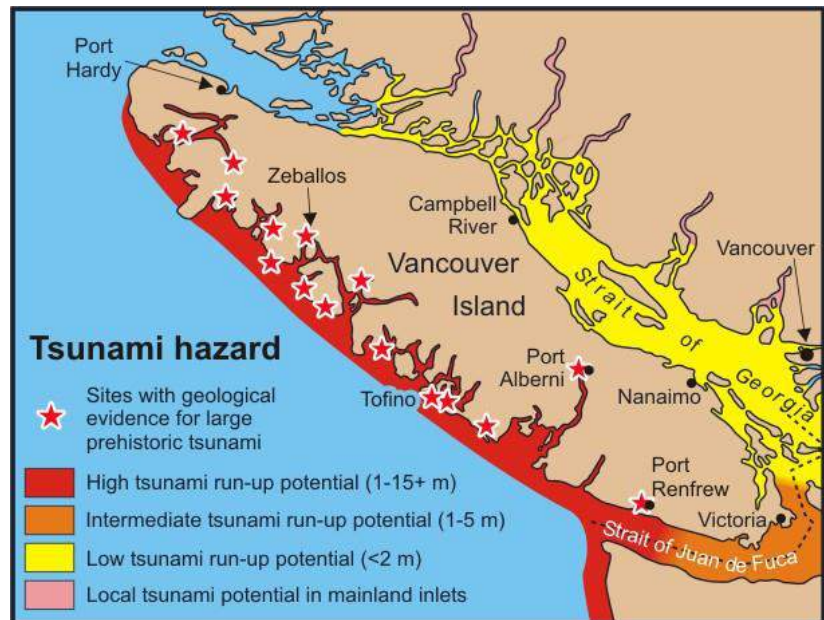
Hazards.

There are four major **hazards** that threaten UTG Infrastructure and residents:

1. Tsunami: With the exception of Henderson Lodge, UTG infrastructure and residents are located within a potential Tsunami inundation zone. The effects of a tsunami may be accentuated at high tide or during periods of severe weather (storm surge). The tsunami threat is not only from local earthquakes but could be caused by earthquakes or other seismic events from anywhere along the Pacific Rim.

2. Earthquake. UTG TSL, like the rest of coastal BC, is located in an active earthquake threat area. It is impossible to predict the likelihood or specific consequences of an earthquake on TSL, however, the construction of the buildings, mainly wood-frame on solid rock and earth may limit the direct damage. However, an earthquake may cause personal injury or death, and damage to critical community infrastructure, and could lead to secondary hazards such as structure fires.

3. Interface Fire. (Note: The *UTG Community Wildfire Protection Plan* contains significant detail on the interface fire hazard and mitigation measures and should be read in conjunction with this plan). Wildfires are a relatively infrequent event along the Uchucklesit Inlet and Henderson

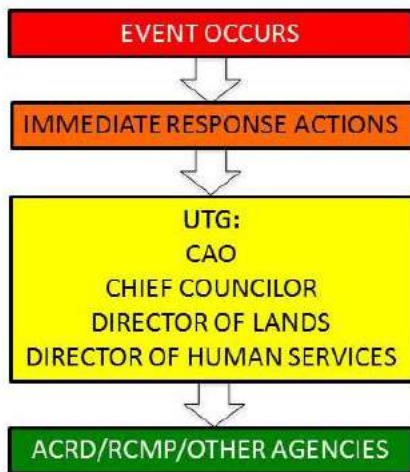


Lake, nevertheless they are still the dominant natural disturbance in the ecosystem and significant-sized wildfires have occurred in recent history. In addition to posing a direct threat to residents and their houses, interface fires also threaten critical infrastructure such as the power generating station, water treatment facility and Internet/Satellite dish. The closest BC Wildfire Management Branch wildfire suppression base is located in Port Alberni, however there is no official emergency response unit for the Village. Fire hydrants, located throughout the village, provide a valuable source of fire protection from interface fires.

4. Structure Fire. Structural fire poses a serious hazard to UTG infrastructure and residents. Buildings are generally of wood frame construction and some have wood shake or shingle roofs. Fire hydrants and fire suppression equipment is located in the Village, however there is no organized fire suppression personnel. It is possible as well that a structure fire could spread to surrounding vegetation and become an interface fire.

EMERGENCY RESPONSE PROCEDURES

Emergency Response Coordination



When an event occurs it is anticipated residents will take immediate actions to protect themselves.

When additional support is required they will contact the UTG office, which will in turn coordinate external agency support

Tsunami

Alerts and Warnings:

Village residents should monitor the Internet, commercial radio and marine radio for tsunami advisory bulletins:

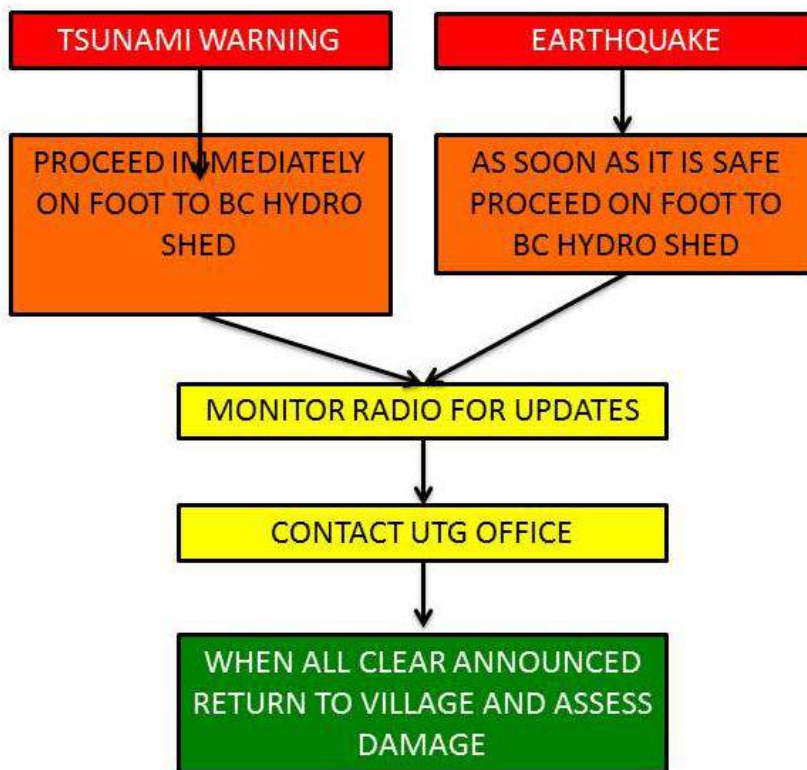
1. **Tsunami Warning:** Warnings are issued when there is imminent threat of a tsunami or confirmation of a tsunami wave. When communities are issued a warning, local emergency plans should be activated and public safety actions taken. Such actions are likely to include the immediate evacuation of at-risk coastal areas and restricting access to emergency response routes and coastal beaches. Warnings are updated as conditions change.
2. **Tsunami Advisory:** Advisories are issued due to the threat of a tsunami that has the potential to produce strong currents dangerous to those in or near the water. Significant inundation is not expected for areas under Advisory but coastal regions prone to damage due to strong currents may be at risk. Appropriate actions by emergency management personnel may include closing beaches and evacuating harbours and marinas. Additionally, local officials may opt to move boats out of harbours to deep waters, if there is time to safely do so.
3. **Tsunami Watch:** This is notification based on early seismic information that provides advanced alerting to areas that could be impacted if a tsunami has been generated. When communities are issued a Watch, local emergency plans should be activated, and local authorities should prepare for possible evacuation in the event that their area is upgraded to a Warning.
4. **Tsunami Information:** This is awareness notification. Tsunami information messages may be issued based only on preliminary seismic information without

confirmation of a tsunami wave. These types of messages are issued as a means of providing advance alert to areas that could be impacted by a tsunami.

5. **Tsunami Cancellation:** This cancellation message is issued when a Warning or Watch message has been issued but where damaging waves have NOT been generated.
6. **Tsunami All Clear:** This is issued when a tsunami has been generated and the threat of further tsunami is over. This message is to advise stakeholders that the tsunami event is over and no further waves are expected.

Emergency Response:

The procedures to be followed during a tsunami are shown below:



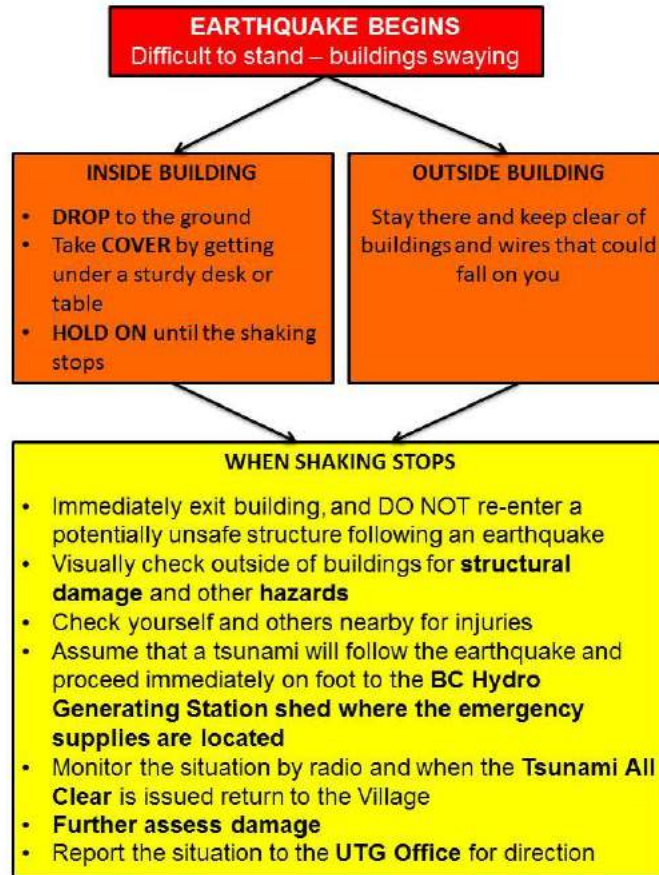
Tsunami All Clear:

Once the All Clear is issued residents should carefully return to the Village. If the tsunami has impacted the Village residents should assess the damage and decide if they can remain in location or an evacuation is necessary. Report the situation to the UTG Office for direction.

Earthquake

Emergency Response.

The procedures to be followed during an earthquake are shown below:

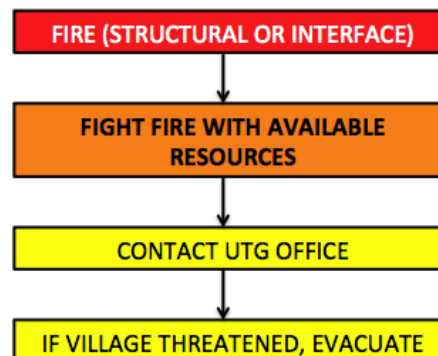


Interface and Structural Fire

The Village is equipped with a new water system and fire fighting equipment, and there are 4 hydrants and equipment stations throughout the Village. The maintenance worker holds the key. GC Store, UTG Cabin, and Henderson Lodge have no fire fighting equipment.

Emergency Response.

The procedures to be followed during a structural or interface fire are shown below:



Evacuation

Decision to Evacuate:

The initial decision to evacuate will likely be made by residents directly, and/or in consultation with the UTG Office, or any other agency or person(s) that makes initial contact.

Supported Evacuation:

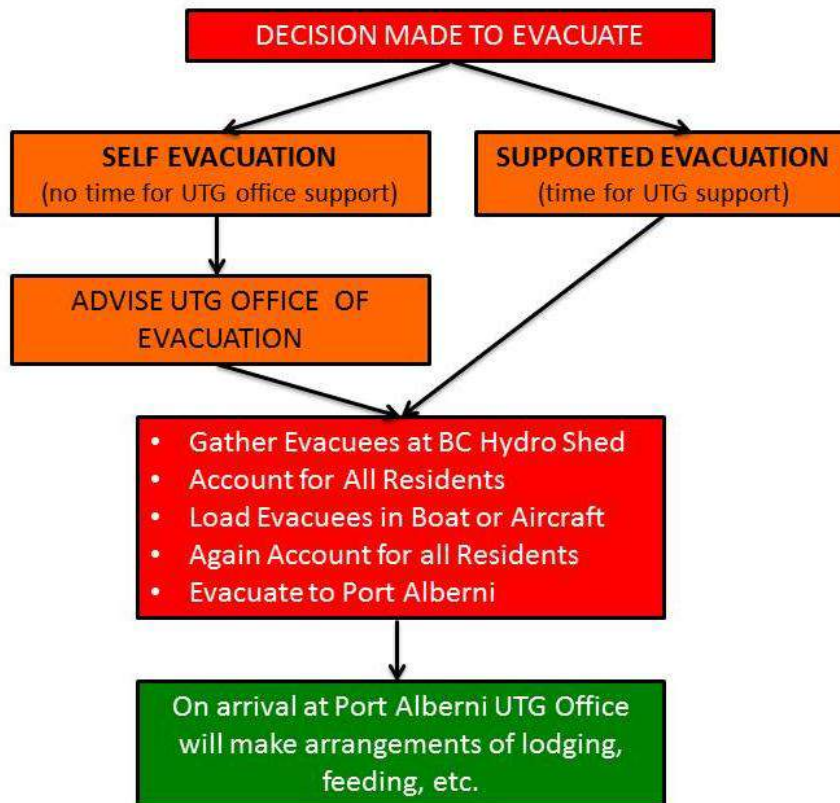
In a situation where there is time to plan an evacuation, residents should advise the UTG Office of the situation and let them coordinate the evacuation. This evacuation could be by air, road or sea.

Self-Evacuation:

In some situations there may be no time to contact the UTG Office or communications may have failed. In this case, the decision will be made to self-evacuate by the most immediate means.

Evacuation Procedures:

Residents and visitors will follow the following evacuation procedures:



LOGISTICS

Emergency Supplies

Village

Emergency supplies are stored at the BC Hydro Generating Station Building.

Green Cove Store, UTG Cabin, Henderson Lodge.

All three have emergency kits stored inside.

Individual/Family.

Each individual/family should maintain a one-week supply of the following in case the Village is isolated:

- Water (in case the Village water supply is contaminated or compromised);
- Food;
- Critical medicines;
- Fuel for generators, heaters and lighting; and
- Spare batteries for flashlights, radios, etc.

Communications

Available communications are shown on this chart. As well, a satellite phone is located in the BC Hydro service building in the Village.

Village	<ul style="list-style-type: none">• Marine Radio• Internet/Voice Over Internet Protocol• Satellite Phone• Amateur Radio• Cell Service from Nurses' Station• Satellite service from BC Hydro Generating Station building
GC Store	<ul style="list-style-type: none">• Marine Radio• Internet/Voice Over Internet Protocol• Satellite Phone• Amateur Radio
UTG Cabin	<ul style="list-style-type: none">• Marine Radio• Internet/Voice Over Internet Protocol• Satellite Phone• Amateur Radio
Henderson Lodge	<ul style="list-style-type: none">• Satellite Phone• CB Radio

APPENDIX 1: Emergency Contact Information

Contact	Number
UTG MAIN 250-724-1832	
• Charlie Cootes Sr	(250) 735-1305
• Scott Coulson	(250) 720-5949
• Monty Horton	(250) 918-9195
• Charlotte Rampanen	(250) 720-9563
Federal/Provincial/Regional Authorities	
• Alberni Clayoquot Emergency Program Coordinator	250-720-2529
• Emergency Management BC 24-Hour Emergency Contact	1-800-663-3456
• RCMP Port Alberni	250-723-7691
• Environmental Emergency Reporting (Through EMBC)	1-800-663-3456
• Fisheries and Fish Habitat Violations	1-800-465-4336
• Report All Poachers and Polluters (RAPP)	1-877-952-7277
• Report a Forest Fire	1-800-663-5555
Medical	
• Island Health	1-877-370-8699
• West Coast General Hospital	250-731-1370
• BC Ambulance	250-723-7691
• BC Drug and Poison Control Centre	1-800-567-8911
Other	
• First Nation Emergency Services Society (FNESS)	1-888-822-3388
• BC Hydro Security Command Centre (24 hour)	1-877-311-8611
• Western Forest Products	250-720-4600
• Air and Marine Emergencies, Joint Rescue Coordination Centre Victoria	1-800-567-5111 1-250-363-2333
Marine Radio Channels	
• 6 Local	
• 16 Emergency	

APPENDIX 2: Evacuee Document List

If time permits evacuees should take the following with them when evacuating:

- Driver's Licence
- Insurance Policies
- Insurance Agent's name/contact information
- Credit Card number's
- Name/phone number of children's school
- Birth Certificates
- Name/address of Doctor
- Medical Card
- Treaty Card/Identification
- Name/number of out of town/province contact
- Passport
- Bank account numbers
- Photos or video of personal property
- Will
- Title to vehicles (cars, boats, RV's etc)
- Medication lists (suggest you write down what you take and how often)
- Medical Information
- Professional licences and Credentials
- Any available cash

Ideally, copies of these documents should be stored in a safe location away from the main residence i.e. with a family member in another community or in a safety deposit box.