

APPENDICES



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Appendix A: Mitigation Planning Team

Initial invitation sent via e-mail on Friday, January 8th for a Kickoff Meeting on January 19th. Additional Planning Team Meetings were held on February 10th, March 10th, April 10th, and May 12th. Reminder e-mails were sent two days or more in advance with time and location.

Name	Department	1st E-mail	Kickoff	Feb	Mar	Apr	May
Martin	Napeahi	Administration	x				
Mytyl	Hernandez	Administration/PIO	x		x		x
Ronni	Arbuckle	Asset Management	x				
Cherie	Ross	beda?chelh	x	x	x		
Diane	Prouty	Boys & Girls club	x	x	x		
Chuck	Thatcher	Boys & Girls Club		x			
Niki	Cleary	Communications	x	x			
Roger	Vater	Communications/KANU TV			x	x	
Michelle	Caldwell	Community Development					x
Krong-Thip	SangKapreecha	Community Development	x	x		x	
Elizabeth	Williams	Community Development	x				
Rochelle	James	Emergency Management	x	x	x	x	x
Pam	Blount	Finance	x				
Jason	Gobin	Forestry	x				
Steve	Young	Hatchery	x				
Lise	Alexander	Health Clinic	x				
Verna	Hill	Health Clinic	x		x		
Vince	Henry	Housing	x	x			
Tisha	McLean	Leasing / TTHAPS		x	x		x
Wendy	Buffett	Mitigation Consultant	x	x	x	x	x
Danny	Simpson	Natural Resources	x				
Todd	Zackey	Natural Resources					x
Margaret	Goodman	Pharmacy	x				
Carlos	Echeverria	Police	x	x	x		
J.A.	Goss	Police	x	x			
Debra	Meuier	Police	x				
Vince	Cooke	Quil Ceda Village	x				
Dean	Henry	Safety	x				
Jason	Biermann	Snohomish DEM	x			x	
Randall	Fay	Snohomish Search & Rescue	x	x	x	x	
Jennifer	Foster	State Dept of Health		x			
Maria	Gardipee	State Dept of Health	x	x			
Justin	Jimicum	TDS	x		x		
Eiko	Toguchi	TDS	x	x	x	x	x
Mike	Alva	TTHAPS / Construction	x	x			
Shawneen	Zachuse	TTHAPS / Construction	x	x	x		
Carlee	Jones	Utilities	x				
Rob	Larson	Utilities					x
Melody	Dumont	Youth Services	x				

The following documents are copies of the Agendas, Handouts and Minutes of those meetings.



Kickoff Meeting Agenda

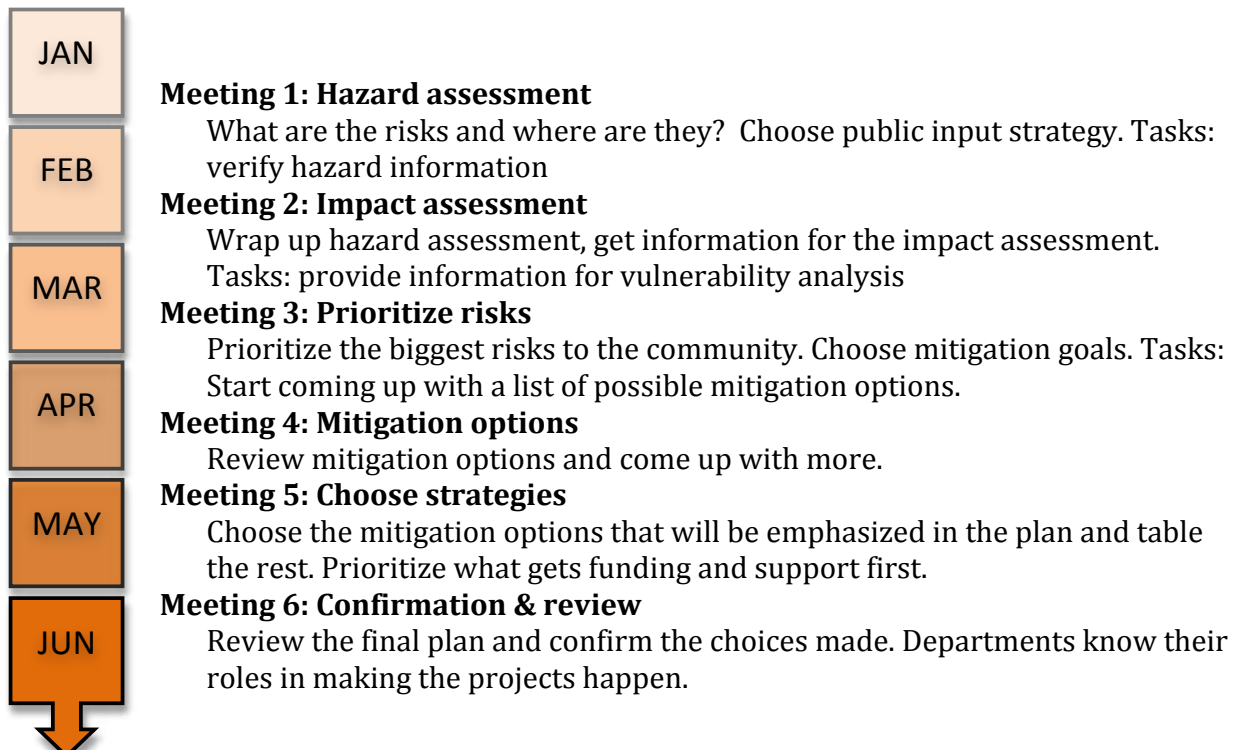
Tuesday, January 19th, 2010

2 pm - 2:30 pm

Training Room 162, Administration Building

1. Sign-in sheet, handouts
2. Introductions (5 min)
3. What is hazard mitigation planning (5 min)
4. Benefits of the process and goals (2 min)
5. Process steps & timeline (5 min)
6. Define roles & responsibilities (5 min)
7. Determine schedule for meetings, select next meeting time (3 min)
8. Who else to invite (5 min)
9. Questions

Meeting Schedule



Kickoff Meeting Minutes

Attendees:

Niki	Cleary	Communications
Diane	Prouty	Boys & Girls club
Cherie	Ross	beda?chelh
Eiko	Toguchi	TDS
Chuck	Thatcher	Boys & Girls Club
Carlos	Echeverria	Police
J.A.	Goss	Police

Offered future meeting times of the second Wednesday or Thursday of the month, selected Wednesday afternoons; 2pm agreed to be a good meeting time. Next meeting February 10th at 2pm.

Groups to invite:

1. Snohomish County Search & Rescue - personal contact with group member, will invite
2. Fire District 15
3. Quil Ceda Village - staff was invited but also bring in management

Public options

1. Community meetings are open to the public and rebroadcast on local channel 99
2. Review emergency preparedness
 - a. Requests for personal visits at different departments
 - b. Visit to the school
 - c. Visit to the Boys & Girl's club which has been listed as an emergency shelter but lacks certain provisions (e.g. generator). Red cross training for shelter managers is currently being organized.



Tulalip HMP Update Risk Assessment Meeting

2 pm, Wednesday, February 10, 2010

Agenda

1. Sign-in sheet, coffee, snacks - 5 mins
2. Introductions - 2 mins
3. Brief overview of process schedule - 2 mins
4. Risk assessment explanation - 5 mins
 - a. List of natural hazards
 - b. Update of previous plan
 - c. New information since then
 - d. Verify our data - add new, changes, ask questions!
 - e. Use thumbtacks, markers, post-it notes, voice
5. 15 minutes to review & comment on maps
6. Re-convene - will now take this info and update maps
7. Public information process - 10 mins
 - a. different options
 - b. which ones are preferred?
 - c. questionnaire - take home to review and confirm
 - d. other ideas, volunteers to help spread word, do programs
8. Infrastructure assessment - 10 mins
 - a. Brief overview
 - b. Confirm or change definition
 - c. Will review data at next meeting
9. Next meeting Wednesday, March 10 at 2pm
10. More time to review maps or adjourn

Critical Facilities definition

2006 Plan:

Critical facilities and infrastructure are those that are critical to the health and welfare of the population. These become especially important after any hazard event occurs.

Critical facilities included for the Tulalip Reservation Hazard Mitigation Plan are as follows: police and fire stations, schools, and all tribal buildings including government buildings and housing. Essential facilities include buildings and businesses that are essential to the community's economy and/or safety after an event. These include the Tulalip Casino, Wal-Mart, Home Depot and other businesses that supply essential goods such as food and equipment.

Public Process Options

Public outreach is a required part of the Hazard Mitigation Planning process. While FEMA does not specify the methods or the number of comments, they require that reasonable efforts were made.

Options used by other planning groups

Includes state, county, multi-jurisdictional, local and tribal:

- 1) Plan on website
 - a) Not advertised yet*
- 2) Community Meeting
 - a) Usually at least one early and one late*
- 3) Council meetings discussing plan
 - a) Attendance is the same as other council meetings*
- 4) Copy of plan at library, admin building and/or emergency management office
 - a) For those not online*
- 5) Newspaper articles
 - a) Press release to feature article*
- 6) E-mail/fax/mailing to key stakeholders
 - a) Bringing key players to meetings*
- 7) Newsletters posted
 - a) Information about hazards and planning process*
- 8) Mailed/online surveys
 - a) Online is cheap, becoming more common*
- 9) Public workshops
 - a) 'How-to's, free kits, scenarios*
- 10) Guest speeches at local orgs
 - a) Chamber of commerce, charities, schools*
- 11) Raffle with prizes
 - a) Combined with public event or community meeting*
- 12) Disaster Drill
 - a) Gets news coverage*
- 13) Faxes to media of meeting notices
 - a) If meetings are open to the public*
- 14) Interviews with individuals working with special populations or at-risk areas
 - a) Those who cannot attend planning meetings*
- 15) Booth at local fair/event
 - a) Can distribute information and request comments*
- 16) TV report/program
 - a) King County had a small feature on public access TV*
- 17) Conference



Minutes from Risk Assessment Meeting, Feb 10, 2010 2pm

Attendees:

Diane	Prouty	Boys & Girls club
Eiko	Toguchi	TDS
Vince	Henry	Housing
Shawneen	Zachuse	TTHAPS / Construction
Maria	Gardipee	State Dept of Health
Randall	Fay	Snohomish Search & Rescue
Mike	Alva	TTHAPS / Construction
Krong-Thip	SangKapreecha	Community Development
Jennifer	Foster	State Dept of Health
Tisha	McLean	Leasing / TTHAPS

Wendy and Rochelle reviewed the planning process; the risk assessment is part of Phase 2.

Wendy explained the hazards that affect the Reservation lands and the maps showing the location of those hazards (some, like heat waves, drought, winter storms etc. affect the whole area and were not mapped). The following comments were made before the break:

Hazard Assessment & Maps

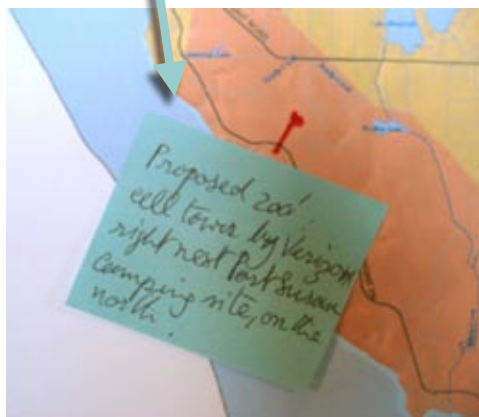
- Randy Faye from Search & Rescue says a study conducted after the Sri Lanka/ Sumatra tsunami looked at a subduction-zone caused tsunami on the Washington coast. It predicted waves of over 80 feet that completely wash over Whidbey Island.
- Jennifer Foster from the State Dept of Health talked about floods and public health, as seen in the Chelan area floods. Bodies of livestock, which rot in the floodwaters, spread disease and contaminate drinking water. In extreme cases, such as the recent earthquake in Haiti, the bodies of those killed during the disaster can also cause public health concerns for the survivors. Large numbers of dead that need to be buried quickly for health purposes may cause a conflict with burial practices. This may be a topic for the elders who do burial ceremonies.
- Flood map (empty) and the tsunami map (everything under 70 feet that connects to the coast), during the last planning process in 2004-06 there were more detailed maps. Rochelle & Wendy will look for these and also meet with Glenn Coil, the previous consultant on the project, who may have knowledge of where the data is.
- Adding pandemics to the hazards plan update: representatives from the State Dept of Public Health, the Tulalip Health Clinic and Emergency Management agreed that a pandemic section in the mitigation plan can help through scenario drills, community education, ensuring access to vaccination clinics. No protest to including pandemic in plan update.

- Adding sea-level rise and climate change to the plan: representative from TTAHPS notes that high tides are beginning to cover the 16" manhole outflows, blocking stormwater from emptying into the Bay and causing backups and flooding in inland areas. General agreement that climate change and its effects should be included, either in a discussion of each hazard, or as a hazard of its own.
- Concerns about lifelines following an earthquake, particularly access to medical centers. If there are significant injuries following a South Whidbey Fault or other quake and the I-5 and 99 corridors south are not available, and/or if medical centers in Everett are overwhelmed, trauma victims and overflow from the medical clinic will have to be treated somewhere north or east. A Memorandum of Understanding with area hospitals to treat victims from Tulalip in the event of a disaster or mass casualty event would help prevent blockages to treatment and assist in management of funds during recovery.

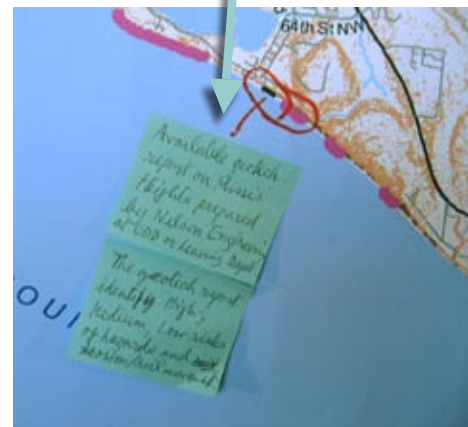
Break - review and comments on maps

Of the 6 maps (Flood, Wildfire, Liquefaction Zones, Tsunami, South Whidbey Groundshaking and Landslide) available, comments were written on 2:

South Whidbey Groundshaking



Landslide





Public Outreach

- A meeting or presentation at the Elder Breakfast is a good way to get the elders involved in the process and obtain feedback about disasters and hazard mitigation.
- A safety fair at Lowe's home improvement store includes booths by the Fire Department, Search & Rescue and CERT
- A walkthrough drill in the Earthquake hazard zone, going door to door to 'red tag' homes that would be inhabitable after an earthquake, raises significant public awareness
- Wal-Mart or Lowe's could provide a list of items to create a 72 hour emergency kit that would be discounted, or arrange coupons for items to purchase for a kit - Karen Zigler (sp) can be contacted for this program

Critical Facilities

- Inclusion of critical routes to facilities and evacuation should be included in the definition
- Cell towers should be essential facilities, also the shortwave tower
- Regarding evacuation routes and access to utility structures, there may be an alternate route roundtable that Rochelle will look into

Maps and the draft survey questions will be sent out for review before the next meeting.

Next meeting is March 10th at 2pm, probably in the same room in the old Housing building: 3107 Rueben Shelton Dr., Tulalip, WA.

Vulnerability Assessment Agenda

2pm March 10, 2010

Snacks, sign-in

Introductions (2 mins)

Overview of stage in process (2 mins)

Review of updated maps (5 mins)

Presentation of vulnerability maps (5-10 mins)

Break, view maps, comment & edit (10 mins)

Review of survey & public process plans (10 mins)

Next step is checking up on progress of action items in 2006 plan (5 mins)

Event planning / sign up for spots (5 mins)

Next meeting time & place



Hazard Ranking Meeting Minutes

2pm April 14, 2010

Attendees:

Eiko Toguchi, TDS GIS
Krongthip Sangkapreecha, Tulalip Community Development
Roger Vater, Tulalip Communications
Tisha McLean, Tulalip Leasing / Construction
Randy Fay, Snohomish DEM/ Search & Rescue
Jason Biermann, Snohomish DEM
Rochelle James, Tulalip OEM
Wendy Buffett, Hazard Mitigation Consultant

1. Introductions

2. Review of progress and process timeline

Completed risk analysis, now ranking hazards and confirming mitigation goals & objectives. Next step is determining mitigation projects, ranking those projects, and writing the plan.

3. Survey update: 150+ responses

71 % Tribal members
61% experienced major storm
52% feel unprepared for disaster
72% trained in first aid/cpr
80% do not have flood insurance
69% do not have earthquake insurance
44% would spend \$500-\$10,000 to protect home
72% female

4. Presentation of Vulnerability Maps

New tsunami map
Wetlands map - NOT flooding
includes all land within 50 feet of wetlands, streams, water bodies, and hydric soils
(if high rain could have backups/seepage)

5. Vulnerability numbers (possible loss estimates)

Where hazards overlap tribal buildings, streets, water/sewer lines and locations, residential addresses, approximate population, exact tribal vulnerable populations (summarized on hazard ranking form)

6. Time to review maps and rank hazards / break

- Use hazard ranking form to rate each hazard as high, medium or low concern.
- Consider the impact to your department, you personally, and the total community.
- Use the public concern and estimated impact along with hazard maps to make your decisions.
- All rankings will be totaled and hazards ranked; mitigation projects that address hazards of high concern will get higher staff & funding priority.

7. Review of Mitigation Goals from 2006 plan

8. Approve, edit or add to existing goals

Recommended edits:

- Add "Placement of Critical Facilities" to the objectives under Goal 1 to integrate with land-use planning
- Add "Support emergency access and evacuation routes" under Goal 2 to support redundancy (Having more than one option so that if during a disaster the one route or office is inaccessible, response can still happen effectively)
- Add "resiliency" to clarify Goal 3 (Would read: "Promote resiliency in order to protect Tribal sovereignty and identity.")
- Change 72 hours to 7 days under Goal 3
- Related comments: possibly identify helipad landing areas for emergency evacuation, additional access roads in case roads along coast are inaccessible (e.g. Marine Dr.)

9. Next steps: mitigation actions, presentation to public

- Coming up with mitigation actions.
- Based off of risk assessment, which actions can we take, generally or in your department. Discuss with others if possible.
- Also consider what other projects are currently underway and which could be approved if funding was available. How much manpower/funding could your department contribute to each project, and how much would it need? How long would it take to complete? Ongoing projects are also okay.
- Presentation to public will be maps & data to elders & public.
- Final mitigation actions will be presented along with the final plan for public comment; can happen same time as approval process.

10. Next meeting time & place

Wed May 12, 2pm, location TBA



Action Items Ranking Agenda

2pm May 12, 2010

1. Introductions (5 min)
2. Review of progress and process timeline (5 min)
 - 4 step process, we are in step 4
 - Plan should be written by the end of June
 - This meeting is intended to take all of the information to date and come up with solutions to the issues we've identified
3. Review of Action Items Status and Discussion (15 min)
 - Which have progressed, which have been abandoned, which should be discarded or altered (write on big sheet)
 - New action items! Write on big sheet - match to goals/hazards
4. Voting for Action Items / break (20 min)
 - Use stickers; more on important. Items that have no stickers will likely be discarded.
5. Public Outreach Schedule (Admin Building, Elder Breakfast) (5 min)
 - Posters will be up in the administration building lobby next Wednesday, May 19 from 9-3 for public review and comment.
 - We will also have copies of the questionnaire. Please stop by and encourage friends & co-workers. Roger Vader is helping us advertise the event; other ways to advertise?
6. Next steps: capability assessment and plan completion (5 min)
 - The capability assessment will be looking at all of the funding and enforcement options we have to complete these projects.
 - Incorporating public comments, hazard ranking, this meeting, and cost-benefit analysis will further help us prioritize the action items we discuss today.
7. Next meeting time & place
 - Next meeting will be at 2pm on Wednesday, June 9.
 - At this meeting we will agree on maintenance and implementation (for instance meeting every few months to check up on the status of the projects in this plan and bring up new issues).

Appendix B: Public Survey Questions and Results

Tulalip HMP Update Survey

The Tulalip Hazard Mitigation Plan is being updated by a committee of Tribal representatives from many departments. We need your help to find out what we should focus on and what we can do to make Tulalip a safer, more prepared community. Please answer the following questions as best you can.

Feel free to write any additional comments or questions on the back of the paper.

If you would like more information or want to be involved in this planning process, please contact Rochelle James at the Office of Emergency Management at rochellejames@tulaliptribes-nsn.gov or (360) 716-5945.

For more information on the Tulalip Hazard Mitigation Plan 2010 Update, please visit the Office of Emergency Management website - google tulalip emergency

Thank you for taking the time to help us!

1. Do you live or work on the Tulalip Tribal Lands?
☐ Live ☐ Work ☐ Both ☐ Neither

2. Where do you live?
☐ Near the marina/Tulalip Bay ☐ Near Quil Ceda Village
☐ Somewhere else on the tribal lands ☐ Near the Hermosa Point bluffs
☐ I don't live in the Tulalip area

3. Are you a Tribal member?
☐ Yes ☐ No

4. Which of these natural hazards has affected you or someone in your household in the last 20 years, in the Tulalip area? *Choose all that apply*

<input type="checkbox"/> Dam Break	<input type="checkbox"/> Drought
<input type="checkbox"/> Earthquake	<input type="checkbox"/> Flood
<input type="checkbox"/> Heat wave	<input type="checkbox"/> House fire
<input type="checkbox"/> Landslide	<input type="checkbox"/> Major storm (wind, rain, snow)
<input type="checkbox"/> Pandemic (widespread illness)	<input type="checkbox"/> Tsunami (tidal wave)
<input type="checkbox"/> None	
<input type="checkbox"/> Other: <input style="width: 400px;" type="text"/>	



5. How worried are you about each disaster putting you, your job or your home in danger? *Please choose one answer for each hazard*

	Very worried	Worried	A little worried	Not too worried	Feel totally safe
Dam break	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Drought	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Earthquake	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Flood	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Heat wave	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
House fire	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Landslide	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Major storm	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pandemic	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Tsunami	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<i>Other:</i>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

6. How well do you think that you or your household are prepared to get through a disaster?

Well prepared	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Not at all prepared
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7. Which of these has someone in your home done to prepare for a disaster? (If you do not live in Tulalip, which has been done at your work?) *Check all that apply*

- ☐ Trained in first aid/CPR
- ☐ Made a fire escape plan
- ☐ Chosen a place to meet outside
- ☐ Know where to shut off the gas, water, electricity, etc.
- ☐ Made an emergency kit
- ☐ Put smoke detectors on every floor
- ☐ Keep extra food and water to last 3 days
- ☐ Keep flashlights and batteries handy
- ☐ Keep a battery-powered or hand crank radio
- ☐ Keep a fire extinguisher

- ☐ Have a first-aid kit and extra medicine
- ☐ Know who is checking on older relatives who live alone
- ☐ CERT (Community Emergency Response Training)
- ☐ Other:

8. Where did you learn about how to be ready for a natural disaster? *Check all that apply*

- ☐ Government source (speech, flyer, handout, etc.)
- ☐ CERT (Community Emergency Response Training)
- ☐ School
- ☐ Local TV, Radio, newspaper
- ☐ Internet
- ☐ Other:
- ☐ Meetings about disasters or safety
- ☐ Lived through one

9. What would be the best ways to get information to your friends and family about how to prepare for a disaster? *Check all that apply*

- ☐ Newspaper ads
- ☐ TV ads
- ☐ Radio ads
- ☐ Internet website
- ☐ Church
- ☐ Public meetings
- ☐ Books
- ☐ Newsletters
- ☐ Mail
- ☐ Businesses
- ☐ Red cross
- ☐ Workshops
- ☐ Training classes
- ☐ Other:
- ☐ Newspaper articles
- ☐ TV articles or news
- ☐ Radio articles or news
- ☐ School
- ☐ Library
- ☐ Billboards
- ☐ Brochures
- ☐ Clubs and groups
- ☐ Telephone book
- ☐ Fire & police department
- ☐ At work
- ☐ Fairs and events



10. Do you have flood insurance?
☐ Yes ☐ No ☐ I don't know
11. Do you have earthquake insurance?
☐ Yes ☐ No ☐ I don't know
12. Have you had a problem getting insurance because of a natural hazard?
☐ Yes - Which hazard?
☐ No
13. When you moved into your home, did you think about how a natural hazard might put you or your home in danger?
☐ Yes ☐ No ☐ Doesn't apply / I don't live here / Always lived here
14. Did your landlord or the person who sold you the house tell you about any natural hazards that might put your home in danger? Did they say you were in an area that flooded, or that landslides happen nearby?
☐ Yes ☐ No ☐ Doesn't apply / I don't live here / Always lived here
15. How much would you spend to make your home safer from a natural disaster?
This could mean anything from raising your home above a high water line, to strapping things down in case of an earthquake.
☐ More than \$10,000 ☐ More than \$500 but less than \$10,000
☐ Less than \$500 ☐ Nothing
16. What would help you spend more on making your home safer?
Check all that might apply
☐ Lower or no fees on the building permit
☐ Lower insurance rates
☐ Lower mortgage payments
☐ Lower property taxes, or a one-time tax refund
☐ Low interest loan
☐ Apply for a free grant to pay for the project
☐ Nothing
☐ Other:

17. If your home was damaged many times or was at a high risk of being damaged (edge of a landslide area), would you agree to the Tribal government buying out your home?

☐ Yes ☐ No ☐ Doesn't apply / don't own my home / don't live here

18. Do you agree with this sentence: "It is the government's (Tribal, state or federal) job to teach people about disasters and help them make their homes and jobs safer from natural hazards. "

Disagree ☐ ☐ ☐ ☐ ☐ ☐ Agree

19. What is the main language spoken most often in your home?

- ☐ English
☐ Lushootseed or other tribal language
☐ Spanish
☐ Asian / Pacific Island language
☐ Other Indo-European language (Russian, Italian, etc.)
☐ African language
☐ Other:

20. What is your age?

☐ Under 18 ☐ 18-35 ☐ 36-59 ☐ 60 or older

21. What is your gender?

☐ Male ☐ Female

22. What is your level of education? *If homeschooled, please choose the closest level*

- ☐ 8th grade or less ☐ Some high school
☐ High school graduate / GED ☐ Some college or trade school
☐ College degree ☐ Post-graduate degree
☐ Other:

23. How long have you lived or worked on the Tulalip lands?

- ☐ Less than 1 year ☐ One to five years
☐ Six to ten years ☐ Eleven to twenty years
☐ More than twenty years



24. Do you own or rent your home?

☐

Own

☐

Rent

☐

I don't live here / doesn't apply

25. Are you on Tribal-owned land or fee land?

☐

Tribal

☐

Fee

☐

Not sure

☐

I don't live here / doesn't apply

26. What is the income of your household before taxes?

☐

Less than \$20,000

☐

\$20,000 - \$50,000

☐

\$50,001 - 100,000

☐

More than \$100,000

27. Do you have regular access to the Internet? *Please check all that apply*

☐

At home

☐

At work

☐

On my mobile phone

☐

At the library or coffee shops

☐

Never

☐

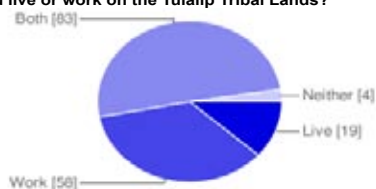
At a friend or family member's house

Thank you for your participation!

158 [responses](#)

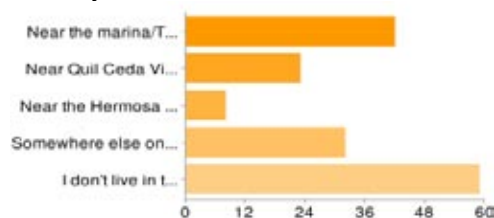
Summary [See complete responses](#)

Do you live or work on the Tulalip Tribal Lands?



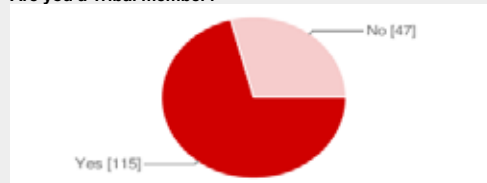
Live	19	12%
Work	58	35%
Both	83	51%
Neither	4	2%

Where do you live?



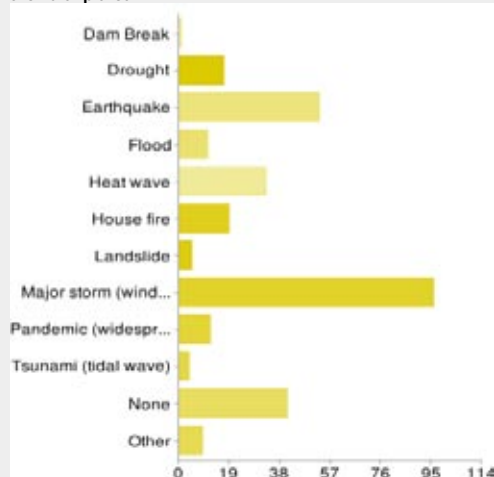
Near the marina/Tulalip Bay	42	26%
Near Quil Ceda Village	23	14%
Near the Hermosa Point bluffs	8	5%
Somewhere else on the tribal lands	32	20%
I don't live in the Tulalip area	59	36%

Are you a Tribal member?



Yes	115	71%
No	47	29%

Which of these natural hazards has affected you or someone in your household in the last 20 years, in the Tulalip area?

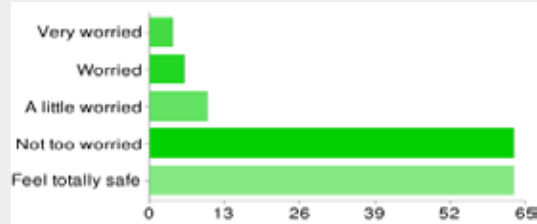


Dam Break	1	1%
Drought	17	11%
Earthquake	53	33%
Flood	11	7%
Heat wave	33	21%
House fire	19	12%
Landslide	5	3%
Major storm (wind, rain, snow)	96	60%
Pandemic (widespread illness)	12	8%
Tsunami (tidal wave)	4	3%
None	41	26%
Other	9	6%

People may select more than one checkbox, so percentages may add up to more than 100%.

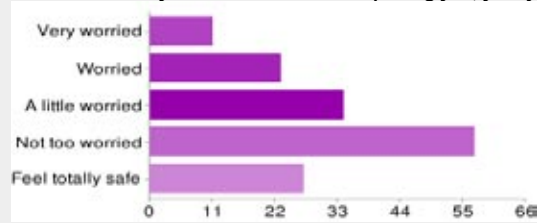


How worried are you about each disaster putting you, your job or your home in danger? - Dam break



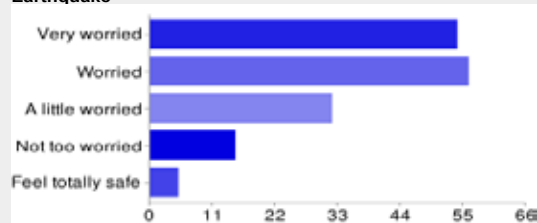
Very worried	4	3%
Worried	6	4%
A little worried	10	7%
Not too worried	63	43%
Feel totally safe	63	43%

How worried are you about each disaster putting you, your job or your home in danger? - Drought



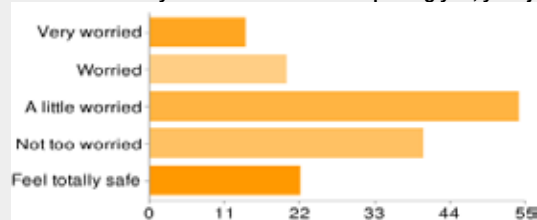
Very worried	11	7%
Worried	23	15%
A little worried	34	22%
Not too worried	57	38%
Feel totally safe	27	18%

How worried are you about each disaster putting you, your job or your home in danger? - Earthquake



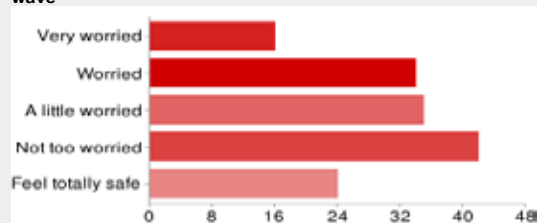
Very worried	54	33%
Worried	56	35%
A little worried	32	20%
Not too worried	15	9%
Feel totally safe	5	3%

How worried are you about each disaster putting you, your job or your home in danger? - Flood



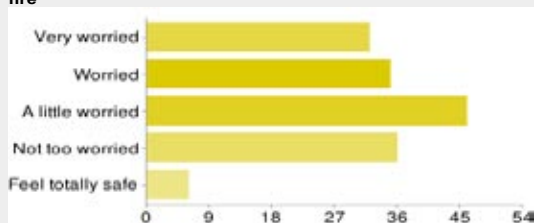
Very worried	14	9%
Worried	20	13%
A little worried	54	36%
Not too worried	40	27%
Feel totally safe	22	15%

How worried are you about each disaster putting you, your job or your home in danger? - Heat wave



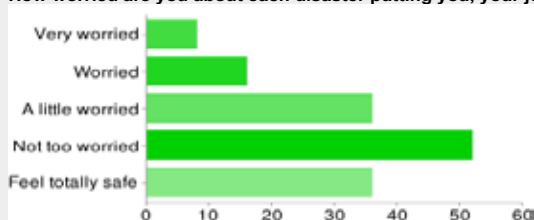
Very worried	16	11%
Worried	34	23%
A little worried	35	23%
Not too worried	42	28%
Feel totally safe	24	16%

How worried are you about each disaster putting you, your job or your home in danger? - House fire



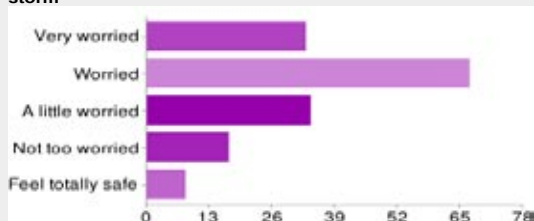
Very worried	32	21%
Worried	35	23%
A little worried	46	30%
Not too worried	36	23%
Feel totally safe	6	4%

How worried are you about each disaster putting you, your job or your home in danger? - Landslide



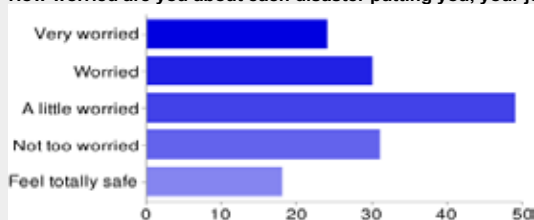
Very worried	8	5%
Worried	16	11%
A little worried	36	24%
Not too worried	52	35%
Feel totally safe	36	24%

How worried are you about each disaster putting you, your job or your home in danger? - Major storm



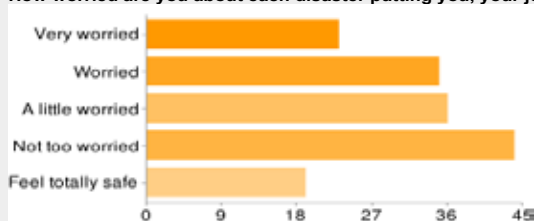
Very worried	33	21%
Worried	67	42%
A little worried	34	21%
Not too worried	17	11%
Feel totally safe	8	5%

How worried are you about each disaster putting you, your job or your home in danger? - Pandemic



Very worried	24	16%
Worried	30	20%
A little worried	49	32%
Not too worried	31	20%
Feel totally safe	18	12%

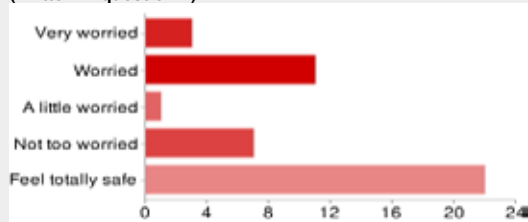
How worried are you about each disaster putting you, your job or your home in danger? - Tsunami



Very worried	23	15%
Worried	35	22%
A little worried	36	23%
Not too worried	44	28%
Feel totally safe	19	12%

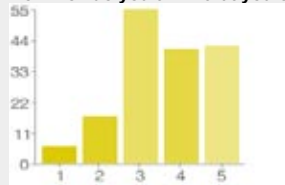


How worried are you about each disaster putting you, your job or your home in danger? - Other
(written in question 4)



Very worried	3	7%
Worried	11	25%
A little worried	1	2%
Not too worried	7	16%
Feel totally safe	22	50%

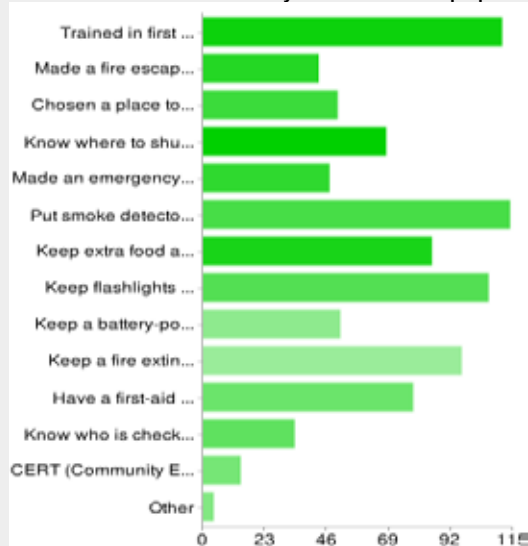
How well do you think that you or your household are prepared to get through a disaster?



1 - Well prepared	6	4%
2	17	11%
3	55	34%
4	41	25%
5 - Not at all prepared	42	26%

Well prepared Not at all prepared

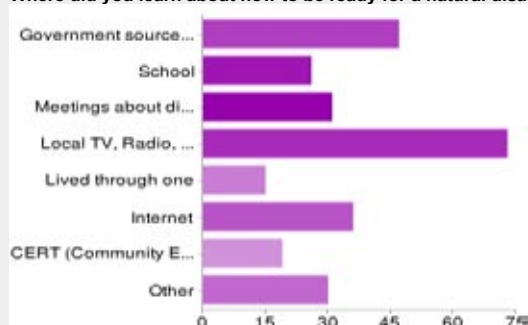
Which of these has someone in your home done to prepare for a disaster?



Trained in first aid/CPR	111	72%
Made a fire escape plan	43	28%
Chosen a place to meet outside	50	32%
Know where to shut off the gas, water, electricity, etc.	68	44%
Made an emergency kit	47	30%
Put smoke detectors on every floor	114	74%
Keep extra food and water to last 3 days	85	55%
Keep flashlights and batteries handy	106	68%
Keep a battery-powered or hand crank radio	51	33%
Keep a fire extinguisher	96	62%
Have a first-aid kit and extra medicine	78	50%
Know who is checking on older relatives who live alone	34	22%
CERT (Community Emergency Response Training)	14	9%
Other	4	3%

People may select more than one checkbox, so percentages may add up to more than 100%.

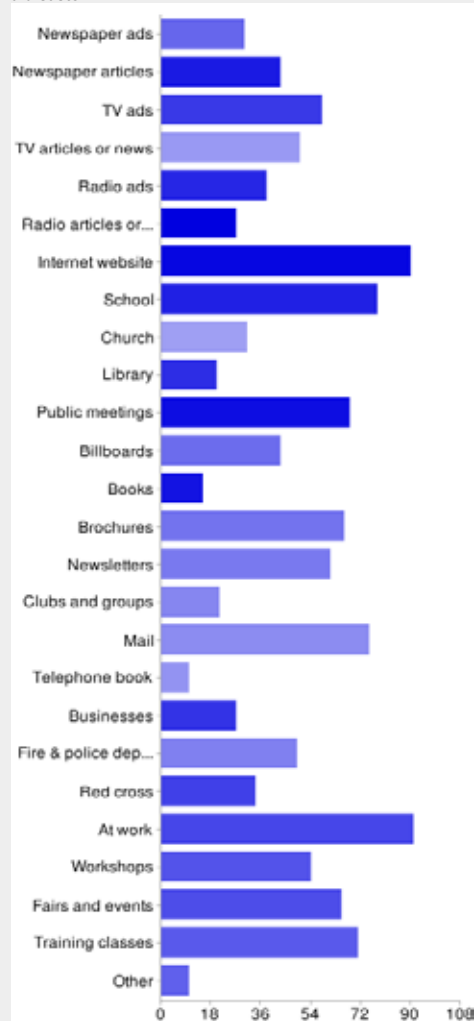
Where did you learn about how to be ready for a natural disaster?



Government source (speech, flyer, handout, etc.)	47	32%
School	26	17%
Meetings about disasters or safety	31	21%
Local TV, Radio, newspaper	73	49%
Lived through one	15	10%
Internet	36	24%
CERT (Community Emergency Response Training)	19	13%
Other	30	20%

People may select more than one checkbox, so percentages may add up to more than 100%.

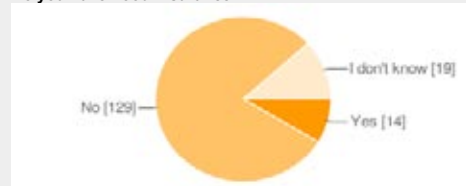
What would be the best ways to get information to your friends and family about how to prepare for a disaster?



Newspaper ads	30	19%
Newspaper articles	43	27%
TV ads	58	37%
TV articles or news	50	32%
Radio ads	38	24%
Radio articles or news	27	17%
Internet website	90	57%
School	78	49%
Church	31	20%
Library	20	13%
Public meetings	68	43%
Billboards	43	27%
Books	15	9%
Brochures	66	42%
Newsletters	61	39%
Clubs and groups	21	13%
Mail	75	47%
Telephone book	10	6%
Businesses	27	17%
Fire & police department	49	31%
Red cross	34	22%
At work	91	58%
Workshops	54	34%
Fairs and events	65	41%
Training classes	71	45%
Other	10	6%

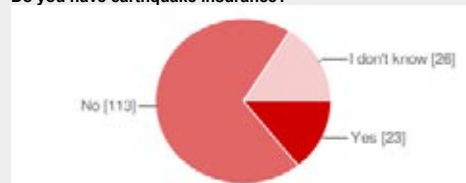
People may select more than one checkbox, so percentages may add up to more than 100%.

Do you have flood insurance?



Yes	14	9%
No	129	80%
I don't know	19	12%

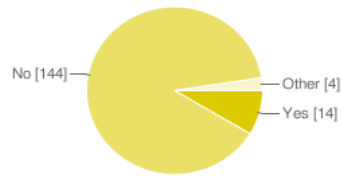
Do you have earthquake insurance?



Yes	23	14%
No	113	70%
I don't know	26	16%

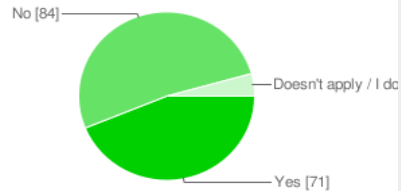


Have you had a problem getting insurance because of a natural hazard?



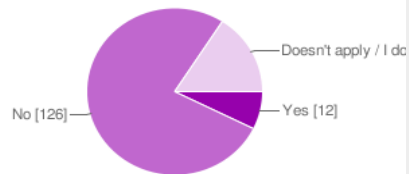
Yes	14	9%
No	144	89%
Other	4	2%

When you moved into your home, did you think about how a natural hazard might put you or your home in danger?



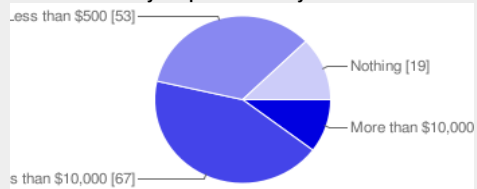
Yes	71	44%
No	84	52%
Doesn't apply / I don't live here / I've always lived here	7	4%

Did your landlord or the person who sold you the house tell you about any natural hazards that might put your home in danger?



Yes	12	7%
No	126	77%
Doesn't apply / I don't live here / I've always lived here	26	16%

How much would you spend to make your home safer from a natural disaster?



More than \$10,000	19	10%
More than \$500 but less than \$10,000	67	43%
Less than \$500	53	34%
Nothing	12	12%

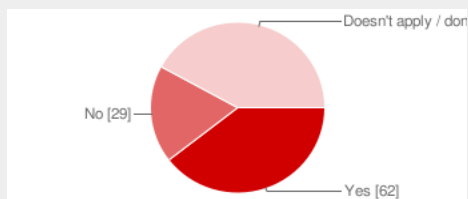
What would help you spend more on making your home safer?



Lower or no fees on the building permit	26	17%
Lower insurance rates	52	34%
Lower mortgage payments	44	29%
Lower property taxes, or a one-time tax refund	32	21%
Low interest loan	41	27%
Apply for a free grant to pay for the project	92	60%
Nothing	13	8%
Other	11	7%

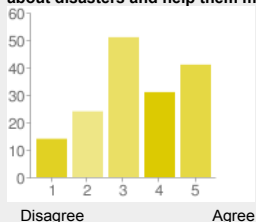
People may select more than one checkbox, so percentages may add up to more than 100%.

If your home was damaged many times or was at a high risk of being damaged (edge of a landslide area), would you agree to the Tribal government buying out your home?



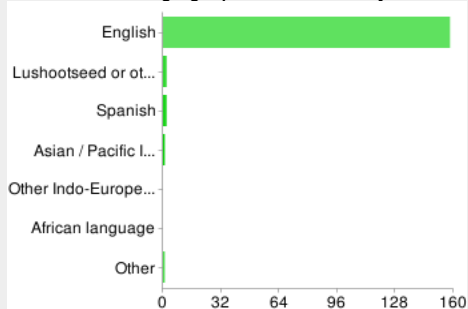
Yes	62	39%
No	29	18%
Doesn't apply / don't own my home / don't live here	66	42%

Do you agree with this sentence: "It is the government's (Tribal, state or federal) job to teach people about disasters and help them make their homes and jobs safer from natural hazards."



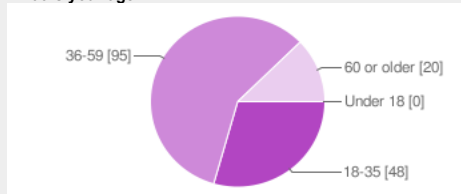
1 - Disagree	14	9%
2	24	15%
3	51	32%
4	31	19%
5 - Agree	41	25%

What is the main language spoken most often in your home?



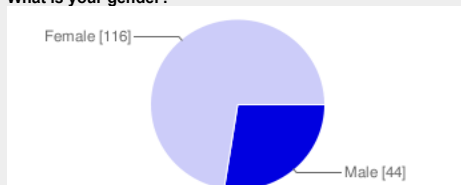
English	158	96%
Lushootseed or other tribal language	2	1%
Spanish	2	1%
Asian / Pacific Island language	1	1%
Other Indo-European language (Russian, Italian, etc.)	0	0%
African language	0	0%
Other	1	1%

What is your age?



Under 18	0	0%
18-35	48	29%
36-59	95	58%
60 or older	20	12%

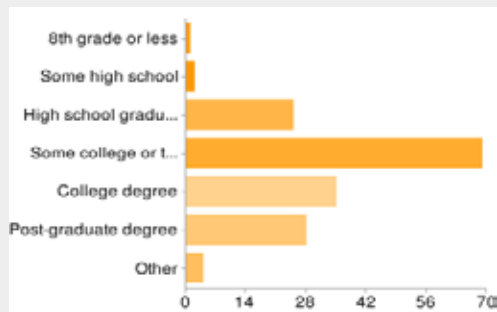
What is your gender?



Male	44	28%
Female	116	73%

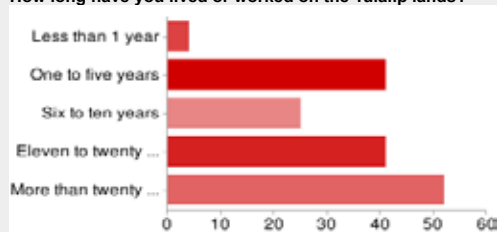


What is your level of education?



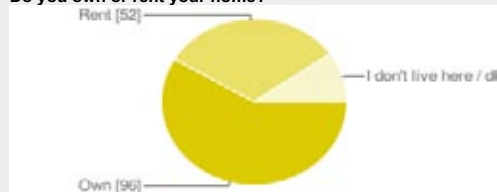
8th grade or less	1	1%
Some high school	2	1%
High school graduate / GED	25	15%
Some college or trade school	69	42%
College degree	35	21%
Post-graduate degree	28	17%
Other	4	2%

How long have you lived or worked on the Tulalip lands?



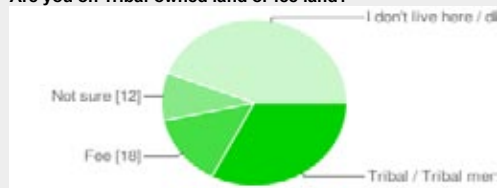
Less than 1 year	4	2%
One to five years	41	25%
Six to ten years	25	15%
Eleven to twenty years	41	25%
More than twenty years	52	32%

Do you own or rent your home?



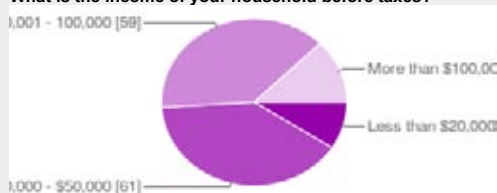
Own	96	59%
Rent	52	32%
I don't live here / doesn't apply	16	10%

Are you on Tribal-owned land or fee land?



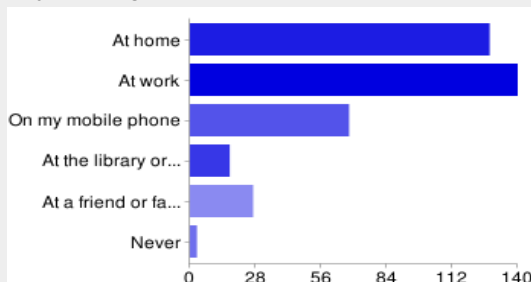
Tribal / Tribal member on trust land	42	26%
Fee	18	11%
Not sure	12	7%
I don't live here / doesn't apply	57	35%

What is the income of your household before taxes?



Less than \$20,000	14	9%
\$20,000 - \$50,000	61	40%
\$50,001 - 100,000	59	39%
More than \$100,000	19	12%

Do you have regular access to the Internet?



At home	128	78%
At work	140	85%
On my mobile phone	68	41%
At the library or coffee shops	17	10%
At a friend or family member's house	27	16%
Never	3	2%

People may select more than one checkbox, so percentages may add up to more than 100%.

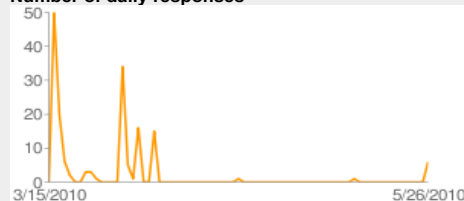
Please use this space for questions, comments, or any more information related to natural hazards and disaster planning.

Question: Are you on Tribal-owned land or fee land? My land is in trust, which I own not the Tribe so this question would not apply. I do not wish to disclose my income I would like to know the probability of earthquakes in our area, but for the most part I am glad Tulalip is looking into assistance. Wish insurance was cheaper... adding earthquake insurance nearly doubled the price... had it for awhile, but had to cancel it after a while because of the economy. The risk of unnatural hazards seems to be outpacing the natural ones. We either need to create a department to handle it -which I

Thank you for your participation!

For more information on the Tulalip Hazard Mitigation Plan 2010 Update, please visit the Office of Emergency Management website at <http://www.tulaliptribes-nsn.gov/Home/Government/Departments/OfficeofEmergencyManagement.aspx>

Number of daily responses





Write-in Comments

- "I would like to know the probability of earthquakes in our area, but for the most part I am glad Tulalip is looking into assistance."
- "Wish insurance was cheaper... adding earthquake insurance nearly doubled the price... had it for awhile, but had to cancel it after a while because of the economy."
- "The risk of unnatural hazards seems to be outpacing the natural ones. We either need to create a department to handle it -which I would gladly organize. Or, we can simply add that to your plate. What do you think?"
- "I do believe the tribe should also have a plan set aside for families in need during a disaster. Clothing vouchers, hot meals, and even buy cots for families to sleep on in the gym when lights go out, snow storms, etc. There are many homeless individuals who have no family they can count on during these down times. Having a open gym with hot meals, water and a place to rest is a great plan. I am more than happy to be a volunteer during those times. I am a single mother of three and one on the way so money wise, I can not contribute but as far as cooking, keeping children occupied, etc. I am more than happy to be counted on! Thank you! {SM}"
- "Tribal Forester was responsible for large equipment during disaster. He retired since the old plan was drawn up. Someone from Housing would be more in line to deploy Contractors in an emergency."
- "Climate change and how it might affect those living in the shoreline area is an important natural hazard. Increases in ocean levels of 24 inches as is expected, when combined with tides and storm surges could cause significant damage and loss of tribal property. Citizens need to be prepared and the tribe should have a plan to address the hazards to avoid hardening all of the shorelines which is bad for traditional fish and shellfish harvest. Salmonid smolts, smelt and sand lance use the areas that can be cut off by resorting to excessive buttressing, rip rap and retaining walls which cut off natural processes."
- "Economic disaster was not included. My wife and kids do not live on Tulalip but are members. If and when there is a crisis we as Tulalip people will look upon the tribe for help, the United States government will not be here for Indian people. Tulalip must be prepared for the amount of people in need. This issue is very important to me, because I know that the tribe is not prepared for anything catastrophic for its Indian people."
- "We live in Washington and we know that there is always some kind of crazy weather change, ranging from a snow storm (2008) to record breaking heat (2009). I think we need to know what meteorologists have to say about our extreme weather and why it's been so unpredictable? Why? What's happening now? What will happen then? We are human beings and I believe if this information is stated our cognitive mind will retain it! Even if that person doesn't do anything about it then, a light bulb will go on when they hear it the second time, third time and so forth. You could also discuss what the disadvantages are from not being prepared. How long can a family of five live with this much water/food? People will listen if you instill fear, because people fear what they do not know.....have a good one"
- "What if we live by trees and a few could fall with heavy winds on to a house? Could we call Tribal Natural Resources for help with removal?"
- "A community meeting to inform us of how important it is to be prepared for disaster. On-site home visits to all the housing sites to show homeowners where the shut off is for gas, water, electricity, etc. How much food, water and medication/personal items is required for an emergency and have a community shelter available. Have an emergency response team drive through the reservation to check each development in a disaster situation to see if there are any life-threatening emergencies, especially the Elders and Seniors."
- "Need more CPR training amongst tribal residents and workers."
- "I'm very glad to see this survey. It is very important for our community to know what we need to do in case of an earthquake and/or tsunami. When the earthquake in Chile happened, why

wasn't our community notified of the tsunami. we need to have the Tulalip Police dept. notify our community and we also need tsunami warning sirens."

- "think there should be an organized boat plan that if bridges were damaged between here & everett, they could cross the bay to take people to higher level of care if needed"
- "I do believe that our tribe needs to get our tribal people prepared for Earthquake & or Tsunami. It is a major problem in other areas and it seems to be getting closer to us."
- "Thank you for this survey!"
- "We really need to make sure the tribe has a disaster plan and everyone knows where to meet. And have someone delegated to check elders and disabled people and a bus for everyone that does not have a car. I i am preparing my home getting food water and such. I have really been worried something big is going to happen and soon. I have been talking to everyone that they need to be ready. Thanks for your work you do."
- "The most significant threat is a major earthquake whereby the entire Marysville Trough becomes fluidized. This would destroy all but the most recently built-to-code buildings. It would also take out businesses upon which people in the area rely upon for income and shopping. A risk assessment should be done (if one does not already exist) and make it known to the community through news releases that address how people can best prepare."
- "see if the tribe could work out a deal so the tribal people could afford fire, food, earthquake insurance. and have community meetings to share with the tribal members who should we contact if help is needed, or to check on our families."
- "Presentations about the ""3 Days 3 Ways"" emergency preparedness would be great!"
- "I work at the Tulalip Health Clinic. Would be nice if we could get grant/funds to help prepare little first aid kits to distribute to patients."
- "no questions at this time."
- "Neighborhood meetings and plans should be implemented. Everyone should have an emergency kit with essential supplies - one at home, one at work and one in the car. They are easy to put together and inexpensive compared to NOT having one"
- "Thanks for your interest!"
- "I feel the Tribal Government should be training the departments or a designee to have there department ready for a disaster. Help with emergency kits prepare for situations at work when it does happen."
- "I am a Tulalip tribal member who lives in Marysville. My job requires me to work closely w/ Tulalip Tribes. I own tribal land and plan to build on it in the near future."
- "I would like more information on what my family would need in case of an earthquake...or somewhere we can all meet up and be safe...we are hearing of so many earthquakes and tsunamis taking place around the world...it only makes me worry about when/if we will have a tragedy... god forbid."
- "I really would like to know what to do in case of a earthquake/tsunami and would like to educate rest of my family. needs and quickest exit out of hermosa when disaster accures."
- "I think there is a lot more people could do to prepare for disasters. It is easy to not prepare because disasters are so infrequent. I have lived through earthquakes in Seattle and in Alaska, but none has been serious enough to have required a disaster preparedness kit. When The Big One hits, there will be many people unprepared, and I can be counted among them."
- "For Tulalip, it would be great to know emergency evacuation routes. If Marine Drive becomes impassable is there an alternative route? If not, as I expect, people should be informed what to do in case they cannot evacuate."
- "The public should be better-informed about the risk for Tsunamis, especially after an earthquake. I've seen Tsunami maps that show potentially flooding up The Quil (27th Avenue Northeast), but I don't think this is widely disseminated information. If a Tsunami happens, is there a siren



system in place or would we just hear a wall of rushing water? It would be good to know what to expect and tips on what to do in the event of a Tsunami.”

- “Thank you for the opportunity to comment.”
- “Because of the fact that Tulalip is built with only two main access road to the lower rez area, plans on what to do in an emergency as far as access would be good to develop. Developing plans for particular types of major emergency such as Tsunami or earthquake would be very desirable since waiting till it happens would be a little late. We encounter medium storms on a regular basis so working out those problems would help in the other plans. We have never really had a major storm such as hurricane or anything like that. Many people probably think that the health center would be a good logical place for emergency plans. The problem with that is they are not planning on being part of disaster plans. They are just barely above the waterline and might not be a good location for that kind of thing. More likely now is the new admin building but it has an issue with access. Work on some things along those lines for major disasters. “
- “Thank you for raising awareness about the need to be prepared! It’s so important ... I believe we only think about being prepared AFTER we see a natural disaster strike somewhere in the world. It hits home that I am NOT prepared for a natural disaster ... I want to be! I will work on being prepared and speak with my family about being prepared. Thank you again. “
- “I think major earthquake preparedness is most important “
- “concerns of the children who run around with no supervision, never know when something can happen and children are out playing or just not going home.”
- “Many I work with do not read the paper, even the See-Yaht-Sub. But they go to community functions, an excellent place to get disaster info out. I have found people are more worried about things that probably will not happen to them disaster-wise, than things more likely (flood, quake)”
- “Recommend to provide information, demonstration, and training about natural & man-made disaster and emergency preparedness & response on TV, school, workplace, shopping mall, and public places.”
- “Just myself & my wife nowadays. When we owned a house on the Rez and were raising 4 children here I always kept 12-36 gal. of drinking water. 20-30 gal. of untreated water for wash, etc. approx 30 days of non-perishable food, enough to make lg. reg. meals w/dessert & snacks for 6-8 people (we usually had 1 or 2 extra kids staying with us) a month of extra meds. a 1st aid kit w/Lidocaine needles, scalpels, reg & dissolving stitch kits, rotated antibiotics, mass bandages & tape, peroxide, alcohol, eye wash, ear drops etc..., also 50+ 5 gal bucket bleach and a back-up 7 day (for six people) food-water-meds, just in case, knives, hatchets, axes, a .22 rifle w/extra box of ammo, parkas, insulated bibs, insulated snow boots, wool socks & sweaters w/caps. Always rotated items whenever possible. We kept this up for 13 of the 14 1/2 years we lived out here in our house. Lots of family & friends thought we were paranoid (watched too many ‘end of the world’ movies). We just thought of it as being prepared to take care of our children. “
- “Any way that the information can get to people is the major solution, whether it be TV, radio, flyer in the mailbox, it doesn’t matter so long as the word gets out in a timely manner. In Florida we had hurricane preparedness beaten into us from May thru December in all medias.”
- “I stay in a homeless shelter”

Appendix C: Critical Facilities

Tulalip Hazard Mitigation Plan 2010 Update				Page 1				Critical Buildings	
OBJECTID	F_CODE	HEIGHT	SQ FT	TRIBAL	RESTROOMS	KITCHEN	SHOWER	GENERATOR	BLDG_NAME
1	RESTAURANT	9	5964	NO	YES	YES	NO		MCDONALDS
2	RESTAURANT	18	3915	NO	YES	YES	NO		ARBYS
3	OFFICES	28	11350	YES	YES	NO	NO	YES	HIBULB CULTURAL CENTER
4	RESTAURANT	19	3253	NO	YES	YES	NO		WENDYS
5	HOTEL	42	14492	NO	YES	YES	YES		HOLIDAY INN
6	SCHOOL	13	42929	YES	YES	UNKNOWN	UNKNOWN		ART AND TECHNOLOGY
7	SCHOOL	13	62868	YES	YES	UNKNOWN	UNKNOWN		QUIL CEDA ELEM SCHOOL
8	SCHOOL	24	10417	YES	YES	UNKNOWN	YES		ADMINISTRATION AND GYMNASIUM
9	SCHOOL	28	13626	YES	YES	UNKNOWN	UNKNOWN		HERITAGE HIGH SCHOOL
10	OFFICES	30	13211	YES	YES	YES			TULALIP DATA SERVICES
11	LIBRARY	26	39459	NO	YES	NO	NO		SNOHOMISH COUNTY LIBRARY
12	RETAIL STORE	8	135401	NO	YES	UNKNOWN	UNKNOWN		HOME DEPOT
13	RETAIL STORE	25	238464	NO	YES	YES	UNKNOWN		WAL*MART
14	CASINO	13	215327	YES	YES	YES	UNKNOWN		TULALIP CASINO
15	INDUSTRIAL	8	131043	NO	YES	NO	UNKNOWN		B/E AEROSPACE
16	INDUSTRIAL	6	5946	NO	YES	NO	UNKNOWN		H.D. FOWLER
17	INDUSTRIAL	17	48931	NO	YES	NO	UNKNOWN		NATIONAL BARRICADE
18	INDUSTRIAL	32	26884	NO	YES	NO	UNKNOWN		H.D. FOWLER
19	INDUSTRIAL	29	9461	NO	YES	NO	UNKNOWN		H.D. FOWLER
20	OFFICES	13	3050	YES	YES	NO	NO		
21	OFFICES	18	19530	YES	YES	NO	NO	YES	SOUTH LOT
22	HOTEL	35	27697	NO	YES	YES	YES		BEST WESTERN
23	RESTAURANT	19	4145	NO	YES	YES	NO		TACO TIME
24	RETAIL STORE	29	5086	YES	YES	NO	UNKNOWN		LIQUOR STORE & SMOKE SHOP
25	RETAIL STORE	21	25410	NO	YES	UNKNOWN	NO		
26	RETAIL STORE	22	16975	NO	YES	UNKNOWN	NO		
27	OFFICES	14	7955	YES	YES	NO	NO		QUIL CEDA VILLAGE ADMIN
28	UTILITY - SEWER	28	5128	YES	NO	NO	NO		
29	RESTAURANT	28	7170	NO	YES	YES	NO		BOBS BURGER
30	RETAIL - RESTAURANTS	34	42745	NO	YES	YES	NO		RETAIL CENTER
31	BANK	25	6245	NO	YES	YES	NO		KEY BANK
32	RETAIL - RESTAURANTS	15	500550	NO	YES	YES	UNKNOWN		SEATTLE PREMIUM OUTLETS
33	STORAGE	17	1937	YES	UNKNOWN	NO	NO		QCV MAINTENANCE
34	STORAGE	23	2706	YES	UNKNOWN	NO	NO		QCV MAINTENANCE
35	GAS STATION	24	6389	NO	YES	NO	NO		
36	OFFICES	30	4579	YES	YES	NO	NO		GRAPHIC DESIGN
37	SCHOOL	24	6870	YES	YES	UNKNOWN	UNKNOWN		MONTESSORI SCHOOL
38	SCHOOL	28	5082	YES	YES	UNKNOWN	UNKNOWN		MONTESSORI SCHOOL
39	SPIRITUAL PLACE	26	5765	YES	NO	NO	NO		LONGHOUSE
40	OFFICES	19	4855	YES	YES	NO	UNKNOWN		OLD DAY CARE
41	HEALTH CLINIC	31	28062	YES	YES	YES	UNKNOWN	YES	HEALTH CLINIC
42	OFFICES	22	6356	YES	YES	NO	NO		MARINA BUILDING
43	STORAGE	16	1884	YES	UNKNOWN	NO	NO		
44	STORAGE	24	1949	YES	UNKNOWN	NO	NO		
45	OFFICES	18	8409	YES	YES	NO	NO		
46	STORAGE	13	1308	YES	UNKNOWN	NO	NO		
47	OFFICES	27	4052	YES	YES	NO	NO		OLD COMMUNICATIONS BLDG
48	OFFICES	16	5579	YES	YES	NO	NO		OLD TANF BLDG
49	OFFICES	14	5552	YES	YES	NO	UNKNOWN		NATURAL RESOURCES
50	OFFICES	17	4895	NO	YES	NO	UNKNOWN		
51	OFFICES	20	6426	NO	YES	NO	UNKNOWN		CHILD SUPPORT ENFORCEMENT
52	PUBLIC HOUSING	15	970	YES	YES	YES	YES		SOCIAL SVCS HOMELESS SHELTER
53	PUBLIC HOUSING	17	766	YES	YES	YES	YES		SOCIAL SVCS HOMELESS SHELTER
54	PUBLIC HOUSING	15	946	YES	YES	YES	YES		SOCIAL SVCS HOMELESS SHELTER



OBJECTID	F_CODE	HEIGHT	SQ_FT	TRIBAL	RESTROOMS	KITCHEN	SHOWER	GENERATOR	BLDG_NAME
55	PUBLIC HOUSING	17	780	YES	YES	YES	YES		SOCIAL SVCS HOMELESS SHELTER
56	PUBLIC HOUSING	13	976	YES	YES	YES	YES		SOCIAL SVCS HOMELESS SHELTER
57	PUBLIC HOUSING	13	788	YES	YES	YES	YES		SOCIAL SVCS HOMELESS SHELTER
58	OFFICES	17	4160	YES	YES	NO	UNKNOWN		TRANSITIONAL HOUSE
59	OFFICES	21	5264	YES	YES	NO	UNKNOWN		FAMILY AND YOUTH SERVICES
60	OFFICES	23	2201	YES	YES	NO	YES		SOCIAL SVCS HOMELESS SHELTER
61	OFFICES	27	13253	YES	YES	NO	UNKNOWN		BEDA?CHELH
62	COMMUNITY & SPIRITUAL	22	6761	YES	YES	NO	NO		ECEAP PRESCHOOL
63	OFFICES	13	1161	YES	YES	NO	NO		
64	OFFICES	13	1077	YES	YES	NO	NO		
65	OFFICES	17	5113	YES	YES	NO	UNKNOWN		FAMILY AND YOUTH SERVICES
66	OFFICES	13	1330	YES	YES	NO	NO		
67	OFFICES	10	932	YES	YES	NO	NO		
68	UTILITY - SEWER	30	3371	YES	NO	NO	NO		
69	INDUSTRIAL	17	24223	NO	YES	NO	UNKNOWN		NATIONAL BARRICADE
70	OFFICES	18	1603	YES	YES	NO	NO		
71	UTILITY - SEWER	8	121	YES	NO	NO	NO		
72	BINGO PARLOR	37	20952	YES	YES	YES	NO	YES	TULALIP BINGO
73	GAS STATION	17	1062	NO	YES	NO	NO		76
74	RETAIL STORE	17	2737	NO	YES	NO	NO		76
75	RETAIL STORE	22	5252	NO	YES	UNKNOWN	NO		
76	RETAIL STORE	23	4402	NO	YES	UNKNOWN	UNKNOWN		
77	BANK	18	6503	NO	YES	NO	NO		BANK OF AMERICA
78	GAS STATION	18	5915	NO	YES	NO	NO		MIRASTAR
79	TRUCK STOP	28	14752	NO	YES	UNKNOWN	UNKNOWN		DONNAS TRUCK STOP
80	OFFICES	12	2377	YES	YES	NO	UNKNOWN		TANF
81	STORAGE	24	12079	YES		UNKNOWN	UNKNOWN		QCV MAINTENANCE
82	STORAGE	19	1784	YES	UNKNOWN	NO	NO		QCV MAINTENANCE
83	STORAGE	21	1106	YES	UNKNOWN	NO	NO		QCV MAINTENANCE
84	STORAGE	17	4103	YES	UNKNOWN	NO	NO		QCV MAINTENANCE
85	RESTAURANT	19	3953	NO	YES	YES	NO		MCDONALDS
86	STORAGE	26	16181	YES	UNKNOWN	NO	NO		CASINO MAINTENANCE
87	POLICE STATION	20	5668	NO	YES	NO	UNKNOWN		WASHINGTON STATE PATROL
88	SCHOOL	0	15383	YES	YES	UNKNOWN	UNKNOWN		10TH STREET MIDDLE SCHOOL
89	CHURCH	30	15499	NO	YES	UNKNOWN	UNKNOWN		MORMON CHURCH
90	RECREATIONAL	13	3126	NO	YES	UNKNOWN	UNKNOWN		
91	CHURCH	26	3612	NO	YES	UNKNOWN	UNKNOWN		TULALIP CHURCH OF GOD
92	SCHOOL	19	5906	YES	YES	UNKNOWN	UNKNOWN		TULALIP DAY CARE CENTER
93	RETAIL STORE	24	3826	NO	YES	YES	NO		PREIST POINT GROCERY
94	RETAIL STORE	13	4493	NO	YES	UNKNOWN	NO		TOTEM GROCERY
95	GAS STATION	17	1021	NO	YES	NO	NO		
96	WATER TANK	52	2112	YES	NO	NO	NO		
97	WATER TANK	62	541	YES	NO	NO	NO		
98	OFFICES	19	4735	YES	YES	NO	NO		
99	OFFICES	13	1559	YES	YES	NO	NO		
100	OFFICES	18	1319	YES	YES	NO	NO		
101	SENIOR CENTER	15	6349	YES	YES	UNKNOWN	UNKNOWN		ELDERS / SENIOR SERVICES
102	SENIOR CENTER	21	8051	YES	YES	UNKNOWN	UNKNOWN		ELDERS / SENIOR SERVICES
103	CHURCH	31	4579	YES	YES	NO	NO		ST ANNES CATHOLIC CHURCH
104	PUBLIC HOUSING	26	7346	YES	YES	YES	YES		SENIOR HOUSING
105	PUBLIC HOUSING	14	2446	YES	YES	YES	YES		SENIOR HOUSING
106	PUBLIC HOUSING	14	2485	YES	YES	YES	YES		SENIOR HOUSING
107	PUBLIC HOUSING	14	2489	YES	YES	YES	YES		SENIOR HOUSING
108	PUBLIC HOUSING	13	2479	YES	YES	YES	YES		SENIOR HOUSING

Tulalip Hazard Mitigation Plan 2010 Update					Page 3			Critical Buildings	
OBJECTID	F_CODE	HEIGHT	SQ FT	TRIBAL	RESTROOMS	KITCHEN	SHOWER	GENERATOR	BLDG_NAME
109	PUBLIC HOUSING	18	2592	YES	YES	YES	YES		SENIOR HOUSING
110	PUBLIC HOUSING	25	2832	YES	YES	YES	YES		
111	PUBLIC HOUSING	13	4381	YES	YES	YES	YES		
112	HORSE BARN	32	22650	NO	NO	NO	NO		
113	CHURCH	22	5904	NO	YES	UNKNOWN	UNKNOWN		
114	WATER TANK	20	361	NO	NO	NO	NO		
115	WATER TANK	19	304	NO	NO	NO	NO		
116	UTILITY - WATER	9	733	NO	NO	NO	NO		
117	UTILITY - WATER	10	313	NO	NO	NO	NO		
118	UTILITY - WATER	0	451	NO	NO	NO	NO		
119	UTILITY - WATER	7	280	NO	NO	NO	NO		
120	UTILITY - WATER	0	205	NO	NO	NO	NO		
121	UTILITY - WATER	18	263	NO	NO	NO	NO		
122	UTILITY - WATER	0	288	NO	NO	NO	NO		
123	WATER TANK	0	359	NO	NO	NO	NO		
124	WATER TANK	0	717	NO	NO	NO	NO		
125	WATER TANK	0	5023	YES	NO	NO	NO		
126	WATER TANK	0	7416	YES	NO	NO	NO		
127	GAS STATION	0	9617	YES	YES	NO	NO		TULALIP GAS STATION
128	STORAGE - OFFICES	0	20413	YES	YES	NO	NO		
129	UTILITY - SEWER	0	4522	YES	NO	NO	NO		
130	HOTEL	13	112080	YES	YES	YES	YES	YES	TULALIP RESORT
131	MUSEUM	0	21985	YES	YES	UNKNOWN	UNKNOWN	YES	TULALIP MUSEUM
132	UTILITY - ELECTRIC	0	35617	NO	NO	NO	NO		ELECTRICAL SUBSTATION
133	OFFICES	0	38673	YES	YES	YES	YES	YES	TULALIP ADMINISTRATION BLDG
134	OFFICES	14	2031	YES	YES	NO	NO		OLD FINANCE BLDG
135	OFFICES	10	4295	YES	YES	NO	UNKNOWN		RECYCLING / BLDG MAINTENANCE
136	OFFICES	10	2480	YES	YES	NO	NO		AUTO MAINTENANCE
137	OFFICES - GYMNASIUM	14	22544	YES	YES	YES	YES		OLD ADMIN BLDG AND GYM
138	YOUTH CENTER	22	4120	YES	YES	UNKNOWN	NO		YOUTH SERVICES
139	POLICE STATION	13	3107	YES	YES	NO	UNKNOWN	YES	TULALIP POLICE
140	FIRE STATION	8	7962	NO	YES	UNKNOWN	UNKNOWN		SNOHOMISH COUNTY FIRE STATION
141	SCHOOL	20	54343	YES	YES	UNKNOWN	UNKNOWN		TULALIP ELEMENTARY
142	INDUSTRIAL	27	52114	NO	YES	NO	UNKNOWN		NATIONAL BARRICADE
143	WATER TANK	27	265	NO	YES	NO	NO		NATIONAL BARRICADE
144	WATER TANK	27	271	NO	YES	NO	NO		NATIONAL BARRICADE
145	CASINO	9	57486	YES	YES	YES	UNKNOWN	YES	QUIL CEDA CREEK CASINO
146	POLICE STATION	26	22538	NO	YES	NO	UNKNOWN		WASHINGTON STATE PATROL
147	SCHOOL	15	21339	YES	YES	UNKNOWN	UNKNOWN		BOYS AND GIRLS CLUB
148	SCHOOL	15	6940	YES	YES	UNKNOWN	UNKNOWN		HERITAGE SCHOOL
149	SCHOOL	15	12684	YES	YES	UNKNOWN	UNKNOWN		ADULT EDUCATION CENTER
150	SCHOOL	15	12684	YES	YES	UNKNOWN	UNKNOWN		ADULT EDUCATION CENTER
151	SCHOOL	15	12684	YES	YES	UNKNOWN	UNKNOWN		ADULT EDUCATION CENTER
152	SCHOOL	15	12684	YES	YES	UNKNOWN	UNKNOWN		ADULT EDUCATION CENTER
153	SCHOOL	15	12684	YES	YES	UNKNOWN	UNKNOWN		ADULT EDUCATION CENTER
154	SCHOOL	15	12684	YES	YES	UNKNOWN	UNKNOWN		ADULT EDUCATION CENTER
155	SCHOOL	15	12684	YES	YES	UNKNOWN	UNKNOWN		ADULT EDUCATION CENTER
156	OFFICES	18	8409	YES	YES	NO	NO		



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Appendix D: Resolution Adopting Plan

Note: this is to be considered an example of what the resolution will be like, once it has been formally approved by Tribal Council. This is a copy of the Resolution adopting the 2006 plan. It will be updated with the new resolution once approved

THE TULALIP TRIBES
Resolution No. 2006- 221

WHEREAS the Board of Directors is the governing body of the Tulalip Tribes under the Constitution and Bylaws of the Tribe approved by the United States Commissioners of Indian Affairs and the Secretary of Interior on January 24, 1936, Pursuant to the Act of June 18, 1934 (48 Stat. 984, 25 U.S.C & 476); and

WHEREAS, the Tulalip Tribes has a duty to create a "Tulalip Tribes Hazard Mitigation Plan" as required by Federal Disaster Mitigation Act (DMA) of 2000 (Public Law 106-390) commonly known as the "2000 Stafford Act" which was approved by Congress on October 10, 2000; and

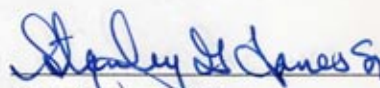
WHEREAS, the Tulalip Tribes has the need to permanently eliminate or reduce the long-term risk to human life and property from natural and human caused hazards; and

WHEREAS, the Tulalip Tribes Hazard Mitigation Plan falls under the jurisdiction of the Tulalip Tribes Board of Directors. The Tulalip Tribes Board of Directors will provide oversight to emergency management activities and those ordinances, resolutions, contracts, rules and regulations that are necessary for emergency management (The Tulalip Tribes Comprehensive Emergency Management Plan 2005).

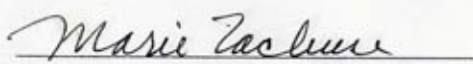
NOW THEREFORE BE IT ENACTED by the Board of Directors of the Tulalip Tribes, to support the request for the adoption of the "The Tulalip Tribes State-Level Hazard Mitigation Plan" as written.

ADOPTED by the Board of Directors of the Tulalip Tribes of Washington at a regular meeting assembled on the 11 of August, 2006, with a quorum present by a vote of 5 for and 0 against.

THE TULALIP TRIBES OF WASHINGTON


Stanley G. Jones Sr., Chairman

ATTEST:


Marie Zackuse, Secretary



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Appendix E: Pre-Adoption Letter from FEMA



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Appendix F: Sources of Funding

Catalog of Federal Disaster Assistance (CFDA) numbers are provided to help you find additional information on the CFDA website.

Disaster-Specific Assistance Programs

- **Community Disaster Loan Program**
(CDFA Number: 97.03)
Provides funds to any eligible jurisdiction in a designated disaster area that has suffered a substantial loss of tax and other revenue.
(Localities)
- **Fire Management Assistance Grant Program**
(CDFA Number: 97.046)
Assistance for the mitigation, management, and control of fires on publicly or privately owned forests or grasslands, which threaten such destruction as would constitute a major disaster.
(States, local and tribal governments)
- **Hazard Mitigation Grant Program**
(CDFA Number: 97.039)
Provides grants to States and local governments to implement long-term hazard mitigation measures after a major disaster declaration.
(States, localities and tribal governments; certain private-nonprofit organizations or institutions; authorized tribal organizations; and Alaska native villages or organizations via states)
- **Public Assistance Grant Program**
(CDFA Number: 97.036)
Provides assistance to alleviate suffering and hardship resulting from major disasters or emergencies declared by the President.
(States, localities, tribal governments and private-nonprofit organizations via states)
- **Reimbursement for Firefighting on Federal Property**
(CDFA Number: 97.016)
Provides reimbursement only for direct costs and losses over and above normal operating costs.
(States, localities, tribal governments and fire departments)



Hazard-Related Grants and Assistance Programs

- Community Assistance Program, State Support Services Element (CAP-SSSE)
(CDFA Number: 97.023)
Provides funding to States to provide technical assistance to communities in the National Flood Insurance Program (NFIP) and to evaluate community performance in implementing NFIP floodplain management activities.
(States)
- Flood Mitigation Assistance Program
(CDFA Number: 97.029)
Provides funding to assist States and communities in implementing measures to reduce or eliminate the long-term risk of flood damage to buildings, manufactured homes, and other structures insurable under the NFIP.
(States and localities)
- National Dam Safety Program
(CDFA Number: 97.041)
Provides financial assistance to the states for strengthening their dam safety programs.
(States)
- National Earthquake Hazards Reduction Program (NEHRP)
(CDFA Number: 97.082)
Provides financial assistance to the states for strengthening their dam safety programs.
(States)
- National Flood Insurance Program
(CDFA Number: 97.022)
Enables property owners in participating communities to purchase insurance as a protection against flood losses in exchange for State and community floodplain management regulations that reduce future flood damages.
(States, localities, and individuals)
- Pre-Disaster Mitigation Program
(CDFA Numbers: 97.017)
Provides funds for hazard mitigation planning and the implementation of mitigation projects prior to a disaster event.
(States, localities and tribal governments)
- Repetitive Flood Claims Program
(CDFA Number: 97.092)
Provides funding to States and communities to reduce or eliminate the long-term risk of flood damage to structures insured under the NFIP that have had one or more claims for flood damages, and that can not meet the requirements of the Flood Mitigation Assistance (FMA) program for either cost share or capacity to manage the activities.
(States and localities)

Non-Disaster Programs

- Chemical Stockpile Emergency Preparedness Program
(CDFA Number: 97.040)
Improves preparedness to protect the people of certain communities in the unlikely event of an accident involving this country's stockpiles of obsolete chemical munitions. (States, localities and tribal governments)
- Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)
(CDFA Numbers: 97.02, 97.021)
Supports programs designed to improve capabilities associated with oil and hazardous materials emergency planning and exercising. (States, localities and tribal governments, U.S. territories, state emergency response committee's (SERCs) and LEPCs)
- Cooperating Technical Partners
(CDFA Number: 97.045)
Provides technical assistance, training, and/or data to support flood hazard data development activities. (States, localities, tribal governments)
- Emergency Food and Shelter Program
(CDFA Number: 97.024)
Supplements the work of local social service organizations within the United States, both private and governmental, to help people in need of emergency assistance. (Private-Nonprofit community and government organizations)
- Map Modernization Management Support
(CDFA Number: 97.070)
Provides funding to supplement, not supplant, ongoing flood hazard mapping management efforts by the local, regional, or State agencies. (States and localities)
- Superfund Amendments and Reauthorization Act
Provides funding for training in emergency planning, preparedness, mitigation, response, and recovery capabilities associated with hazardous chemicals. (Public officials, fire and police personnel, medical personnel, first responders, and other tribal response and planning personnel.)



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