



MEETING SUMMARY



Date/Time of Meeting: Thursday, July 26, 2018, 10:00 AM to noon

Location: Tribal Hall
Santa Ynez Band of Chumash Indians
Santa Ynez, CA 93460

Subject: Steering Committee No. 5

Project Name: SYBCI Tribal Hazard Mitigation Plan

In Attendance (See Attachment): **Attendees:** Willie Wyatt, Teresa Romero, Lisa Figueroa, David Lackie, Jeff Hodge, Daune Dowell, Krista Armenta-Belen, Chris Dahlstrom
Planning Team: Rob Flaner, Teressa Romero

Not Present: N/A

Summary Prepared by: Rob Flaner (08/03/20148)

Quorum – Yes or No Yes

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Welcome and Introductions, Review Agenda

- Mr. Willie Wyatt, Chair Person, opened the meeting and facilitated group introductions.
- Mr. Rob Flaner, Hazard Mitigation Program Manager from Tetra Tech facilitated the balance of the meeting. Tetra Tech is the contractor hired by the SYBCI to facilitate the plan update.
- Distributed handouts included: Agenda, Meeting # 4 summary, Final Objectives, map of the floodplain based on Hazus-H&H analysis and the core capability assessment.
- The agenda was reviewed, and no modifications were made.
- No members of the public were present

Planning Process

- Meeting summary from SC meeting # 4 was reviewed and approved by the SC.
- The final objectives for the plan were reviewed and approved by the SC.

Risk Assessment Update

Under this segment, rob presented the preliminary results of the risk assessment off of his computer projected to the TV monitor in the



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For this segment of the meeting, Rob informed the SC that the plan must contain a strategy that dictates how the Tribe will maintain the plan during its performance period. This strategy must address the following requirements:

- How will the public continue to be involved in the plan's implementation during the performance period?
- How will the tribe integrate this mitigation plan in to other plans and programs that can support or enhance hazard mitigation during the performance period?
- What circumstances will trigger a plan update?
- Do you want to monitor the plans progress periodically during the performance period?

Rob provided an example plan maintenance strategy from another tribal plan for reference. Rob asked the committee if they wanted to include a process for annual progress reporting, and it was the consensus of the SC in attendance that this plan should include progress reporting. It was suggested by the SC that Rob draft a recommended strategy based on this direction that the SC could review and approve at the next meeting.

Rob to draft a recommended plan maintenance strategy for the SC to consider at the next meeting.

Public Involvement Strategy

- Rob previewed the public meeting Power Point presentation and took suggestions for edits.
- SC provided editorial comments on the survey which is ready to be deployed. Survey will be posted prior to the public meeting and the public notice will be distributed as well.

Adjournment

The Meeting was adjourned at 11:55 AM

The next meeting will be Thursday, September 13, 2018, at the Tribal Hall; from 10:00 AM to noon.



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annual chance of seeing in any given year. Analyst will run probabilistic scenarios so that they can compare results to deterministic scenarios to estimate recurrence intervals for the deterministic scenarios. A summary of the earthquake results is provided as follows:

- \$43.4 million in damages from the Los Alamos scenario with 21,720 tons of debris and 125 displaced households.
- \$39.7 million in damages from the Santa Ynez scenario with 20,330 tons of debris and 105 displaced households.
- If all of the general building stock on the reservation were impacted to the intensity of 100-Year event, that building stock would sustain \$4.3 million in damages, which represents about 1.11% of the total value for the building stock.

Dam Failure- Dam inundation mapping for the Bradbury Dam was utilized for this assessment. While the inundation area does intersect the reservation (42 acres), no structures are impacted.

Landslide- Landslide susceptibility mapping produced by CA Geological Survey was utilized for this assessment. This data looks at a combination of slope and soil class to determine susceptibility. Based on this assessment, 92 structures were identified in a high landslide susceptibility zone that have a total value of \$191.3 million.

Wildfire- Rob explained to the SC that the available wildfire data for the tribe was very limited. This assessment utilized Potential Fire Zone Data downloaded from LANDFIRE Fuel Model 13. The scale of this data is regional, and lacks the granularity need to look and small planning areas like the Reservation boundaries. But it is the best available data for this assessment. This analysis identified 49 structures in a potential fire zone with a value of \$36.3 million.

Severe Weather and Drought- These hazards were not modeled because they impact the entire planning area.

Other hazards of concern- Will be qualitatively assessed and not modeled.

Core Capability Assessment

Rob stated that the Core Capability assessment that was handed out during the last SC meeting is still only 75% complete and needs to be reviewed and confirmed by the Tribe. Teresa stated that her and Paul would take the lead on getting that completed before the next SC meeting.

Teresa and Paul to complete the Core Capability Assessment.

Plan Maintenance Strategy



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conference room. The risk assessment team has completed the general building stock utilizing the inventory created by the filed visit in June for all 7 hazards of concern. Maps depicting extent and location of each hazard of concern were projected on the monitor, and Rob presented the findings from the risk assessment for each hazard. A summary of the discussion points for this segment are provided as follows:

Flood- Rob explained to the SC the basic principles of how Hazus creates a floodplain boundary using the H&H extension. The fundamental principles of FEMA's guidance for generating approximate floodplain boundaries (FEMA-265) are applied by the model. Rob stressed to the SC that this map is very "approximate" based on the extent and depths that it projects. However, for planning purposes, it does provide a gage of the flood risk on the reservation.

Two key points were stressed by Rob that these results showed:

1. That a high priority for the tribe should be to get a detailed flood study completed for the tribe.
2. The projection of the floodplain illustrates "pinch points" that could be problematic for sediment deposition. When a flood study is done, it should also include a sediment transport model.

A summary of the flood risk assessment is as follows:

- The analysis identified 12 structures exposed to the 100-year flood and 20 exposed to the 500-year flood.
- The total values of the properties exposed to the 100-year flood is \$272.5 million. The value exposed to the 50-year flood is \$277.2 million. These values are significantly impacted by the Casino.
- The value of the property exposed to the 100-year flood presents 70.5% of the total value of all structures on the reservation and the value of the 500-year represents 71.7%.
- The model estimates approximately \$13.9 million in damages from a 100-year flood and \$26.7 million in damages from a 500-year flood.

Earthquake- Three earthquake scenarios were modeled for the reservation. These were: a 6.9 M event on the Los Alamos fault extension, a 7.1 M event on the Santa Ynez Fault, and a 100-year probabilistic scenario. Rob explained that the 2 fault scenarios were deterministic based upon USGS shakeMap scenarios while the 100-yr was a probabilistic scenario. The difference between a deterministic scenario and a probabilistic scenario is that the deterministic scenario is an actual hypothetical event, while the probabilistic scenario shakes the entire planning area to a given intensity that the planning area has a 1%



MEETING SUMMARY

Attachment: Sign-in Sheet

SYBCI Tribal Hazard Mitigation Plan Steering Committee Meeting
July 26, 2018

Name	Representing	e-mail Address
Tina Romo		
CHRIS DATHSTROM	SYRNO, ID No. 1	
Dorine - Dowell	CCR	
David Lackie	S. B county P&D	
Lisa Figueroa	SYBCI	
KOB FANOR	T+	
Jeff Hodge	Santa Ynez CSD	
Kirsta Armenta-Belen	SYTHC	
Willie Wyatt	SYBCI	