

# San Pasqual Band of Mission Indians Multi-Hazard Mitigation Plan

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2019 Hazardous Mitigation Plan Update

**Prepared by:  
San Pasqual Hazard Mitigation Planning Committee**

## Executive Summary

An extensive review of the San Pasqual Band of Mission Indians Multi-Hazard Mitigation Plan was done to update and ensure it addresses the concerns of the Tribe, and that the plan would be enforced, continuously reviewed, and executed. The Plan was revised based on changing risks, situations, infrastructure, land acquired, population, personnel, valuations, and other key factors. Additionally, the recommendations from the Plan Review Crosswalk of April 2010 were taken into consideration for improvement of the plan. The Tribe's Emergency Action and Land Use Strategy Plans were also reviewed. Since the 2011 Plan Update, the Winter Storms of 2017 were declared a federal disaster which did impact the Tribe. Furthermore, in 2016 the Tribal government experienced two Cyber Ransomware attacks. These impacts were taken into consideration in this 2019 Plan Update. Finally, the Hazard Mitigation Planning Committee reviewed other organization plans for best practices that can be incorporated into the San Pasqual Band of Mission Indians Update.

The following are the key changes in this update:

- A new Planning Team was established to update the Plan and ensure its execution. The Team consisted of stakeholders who can take ownership in the action items and other officials. Primarily, the Team consisted of Tribal Government Department Heads and Chief Operating Officer, and the Business Committee.
- All Tables, Charts, and Maps have been updated including census data and asset and land evaluations. All Sections were reviewed.
- Hazards of greatest concern were expanded from four to five and include: wild fires, high winds (Santa Ana), earthquakes, winter storms, and drought, in that order.
- Mitigation goals were expanded from four to five and include: Avoid loss of life; Alleviate hardship and suffering; Minimize damage to property, livelihoods and our way of life; Safeguard Tribal assets and Sacred Sites; and Safeguard Livelihoods and Tribal economy
- All Mitigation Actions were examined, status updated from the 2011 Plan and new action items added.
- The previous plan did not group the Mitigation Measures into categories. For better monitoring, management, and execution, the Planning Committee decided to group the

mitigation actions into six key categories: Prevention, Property Protection, Public Education and Awareness, Natural Resource Protection, Emergency Services, and Structural Projects.

- The previous plan did not adequately prioritize mitigation actions -many actions had the same priority score; therefore, the Team changed the prioritization criteria system from 3 values to 4 values. The previous plan prioritization definitions were: 1 = indicates that existing conditions are negative and could hinder implementation; 3= indicates that there some positive conditions and it should not serve as an obstacle; and 2 = falls somewhere between 1 and 3. The new prioritization definitions are: NA =Not Applicable -Does not count in weighting; -3 Negative Implications, Costs or Effects; 1= Negative and Positive Implications, Costs, or Effects; 3= Positive Implications, Costs, or Effects.
- Additionally, the Team weighted the STAPLEE Criteria as follows: Social 20%, Technical 10%, Administrative 10%, Political 10%, Economic 20%, and Environmental 20%.
- Finally, a new process was established for maintaining, evaluating, and monitoring the new plan including a schedule for meetings in which persons assigned to take action would be held accountable.

The collaborative effort and assessment that went into this 2019 Plan Update along with the incorporation of the key changes above and other actions has significantly improved the San Pasqual Band of Mission Indians' Mitigation Plan. Action has been taken to ensure the Plan does not sit on a shelf but is a living and working document.

## Mitigation Measures Ranked by Lead Department

Mitigation Categories	Mitigation Actions	Priority Total	Department	Lead Department
<b>Environmental</b>				
4.0	Natural resource restoration for fire prevention, drought, and cultural preservation.	27	E/FD	E
6.0	Erosion control-planting site work	24	E/PW	E
1.0	Develop Plan to ensure Trees are healthy, trimmed, and not a danger from falling limbs.	19	E/PW	E
6.0	Establish two (2) waste water treatment plants for the east and west sides of the reservation.	17	E/PW	E
<b>Fire Department</b>				
3.0	Provide public education for earthquake preparedness.	24	FD/TP/IT	FD
3.0	Educate community to provide incentive to make their homes fire safe.	23	FD/H/IT	FD
1.0	Continue Wildland Urban Interface with aggressive weed abatement and vegetation restoration	21	FD/PW/E	FD
5.0	Acquire additional needed Fire apparatuses for Fire Department.	18	FD	FD
1.0	Purchase Type 6 Fire Truck and Fire Barricade Gel	13	FD	FD
<b>Information Technology</b>				
1.0	Protect Tribe from Cyber Attacks	22	IT	IT
<b>Planning</b>				
1.0	Construct turn-around areas for emergency vehicles where needed.	23	Plan/PW/FD	Plan
1.0	Name Unnamed roads and provide signage.	23	Plan/PW	Plan
1.0	Adopt and enforce California Fire Code and Building Code	20	Plan/FD	Plan
6.0	Establish authorized personnel to regulate and enforce the tribal building and permitting ordinance and standards for all new and future construction projects.	19	Plan	Plan
6.0	Pave roads to County standards (curbs, gutters, drainage)	18	Plan/PW	Plan
2.0	Retrofit all Public buildings consistent with National Fire Code.	16	Plan/FD/PW	Plan
6.0	Relocate all utilities underground	3	Plan/PW	Plan
6.0	Upgrade structures to seismic standards.	3	Plan/PW	Plan

<b>Public Works</b>				
3.0	Provide public education for winter storm preparedness.	24	PW/IT	PW
2.0	Channelize adequate drainage around vulnerable roads, and install adequate culverts where needed.	22	PW	PW
<b>Tribal Government</b>				
5.0	Establish Tribal Hall as a cooling center with independent generators for guests and residents.	24	TG/E/PW	TG
1.0	Emergency Planning	24	TG/TP/FD	TG
<b>Tribal Police</b>				
5.0	Research developing Emergency ingress/egress access throughout the reservation.	24	TP/FD/PW	TP
5.0	Retrofit Education Department to be a suitable secondary critical facility.	21	TP/ED	TP
1.0	Produce a Reservation Emergency Map.	20	TP/FD/Plan	TP
5.0	Construct an adequate Public Safety command Center Facility.	18	TP/FD/TG	TP
<b>Water</b>				
4.0	Research and development of additional potable water sources to the reservation	29	W	W
1.0	Install Stream Gages for Flood Monitoring	29	W/PW	W
1.0	Review fire hydrant placement and infrastructure.	24	W/Plan/FD	W
3.0	Provide public education for drought preparedness.	24	W/IT	W
6.0	Reclaimed water infrastructure hydrant/irrigation/storage	23	W/PW	W

## Departments Legend

AD: Administration

BC: Business Committee

E: Environmental Department

ED: Education Department

FA: Fire Academy

FD: Fire Department

FIN: Finance Department

H: Housing Department

IT: Information Technology

Plan: Planning Department

PW: Public Works

TG: Tribal Government

TP: Tribal Police

W: Water