



1 CITY OF DOS PALOS

1.1 Community Profile

1.1.1 Mitigation Planning History and 2021 Process

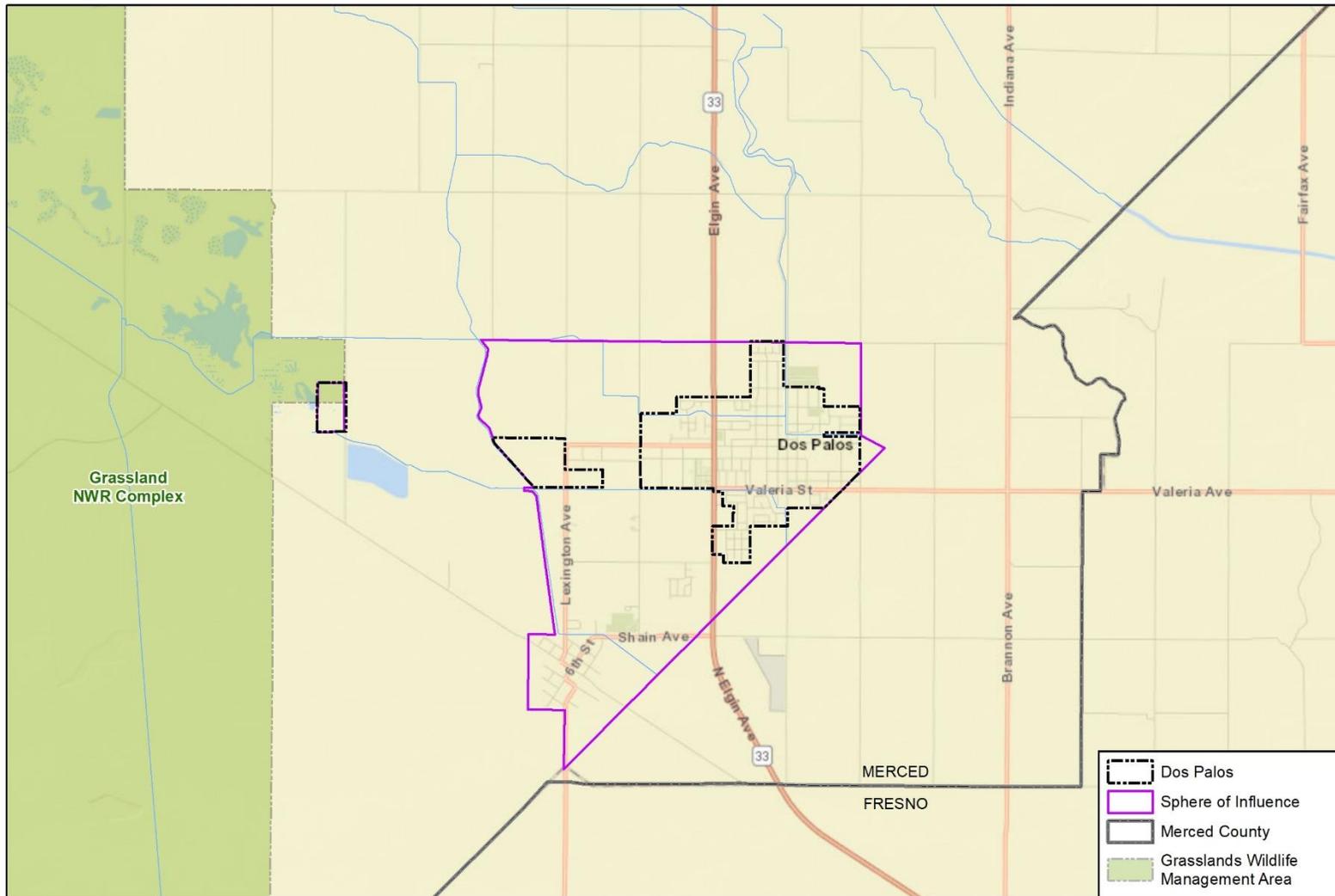
This annex was created during the development of the 2021 Merced County Hazard Mitigation Plan update. This is the first jurisdictional mitigation annex for the City of Dos Palos

The City's Local Planning Team (LPT) hold the responsibility for the development, implementation and maintenance of this annex. Members are listed in Appendix A. More details on the planning process followed and how the jurisdictions and stakeholders participated can be found in Section 3 Planning Process of the Base Plan, along with how the public was involved during the 2021 update.

1.1.2 Geography and Climate

The City of Dos Palos is situated 23 miles south-southwest of the City of Merced, the county seat. California State Route 33 bisects the City of Dos Palos. According to the United States Census Bureau, Dos Palos has a total area of 1.3 square miles. The climate in the City of Dos Palos cycles through a cool rainy winter season and a dry summer season. Summers are hot and dry, and winters are cool and wet, with most of the year's rain falling from late October through early April.

Figure 1-1 Dos Palos Planning Area



wood. Map compiled 3/2021;
intended for planning purposes only.
Data Source: Merced County, USFWS,
FEMA NFHL 3/05/2015

1.1.3 History

The area was first named “Dos Palos” during the 1820s by explorer Gabriel Moraga due to the location of two large, isolated poplar trees. This became a boundary marker for the “Rancho Sanjon de Santa Rita” Mexican Land Grant. In 1891 Bernhard Marks, a former school principal, convinced Henry “Cattle King” Miller to develop a small town they named “Dos Palos Colony”. By 1892 forty pioneer families had been brought west but were unable to find a good source of water causing many to leave. Miller, after being convinced by Marks, established a new town two miles away named Colony Center. In 1906 Dos Palos Colony was renamed South Dos Palos and Colony Center was renamed Dos Palos. The City of Dos Palos was incorporated in 1935.

1.1.4 Economy

Estimates of select economic characteristics for the City of Dos Palos are shown in Table 1-1.

Table 1-1 City of Dos Palos Economic Characteristics, 2015-2019

Characteristic	City of Dos Palos
Families below Poverty Level (%)	12.6%
All People below Poverty Level (%)	14.7%
Median Family Income	\$55,932
Median Household Income	\$56,716
Per Capita Income	\$21,488
Population in Labor Force	62.2%
Population Employed*	54.9%
Unemployment**	11.7%

Source: CA Department of Finance U.S. Census Bureau American Community Survey 2015-2019 5-Year Estimates, www.census.gov/

*Excludes armed forces. **Does not reflect unemployment numbers due to COVID-19 Pandemic

The tables below show the labor force breakdown by occupations and industry based on estimates from the 2015-2019 five-year American Community Survey.

Table 1-2 City of Dos Palos Employment by Industry, 2015-2019

Occupation	# Employed	% Employed
Educational services, and health care and social assistance	389	18.0%
Agriculture, forestry, fishing and hunting, and mining	335	15.5%
Manufacturing	267	12.3%
Retail trade	244	11.3%
Construction	237	10.9%
Transportation and warehousing, and utilities	194	9.0%
Professional, scientific, and management, and administrative and waste management services	102	4.7%
Other services, except public administration	97	4.5%
Public administration	83	3.8%
Information	75	3.5%
Wholesale trade	68	3.1%
Finance and insurance, and real estate and rental and leasing	62	2.9%
Arts, entertainment, and recreation, and accommodation and food services	13	0.6%
Total	2,166	100%

Source: U.S. Census Bureau American Community Survey 2015-2019 5-Year Estimates, www.census.gov/ *Excludes armed forces

Table 1-3 City of Dos Palos Employment by Occupation, 2015-2019

Occupation	# Employed	% Employed
Natural resources, construction, and maintenance occupations	635	29.3%
Production, transportation, and material moving occupations	479	22.1%
Management, business, science, and arts occupations	399	18.4%
Sales and office occupations	360	16.6%
Service occupations	293	13.5%
Total	2,166	100%

Source: U.S. Census Bureau American Community Survey 2015-2019 5-Year Estimates, www.census.gov/

*Excludes armed forces

1.1.5 Population

In May 2020, the State Department of Finance released preliminary population data for the state demographic report, the estimates did not include potential effects of the COVID-19 pandemic. According to the report the City of Dos Palos has a population of 5,546 persons as of January 1, 2020, and experienced a 0.1% loss previous year, leaving the population statically the same. Select demographic and social characteristics for the City of Dos Palos from the 2015-2019 American Community Survey and the California Department of Finance, are shown in Table 1-4.

Table 1-4 City of Dos Palos Demographic and Social Characteristics, 2015-2019

Characteristic	City of Dos Palos
Gender/Age	
Male	49.3%
Female	50.7%
Median age (years)	30
Under 5 years	10.2%
Under 18 years	30.2%
65 years and over	12.9%
Race/Ethnicity	
White	19.9%
Asian	0.6%
Black or African American	1.6%
American Indian/Alaska Native	0.0%
Hispanic or Latino (of any race)	72.4%
Native Hawaiian and Other Pacific Islander	0.0%
Some other race	0.0%
Two or more races	5.5%
Education*	
% High school graduate or higher	67.7%
% with Bachelor's Degree or Higher	11.3%
Social Vulnerability	
% with Disability	8.9%
% Language other than English spoken at home	50.4%
% Speak English less than "Very Well"	26%

Characteristic	City of Dos Palos
% of households with a computer with internet use	82.5%
% of households with no vehicle available	1.8%

Source: CA Department of Finance U.S. Census Bureau American Community Survey 2015-2019 5-Year Estimates, www.census.gov/

* Population 25 years and over

The following table with information from the American Community Survey 5-year estimates (2015-2019) is related to housing occupancy in the City of Dos Palos

Table 1-5 City of Dos Palos Housing Occupancy and Units, 2015-2019

Housing Characteristic	Estimate	Percentage
Housing Occupancy		
Total Housing Units	1,545	100%
Units Occupied	1,516	98.1%
Vacant	29	1.9%
Housing Units		
1-unit detached	1,447	93.7%
1-unit attached	13	0.8%
2 units	12	0.8%
3 or 4 units	43	2.8%
5-9 units	30	1.9%
10-19 units	0	0.0%
20 or more units	0	0.0%
Mobile Home	0	0.0%
Boat, RV, van etc.	0	0%
Housing Tenure		
Owner Occupied	959	63.3%
Renter Occupied	557	36.7%

Source: CA Department of Finance U.S. Census Bureau American Community Survey 2015-2019 5-Year Estimates, www.census.gov/

1.1.6 Development Trends

The Sphere of Influence (SOI), shown in Figure 1-1, are areas the City plans to grow into and potentially slated for future development. Understanding the potential hazard exposure in the area can help to mitigate the impacts of events before development occurs in those areas. During this plan update process a parcel analysis was conducted using the SOI and overlaid with available hazard risk layers to determine where future development may be at risk of natural hazard events. Table 1-6 is the summary of the SOI total exposure for the City of Dos Palos.

Table 1-6 Sphere of Influence Total Exposure Summary

Property Type	Improved Parcel Count	Building Count	Improved Value	Estimated Content Value	Total Value
Agricultural	30	35	\$2,921,905	\$2,921,905	\$5,843,810
Commercial	16	22	\$918,610	\$918,610	\$1,837,220
Exempt	22	99	\$1,000,971	\$1,000,971	\$2,001,942
Industrial	5	7	\$3,212,705	\$4,819,058	\$8,031,763
Mixed Use	2	2	\$3,360	\$1,680	\$5,040

Property Type	Improved Parcel Count	Building Count	Improved Value	Estimated Content Value	Total Value
Residential	462	515	\$45,083,220	\$22,541,610	\$67,624,830
Vacant Land	8	8	\$44,493	\$44,493	\$88,986
Total	545	688	\$53,185,264	\$32,248,327	\$85,433,591

Source: Merced County Assessor, Wood analysis, City of Dos Palos

During the 2021 planning process, the LPT noted receiving approval for a grant that will fund the construction of a new Water Treatment facility to support future development. Once the new facility is completed and operational it will support the development of residential and commercial projects.

2 HAZARD IDENTIFICATION AND SUMMARY

The City of Dos Palos Planning Team identified the hazards that affect the city and summarized their frequency of occurrence, spatial extent, potential magnitude, and significance specific to their community (see Table 2-1). There are no hazards that are unique to Dos Palos. The overall hazard significance takes into account the geographic area, probability and magnitude as a way to identify priority hazards for mitigation purposes. This is discussed further in the Vulnerability Assessment Section.

Table 2-1 City of Dos Palos — Significant Hazards

Hazard	Geographic Area	Probability of Future Occurrence	Magnitude/Severity	Overall Significance
Drought	Extensive	Likely	Critical	Medium
Earthquake	Extensive	Occasional	Critical	Medium
Wildfire	Significant	Highly Likely	Negligible	Medium
Geographic Area Limited: Less than 10% of planning area Significant: 10-50% of planning area Extensive: 50-100% of planning area Probability of Future Occurrences Highly Likely: Near 100% chance of occurrence in next year or happens every year. Likely: Between 10 and 100% chance of occurrence in next year or has a recurrence interval of 10 years or less. Occasional: Between 1 and 10% chance of occurrence in the next year or has a recurrence interval of 11 to 100 years. Unlikely: Less than 1% chance of occurrence in next 100 years or has a recurrence interval of greater than every 100 years.		Magnitude/Severity (Extent) Catastrophic—More than 50 percent of property severely damaged; shutdown of facilities for more than 30 days; and/or multiple deaths Critical—25-50 percent of property severely damaged; shutdown of facilities for at least two weeks; and/or injuries and/or illnesses result in permanent disability Limited—10-25 percent of property severely damaged; shutdown of facilities for more than a week; and/or injuries/illnesses treatable do not result in permanent disability Negligible—Less than 10 percent of property severely damaged, shutdown of facilities and services for less than 24 hours; and/or injuries/illnesses treatable with first aid Significance Low: minimal potential impact Medium: moderate potential impact High: widespread potential impact		

2.1 Vulnerability Assessment

The intent of this section is to assess Dos Palos' vulnerability that is separate from that of the planning area as a whole, which has already been assessed in Section 4 Hazard Identification and Risk Assessment in the Base Plan. This vulnerability assessment analyzes the population, property, and other assets at risk to hazards ranked of medium or high significance that may vary from other parts of the planning area.

The information to support the hazard identification and risk assessment was based on a combination of County and jurisdiction specific information collected during the 2021 update. A Local Hazard Mitigation Plan Update Guide and associated worksheets was distributed to each participating municipality to complete during update process in 2021. Information collected was analyzed and summarized in order to identify and rank all the hazards that could impact anywhere within the County, as well as to rank the hazards and identify the related vulnerabilities unique to each jurisdiction.

Each participating jurisdiction was in support of the main hazard summary identified in the Base Plan (see Table 4-2). However, the hazard summary rankings for each jurisdictional annex may vary due to specific hazard risk and vulnerabilities unique to that jurisdiction. The information in this annex helps differentiate the jurisdiction's risk and vulnerabilities from that of the overall County.

Note: The hazard "Significance" reflects overall ranking for each hazard and is based on the City of Dos Palos' Planning Team member input from the Data Collection Guide and the risk assessment developed during the planning process (see Section 4 of the Base Plan), which included a more detailed qualitative and quantitative analysis with best available data.

The hazard summaries in Table 2-1 above reflect the hazards that could potentially affect City. The discussion of vulnerability for each of the following hazards is located in Section 2.3 Estimating Potential Losses. Based on this analysis, the priority hazards (Medium Significance) for mitigation are drought, earthquake and wildfire.

Other Hazards

Hazards assigned a significance rating of Low, and which do not differ significantly from the County ranking (e.g., Low vs. High) are not addressed further in this plan and are not assessed individually for specific vulnerabilities in this section. In the City of Dos Palos, those hazards include: dam incidents, flood and levee failure, severe weather (extreme heat, dense fog, heavy rain, high wind/tornado), subsidence, hazardous materials incidents, cyber attacks, agricultural pests and disease, and pandemics.

Additionally, the City's committee members decided to rate landslides as Not Applicable (N/A) to the planning area due to a lack of exposure, vulnerability, and no probability of occurrence.

2.2 Assets at Risk

This section considers Dos Palos' assets at risk, including values at risk, critical facilities and infrastructure, historic assets, economic assets and growth and development trends.

2.2.1 Values at Risk

The following data on property exposure is derived from the Merced County 2020 Parcel and Assessor data. This data should only be used as a guideline to overall values in the city as the information has some limitations. The most significant limitation is created by Proposition 13. Instead of adjusting property values annually, the values are not adjusted or assessed at fair market value until a property transfer occurs. As a result, overall value information is likely low and does not reflect current market value of properties. It is also important to note that in the event of a disaster, it is generally the value of the infrastructure or improvements to the land that is of concern or at risk. Generally, the land itself is not a loss and is not included in the values below. Table 2-2 shows the exposure of properties (e.g., the values at risk) broken down by property type for the City Dos Palos.

Table 2-2 City of Dos Palos Property Exposure by Type

Property Type	Parcel Count	Building Count	Improved Value	Content Value	Total Value
Commercial	104	154	\$16,913,918	\$16,913,918	\$33,827,836
Exempt	39	94	\$1,962,673	\$1,962,673	\$3,925,346
Industrial	9	9	\$1,043,139	\$1,564,709	\$2,607,848
Mixed Use	5	5	\$104,170	\$104,170	\$208,340
Residential	1,611	1,733	\$182,105,228	\$91,052,614	\$273,157,842
Vacant Land	6	6	\$40,429	\$40,429	\$80,858
Total	1,774	2,001	\$202,169,557	\$111,638,513	\$313,808,070

Source: Merced County Assessor, Wood analysis

2.2.2 Critical Facilities and Infrastructure

For the purposes of this plan, a critical facility is defined as one that is essential in providing utility or direction either during the response to an emergency or during the recovery operation. FEMA sorts critical facilities into seven lifeline categories as shown in Figure 4-1 in the Base Plan.

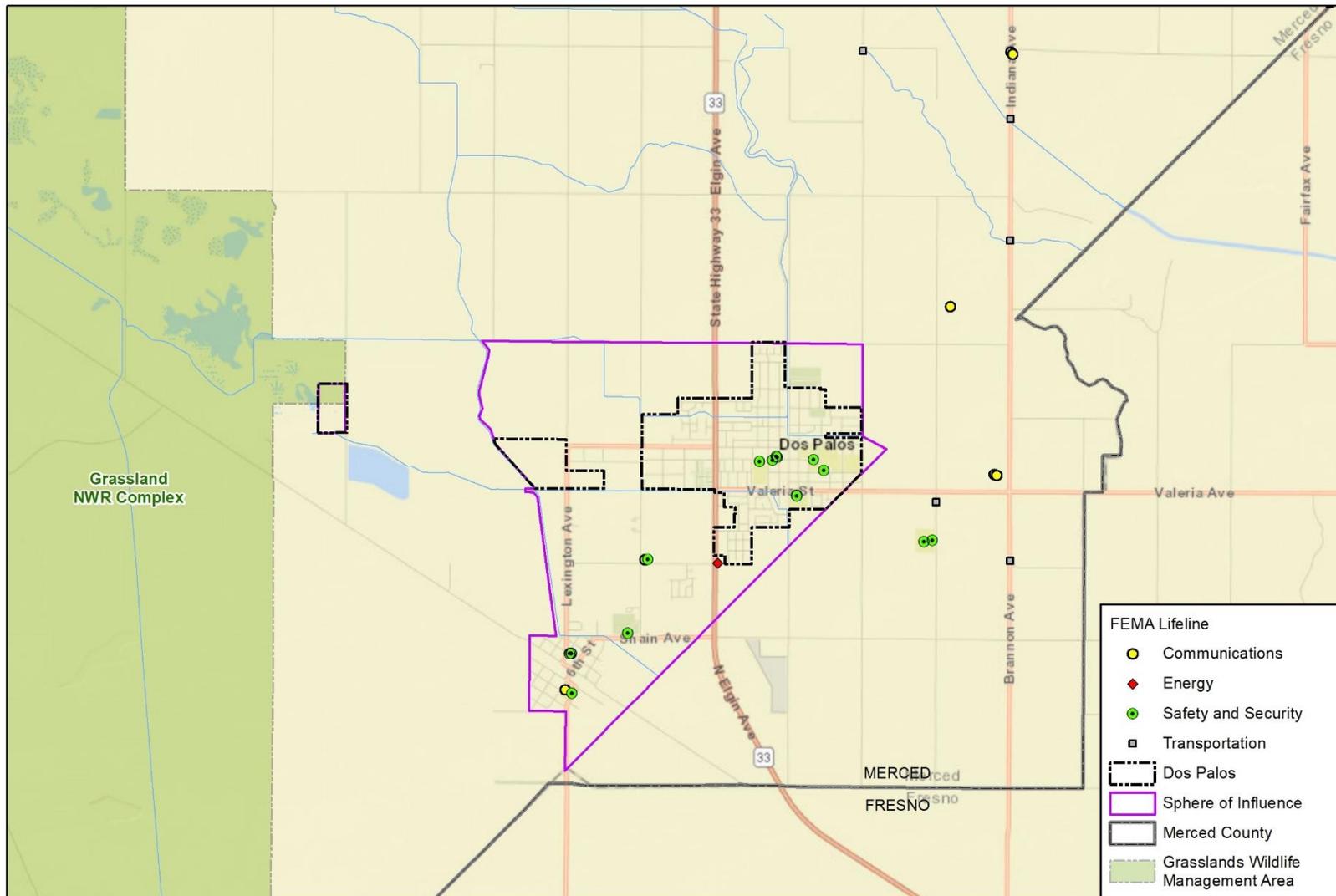
Table 2-3 shows a summary of the critical facilities analysis and shows the location within the city.

Table 2-3 City of Dos Palos Critical Facilities, by Lifeline

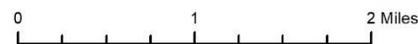
FEMA Lifeline	Count
Communications	1
Safety and Security	7
Total	8

Source: HIFLD, City of Dos Palos, Wood analysis

Figure 2-1 Dos Palos Critical Facilities, by FEMA Lifeline



wood. Map compiled 5/2021; intended for planning purposes only. Data Source: Merced County, USFWS, FEMA NFHL 3/05/2015, HIFLD



2.2.3 Historic, Cultural and Natural Resources

According to the State of California Office of Historic Preservation, there are no historic properties listed on the National or State Historic Register. Refer to Section 4 of the Base Plan for a list of historic properties in Merced County.

Natural resources are important to include in benefit-cost analyses for future projects and may be used to leverage additional funding for projects that also contribute to community goals for protecting sensitive natural resources. Awareness of natural assets can lead to opportunities for meeting multiple objectives. For instance, protecting wetlands areas protects sensitive habitat as well as attenuates and stores floodwaters. The San Luis National Wildlife Refuge and Grassland Wildlife Management Area are located west of the City of Dos Palos. The Wildlife Refuge encompasses 26,800 acres of wetlands, riparian forests, natives grasslands and vernal pools. The Grassland Wildlife Management areas supports seasonally flooded marshlands, semi-permanent marshes and native grasslands. Both the Refuge and Wildlife Management Areas are located in flood hazard areas and benefits the surrounding area by absorbing floodwaters and recharging aquifers.

2.3 Estimating Potential Losses

2.3.1 Earthquake

The City of Dos Palos and surrounding areas historical earthquake activity is below California's state average. No known faults are located in the Dos Palos area. The nearest known fault is the Ortigalita Fault located in the western portion of the City and the only fault line within Merced County. The City of Dos Palos Local Emergency Operations Plan (EOP) also lists the following faults that may impact Dos Palos.

- Central Valley Coast Range Bling Thrust Fault – Located parallel to Interstate 5. Considered active, but not completely mappable at the surface. Responsible for the 1983 Coalinga Earthquake. Maximum magnitude measured was 6.8 Mw.
- Calaveras Fault – Active fault located near Hollister and 16 miles west of Pacheco Pass. Maximum magnitude measured was 6.2 Mw.
- Greenville Fault – Active fault located 30 miles northwest of Pacheco Pass and crosses near Livermore. Maximum magnitude measured was 6.9 Mw.
- San Andreas Fault – Largest and most active fault in the State. Located 24 miles west of Pacheco Pass. Earthquake will be long duration but distant ground motion for the City of Dos Palos. Maximum magnitude measured was 7.9 Mw.

There is no record of any seismic activity originating within the city; however, the County of Merced has been shaken by earthquakes originating elsewhere. There is documented evidence of six earthquakes that shook the area, those of 1872, 1906, 1952, 1966, 1984, and 1989. The LPT added a 3.4 magnitude earthquake occurred on March 31, 2016, with the epicenter 21 miles south-southwest of Los Banos. This was not considered a significant earthquake.

No damaging earthquakes greater than M 6.0 have been recorded in the City of Dos Palos or Merced County in over 200 years, though several have been very close. The most recent large earthquake near Merced County was 16 miles east north-east of King City at a magnitude of 5.3 on October 20, 2012. Several aftershocks followed the main earthquake, including a M3.1 aftershock. This quake was preceded by two earthquakes located approximately 100 miles from Merced County, the 1982 New Idria earthquake (M5.4) and the 1983 Coalinga quake (M6.5). There was low-level ground shaking reported.

Based on the earthquake shaking potential mapped for Merced County and the City of Dos Palos, due to the proximity to the San Andreas Fault, and the history of shaking with no surface rupture, means the probability of damaging seismic ground shaking in the City of Dos Palos is considered as occasional. Other hazards associated with earthquake activity, such as lateral spreading, surface cracking or differential setting, are considered unlikely to occur, although no studies have been conducted to determine the likelihood of these hazards.

2.3.2 Flood and Levee Failure

National Flood Insurance Coverage, Claims Paid, and Repetitive Losses

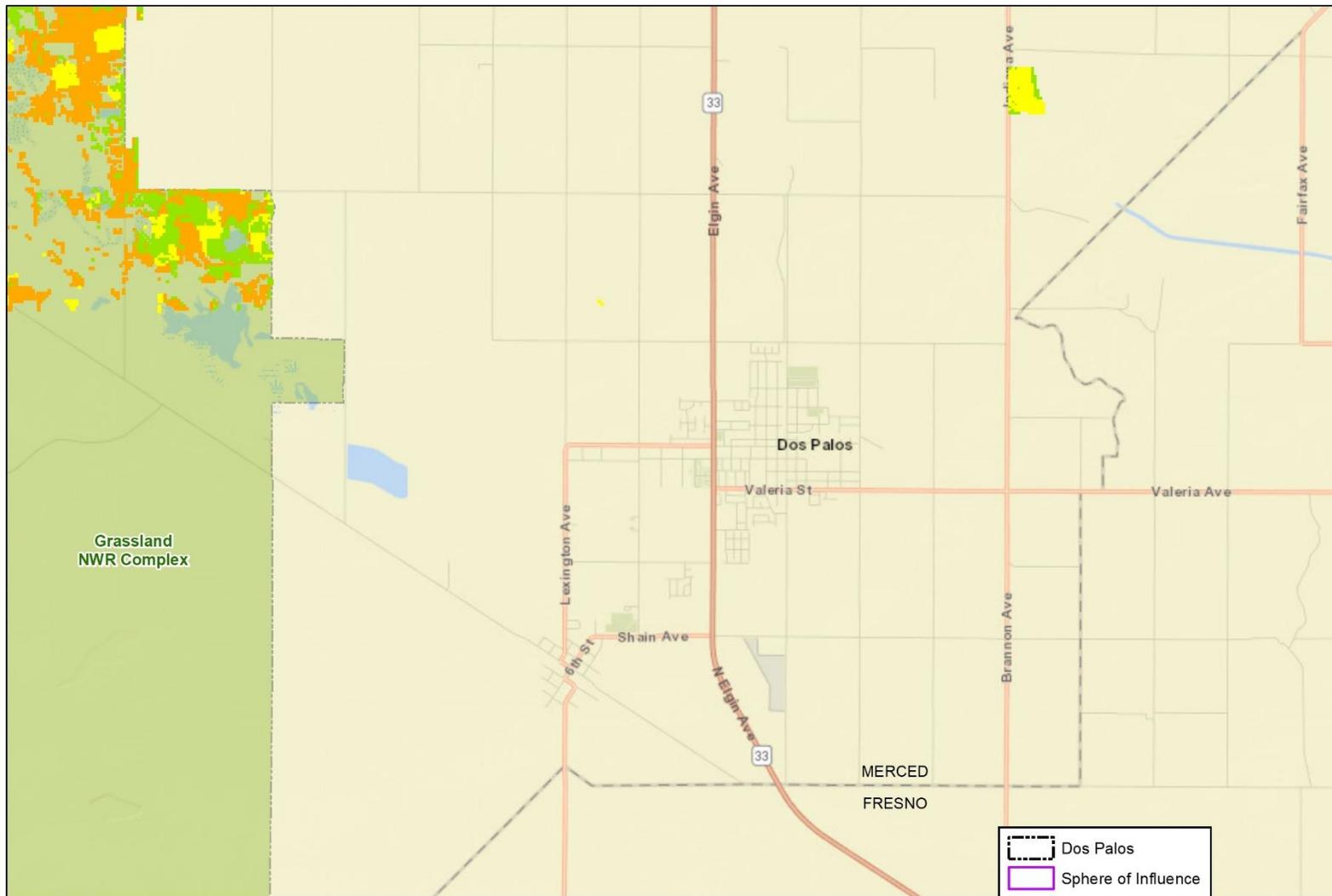
The City of Dos Palos joined the National Flood Insurance Program (NFIP) on May 25, 1978. NFIP Insurance data indicates that as of July 2021, there were 3 flood insurance policies in force in the City with \$553,000 of coverage. All of the policies are single family residential and located in the B, C, and X zone.

There has been 1 historical claim for flood losses totaling \$1,740. According to the FEMA Community Information System accessed July 27, 2021, the City has no Repetitive Loss properties or Severe Repetitive Loss properties as defined by FEMA.

2.3.3 Wildfires

Both urban and wildland fires conditions exist in Merced County and its cities which increases the chances for damage to property, loss of life and/or injury. In most of Merced County, the California Department of Forestry and Fire Protection (Cal FIRE) ranks fuel loading as low. Fuels are mainly crops and grasses. In the southwest corner, there are some brush, pine, and grass fuels, which are ranked as moderate fuel hazards, primarily in the area west of Interstate 5. The LPT noted the agricultural land within and around Dos Palos is vulnerable especially during dry seasons and could cause significant impacts on the local economy if a significant fire was to happen. Figure 2-2 shows the fire threat areas near the city; the majority of the risk is to west of the city within the grassland area. Based on the analysis there are no parcels or critical facilities within the fire threat areas. Figure 2-3 shows the fire responsibility areas in the City of Dos Palos. Refer to Section 4 of the Base Plan for methodology and results of the countywide analysis.

Figure 2-2 Wildfire Threat Areas in City of Dos Palos

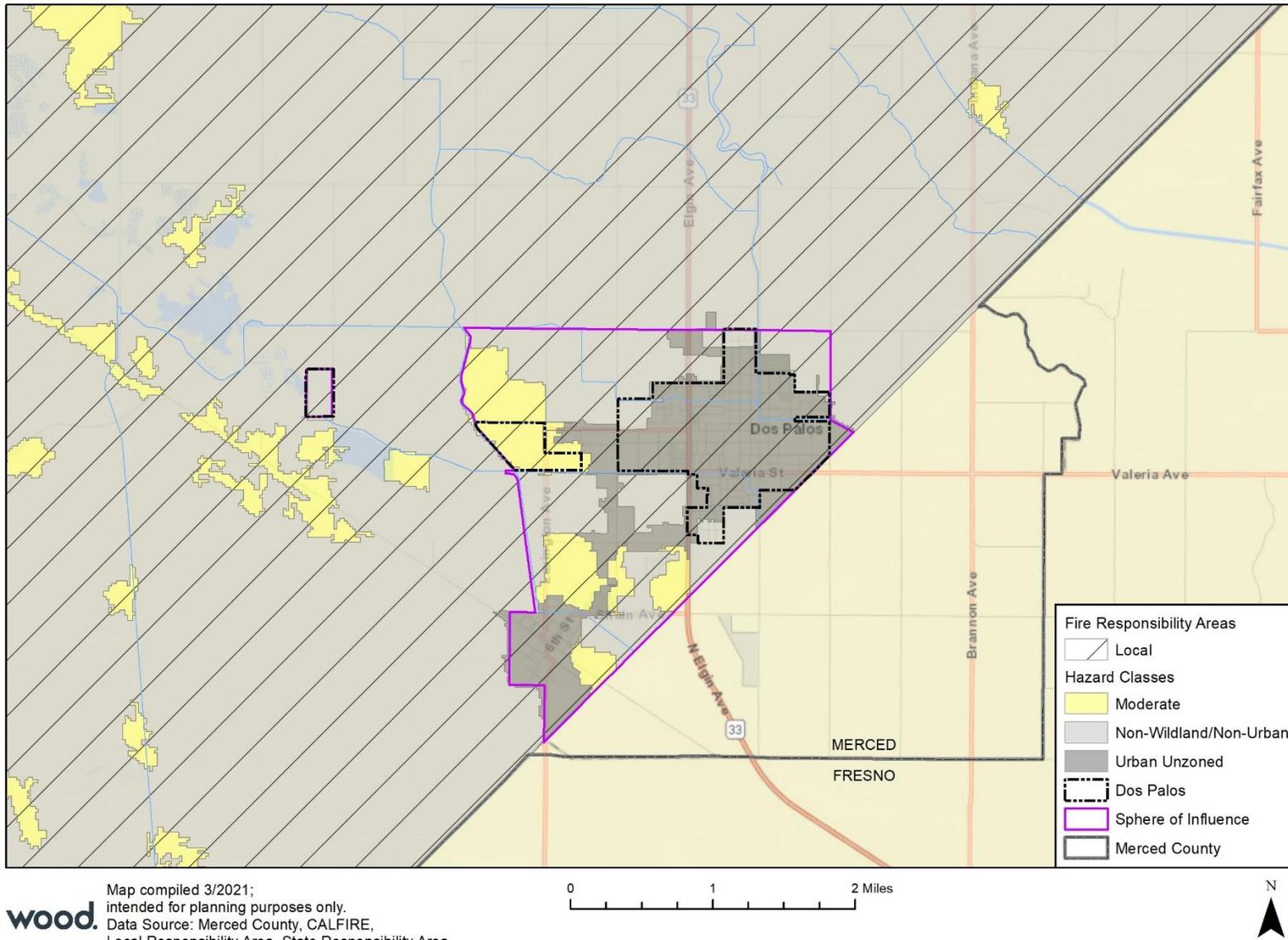


wood. Map compiled 3/2021;
intended for planning purposes only.
Data Source: Merced County, CALFIRE, FRAP

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Figure 2-3 City of Dos Palos Fire Responsibility Areas



3 CAPABILITY ASSESSMENT

Capabilities are the programs and policies currently in use to reduce hazard impacts or that could be used to implement hazard mitigation activities. This capabilities assessment is divided into five sections: regulatory mitigation capabilities, administrative and technical mitigation capabilities, fiscal mitigation capabilities, mitigation outreach and partnerships, and other mitigation efforts. To develop this capability assessment, the jurisdictional planning representatives reviewed a matrix of common mitigation activities to inventory which of these policies or programs and shared information through the Dos Palos Data Collection Guide. The team then supplemented this inventory by reviewing additional existing policies, regulations, plans, and programs to determine if they contribute to reducing hazard-related losses.

During the plan update process, this inventory was reviewed by the jurisdictional planning representatives and Wood consultant team staff to update information where applicable and note ways in which these capabilities have improved or expanded. Additionally, in summarizing current capabilities and identifying gaps, the jurisdictional planning representatives also considered their ability to expand or improve upon existing policies and programs as potential new mitigation strategies. The City of Dos Palos' capabilities are summarized below.

3.1 Regulatory Capability

The regulatory and planning capabilities table lists planning and land management tools typically used by local jurisdictions to implement hazard mitigation activities. The table below indicates those that are in place in the City of Dos Palos.

Table 3-1 City of Dos Palos —Regulatory and Planning Capabilities

Regulatory Tool (ordinances, codes, plans)	Yes/No	Comments
General Plan	Yes	Adopted May 20, 1990
Zoning ordinance	Yes	
Subdivision ordinance	Yes	
Growth management ordinance	Yes	
Floodplain ordinance	Yes	
Other special purpose ordinance (stormwater, steep slope, wildfire)	No	
Building code	Yes	
Fire department ISO rating	Yes	
Erosion or sediment control program	No	
Stormwater management program	Yes	
Site plan review requirements	Yes	
Capital improvements plan	Yes	
Economic development plan	Yes	
Local emergency operations plan	Yes	
Other special plans	No	

Regulatory Tool (ordinances, codes, plans)	Yes/No	Comments
Flood insurance study or other engineering study for streams	Yes	
Elevation certificates (for floodplain development)	No	
Other		

City of Dos Palos General Plan – The City of Dos Palos’s most recent General Plan was adopted May 20, 1991. This General Plan defines the City’s goals, objectives and policies that guide the physical growth, use and development of land under the jurisdictional authority of the City.

The goal of the Safety Element is to protect Dos Palos residents from unreasonable risk and reduce the impacts of natural hazards to the community (Dos Palos 1991). This element focuses on establishing policies and programs to protect the community from risks associated with seismic activity, subsidence, flooding, and fire and hazardous materials incidents. The Safety Element also identifies evacuation routes and peak load water supply requirements.

City of Dos Palos Emergency Plan, 2003 – The Emergency Plan addresses the planned response to emergency situations associated with natural disasters, technological incidents, human caused events and national security emergencies in or affecting the City of Dos Palos. The plan establishes the emergency management organization required to mitigate any significant emergency or disaster affecting the City; identifies the policies, responsibilities, and procedures required to protect the health and safety of communities, public and private property, and the environmental effects of natural, human caused and technological emergencies and disasters; and establishes the operational concepts and policies for disaster response and recovery.

3.2 Administrative and Technical Capability

The table below identifies city personnel with responsibilities for activities related to mitigation and loss prevention in the City of Dos Palos. Many positions are full time and/or filled by the same person. A summary of technical resources follows.

Table 3-2 City of Dos Palos —Personnel Capabilities

Personnel Resources	Yes/No	Department/Position	Comments
Planner/engineer with knowledge of land development/land management practices	Yes	City Engineer	
Engineer/professional trained in construction practices related to buildings and/or infrastructure	Yes	City Engineer	
Planner/engineer/scientist with an understanding of natural hazards	Yes	City Engineer	
Personnel skilled in GIS	Yes	GIS Coordinator	
Full time building official	No	City has a part time building official on staff	
Floodplain manager	Yes		

Personnel Resources	Yes/No	Department/Position	Comments
Emergency manager	No		
Grant writer	Yes	Department Heads	
Other personnel			
GIS Data Resources (Hazard areas, critical facilities, land use, building footprints, etc.)	Yes		
Warning Systems/Services (Reverse 9-11, cable override, outdoor warning signals)	Yes		Everbridge. Merced County Emergency Alert System
Other			

3.3 Fiscal Capability

The following table identifies financial tools or resources that the City could potentially use to help fund mitigation activities. There are currently no specific funding sources for hazard mitigation.

Table 3-3 City of Dos Palos —Available Financial Tools and Resources

Financial Resources	Accessible/ Eligible to Use	Has This Been Used for Mitigation in the Past?	Comments
Community Development Block Grants	Yes	No	
Capital improvements project funding	Yes	No	Council approval needed to establish CIP
Authority to levy taxes for specific purposes	Yes	No	Council/Public approval needed
Fees for water, sewer, gas, or electric services, new development	Yes	No	
Incur debt through general obligation bonds	No	No	
Incur debt through special tax bonds	Yes	No	
Incur debt through private activities	Yes	No	

Financial Resources	Accessible/ Eligible to Use	Has This Been Used for Mitigation in the Past?	Comments
Federal Grant Programs (Hazard Mitigation Grant Program)	No	No	

3.4 Outreach and Partnerships

The Merced County Office of Emergency Services provides education and outreach on Disaster Preparedness for all of the jurisdictions within the County. This education program is in coordination and partnerships with county and the cities' departments with education programs including the Sheriff's Office, Police Departments, Fire Departments, Agricultural Commissioner, and the Department of Public Health.

The City of Dos Palos has an ongoing water conservation program, first established in 2016 during statewide drought conditions, to mitigate the impacts of future drought events. The program sets specific days and times for watering to reduce the frequency of water usage spikes and increase the water available for fire suppression.

3.4.1 Planning Commission

The Planning Commission reviews development proposals for compliance with the General Plan and makes recommendations to the City Council on long range plans and maps for the City and plans for public improvements, plans and development plans for proposed for property within the City, and zoning and rezoning of property within the City. The Commission develops and maintains a long range comprehensive General Plan of the Dos Palos planning area.

3.5 Opportunities for Enhancement

Based on the capabilities assessment, the City of Dos Palos has several existing mechanisms in place that already help to mitigate hazards. There are also opportunities for the city to expand or improve on their policies, programs and fiscal capabilities and further protect the community. Future improvements may include providing training for staff members related to hazards or hazard mitigation grant funding in partnership with the County and Cal OES. Additional training opportunities will help to inform City staff members on how best to integrate hazard information and mitigation projects into their departments. Continuing to train City staff on mitigation and the hazards that pose a risk to the City of Dos Palos will lead to more informed staff members who can better communicate this information to the public. In addition, the LPT noted increasing communication and partnerships with regional entities in inspecting buildings for the need to retrofit to meeting earthquake standards.

4 MITIGATION STRATEGY

4.1 Goals and Objectives

The City of Dos Palos adopts the hazard mitigation goals and objectives developed by the Planning Team and described in Section 5 Mitigation Strategy of the Basin Plan.

4.2 Continued Compliance with the National Flood Insurance Program

The city has been an NFIP participating community since 1978. In addition to the mitigation actions identified herein the City will continue to comply with the NFIP. Floodplain management is under the purview of the Department City Engineer. This includes ongoing activities such as enforcing local floodplain development regulations, including issuing permits for appropriate development in Special Flood Hazard Areas and ensuring that this development mitigated in accordance with the regulations. This will also include periodic reviews of the floodplain ordinance to ensure that it is clear and up to date and reflects new or revised flood hazard mapping.

4.3 Mitigation Actions

The Planning Team for the City identified and prioritized the following mitigation actions based on risk assessments, goals, and objectives. Background information as well as information on how the action will be implemented and administered, such as ideas for implementation, responsible office, partners, potential funding, estimated cost, and timeline also are described.

Table 4-1 City of Dos Palos Mitigation Action Plan

ID	Goal(s) and Lifelines	Hazard(s) Mitigated	Description/Background/ Benefits	Lead Agency and Partners	Cost Estimate and Potential Funding	Priority	Timeline	Status/Implementation Notes
1	1 Communications	Earthquake, Wildfire	Radio upgrade for police department. Replace outdated mobile radios with dual-band radios that have the capability to communicate with the Merced County Sheriff's Office. If approved, radios could be purchased immediately. They are vital for communication during multi-jurisdiction hazardous events. This could potentially save lives. Currently, there is no ability to cross-communicate.	Police Dept. County Sheriff	\$50,000, Grants	Medium	3 -6 Months	New in 2021.
2	1,2,3 Food, Water, Shelter	Drought	Construction of new water treatment plant. Replace existing water treatment plant, which is over 50 years old and cannot keep up with the ever-growing demand for water in the area. Currently in the process of receiving grant money from the State for construction. The new plant will double the amount of water treated from 2-2.5 million gallons per day to approximately 4 million gallons per day and provide resiliency to drought.	Dept. of Utilities South Dos Palos and Midway	\$11 Million Grant funding from the State of California	High	2-3 years	New in 2021.

5 IMPLEMENTATION AND MAINTENANCE

Moving forward, the city will use the mitigation action table in the previous section to track progress on implementation of each project. Implementation of the plan overall is discussed in Section 6 in the Base Plan.

5.1 Incorporation into Existing Planning Mechanisms

The information contained within this plan, including results from the Vulnerability Assessment, and the Mitigation Strategy will be used by the City to help inform updates and the development of local plans, programs and policies. The city will incorporate this LHMP into the Safety Element of their General Plan, as recommended by Assembly Bill (AB) 2140.

As noted in Section 6 of the Base Plan, the LPT representatives from Dos Palos will report on efforts to integrate the hazard mitigation plan into local plans, programs and policies and will report on these efforts at the annual LPT plan review meeting.

5.2 Monitoring, Evaluation and Updating the Plan

The City will follow the procedures to monitor, review, and update this plan in accordance with Merced County as outlined in Section 6 of the Base Plan. The City will continue to involve the public in mitigation, as described in Section 6.2.1 of the Base Plan. The Police Chief or his/her designee will be responsible for representing the city in the County HMPT, and for coordination with City staff and departments during plan updates. The City realizes it is important to review the plan regularly and update it every five years in accordance with the Disaster Mitigation Act Requirements as well as other State of California requirements.