

# APPENDIX 6 –FIRE PROTECTION ORGANIZATIONS

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## 6. FIRE PROTECTION ORGANIZATIONS

### 6.1. FEDERAL, STATE, AND LOCAL FIRE AGENCIES

In Pioneer/Volcano Planning Unit, there are two local fire departments:

- Amador Fire Protection District
- Lockwood Fire Protection District

There are also state or federal fire agencies:

- California Department of Forestry and Fire Protection, Amador Eldorado Unit, (CAL FIRE)
- US Forest Service, Eldorado National Forest

### 6.2. MUTUAL AID

All fire agencies within the county participate in local mutual aid. Local mutual aid means that a fire department can request the services of another fire department based upon predetermined agreements to provide such services. The California State Mutual system exists to provide mutual aid resources from throughout the state for large or multiple-fire scenarios and for other emergencies, such as floods and earthquakes.

CAL FIRE also provides yearlong structure fire protection and medical response through a contract with Amador Fire Protection District. This contract provides one engine and staff at Pine Grove, dispatching services, and two battalion chiefs. These resources respond automatically to all areas of the county including the cities.

Cal Fire and the Amador District operate a joint station at Dew Drop. CAL FIRE and US Forest Service resources are dispatched for the Interagency Dispatch Center located at the CAL FIRE unit headquarters at Camino in El Dorado County. This center dispatches all local fire agencies in Amador County.

CAL FIRE and the Eldorado National Forest respond to wildfires on the closest resource concept regardless of agency responsibilities. This approach provides the best chance of suppression wildfires before they become large or do significant damage. Local government fire agencies are dispatched in the same manner to wildfires.

CAL FIRE provides direct fire protection services to all Bureau of Land Management holdings within the county under a statewide agreement with the Bureau of Land Management.

### 6.3. WILDFIRE PROTECTION RESPONSIBILITIES

The following map shows local response area (LRA) boundaries (as defined by CAL FIRE), State (SRA), and Federal Response Areas (FRA). CAL FIRE is primarily responsible for wildlands in the SRA as well as structure fires that threaten wildlands. The Eldorado National Forest is responsible for wildlands in the FRA (See Plate 14).

### 6.4. LOCAL FIRE AGENCIES

#### 6.4.1 AMADOR FIRE PROTECTION DISTRICT

Amador Fire Protection District (AFPD) provides emergency fire, rescue, and medical aid services to approximately 85% of the unincorporated area of the county. AFPD provides service to Amador Pines, Pioneer, Pine Grove, Volcano, Martell, Drytown, Willow Springs, Fiddletown, River Pines, and the City of Plymouth.

The Amador Fire Protection District provides first-response fire and medical service to approximately 3610 residents and 2478 homes in their 26-square-mile response area in the Planning Unit.

Sixty-five local residents currently volunteer with Amador Fire Protection District as “active” firefighters. Within the Planning Unit, there are three paid personnel. The Amador Fire Protection District has identified a need for more volunteers. The District is funded primarily through a parcel fee and sales tax, totaling approximately \$2,000,000 annually. The District has three fire stations located in or near the Pioneer/Volcano Planning Unit as shown in the following table.

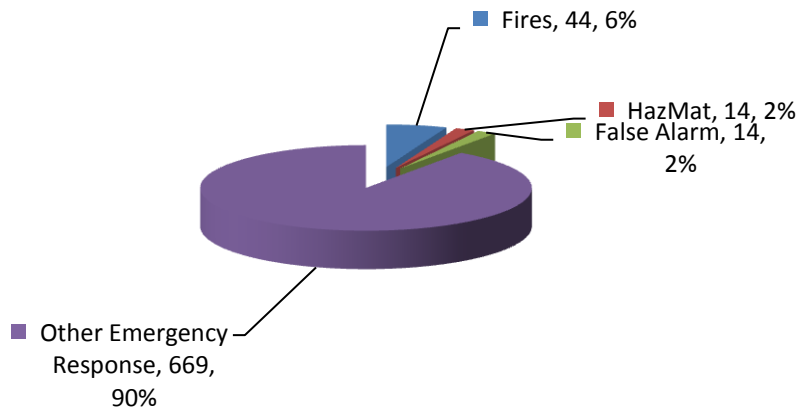
The following table shows the extent of equipment resources currently available to Amador fire Protection District. These do not represent all resources available from the District or other departments. It represents what is available for first response.

Figure 1. Amador Fire Protection District Stations and Equipment Resources<sup>1</sup>

Amador Fire Protection District Resources			
Station Location	Contact Title	Phone	
Mace Meadows on Meadow Drive across from Mace Meadow Golf Course	Chief AFPDHDDQ@co.amador.ca.us	(209)-223-6391	
Pine Grove at Irishtown Road and Highway 88			
Van De Hei Road and Highway 88			
Mace Meadow (Station 111) Resources			
Structure Engine	Wildland Engine	Water Tenders	Miscellaneous
None	One ICS <sup>2</sup> Type 2		One Squad
Pine Grove (Station 114) Resources			
Structure Engine	Wildland Engine	Water Tenders	Miscellaneous
One ICS Type 1	One ICS Type 3, one ICS Type 4 engine		One Squads
Van de Hei (Station 112) Resources			
Structure Engine	Wildland Engine	Water Tenders	Miscellaneous
None	One ICS Type 3, One ICS Type 4		Two squads

The amount of time it takes first responders to arrive at a scene usually has a big impact on their ability to save a structure from fire or a person with a medical emergency. Within the Pioneer/Volcano planning Unit, AFD can respond to incidents in the entire area within fifteen minutes. In 2010, AFD battalion 10 responded to 721 incidents. The following chart summarizes the type and frequency of incidents.

Figure 2. Amador Fire Protection District Number of Incidents by Type of Incident



In addition to providing service within the Pioneer/Volcano Planning Unit, Amador Fire Protection District personnel and equipment will respond outside their boundaries to incidents where they have mutual aid agreements with other local departments, as well as to request from the wildland fire agencies.

Constructing a new fire station with living quarters in Pine Grove has been identified as a priority need for Amador Fire Protection District.

**6.4.2. LOCKWOOD FIRE PROTECTION DISTRICT**

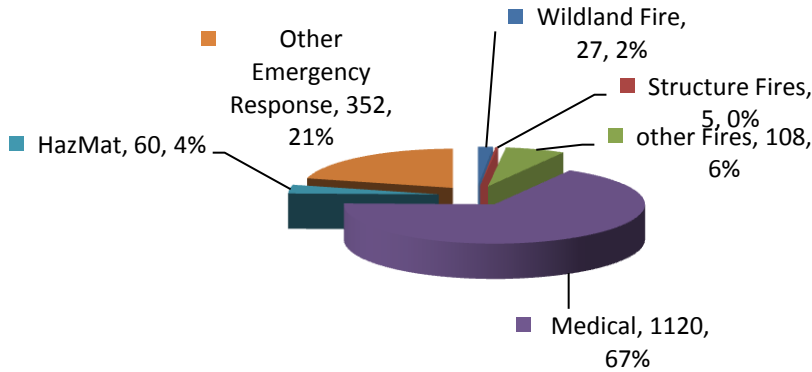
Lockwood Fire Protection District (LAFPD) provides emergency fire, rescue, and medical aid services to approximately 1703 residents and 1000 homes unincorporated area of the county.

Sixteen local residents currently volunteer with Lockwood Fire Protection District as “active” firefighters. Lockwood has no paid personnel. The District has identified a need for more volunteers. The District is funded primarily through a parcel fee and sales tax totaling approximately \$110,000 annually. The District has two fire stations located in or near the Pioneer/Volcano Planning Unit as shown in the following table.

The following table shows the extent of equipment resources currently available to Lockwood Fire Protection District in or near the Planning Unit. These represent all resources available in the District for first response.

Figure 3. Lockwood Fire Protection District Stations and Equipment Resources<sup>3</sup>

Lockwood Protection District Resources			
Station Location	Contact Title , email		Phone
Shake Ridge Road (Station 151)	Chief Dave Long sunmtroofing@aol.com		209-296-6445
Shake Ridge Road and Hale Road (Station 152)			
Shake Ridge Station 151 Resources			
Structure Engine	Wildland Engine	Water Tenders	Miscellaneous
One ICS Type 1 Engine	Two ICS Type 3	One Water Tender	One Squad, One Utility
Shake Ridge and Hale Road (Station 152) Resources			
Structure Engine	Wildland Engine	Water Tenders	Miscellaneous
None	One ICS Type 3	One Water Tender	One Squad



In addition to providing service within the Pioneer/Volcano Planning Unit, Lockwood Fire Protection District personnel and equipment will respond outside their boundaries to incidents where they have mutual aid agreements with other local departments, as well as to request from the wildland fire agencies.

Lockwood Fire Protection District has identified the following priority needs.

1. Replace (or expand and remodel) station 151 with new structure complete with meeting/training room and living quarters. Adequate living quarters are required before Lockwood can take advantage of paid staffing available from Measure M (local sales tax for fire protection)
2. Replacement of water tender at station 152
3. More volunteers or addition of paid personnel (see item 1)

## 6.5 CALIFORNIA DEPARTMENT OF FORESTRY AND FIRE PROTECTION (CAL FIRE)

The California Department of Forestry and Fire Protection (CAL FIRE) provides wildland fire protection for private, industrial, county, state, and municipal forestlands. CAL FIRE provides wildland fire protection to approximately 320,000 residents in its 1618 square-mile service area in Amador, Sacramento, San Joaquin, and Eldorado counties.

All CAL FIRE staff is paid. CAL FIRE's Mt Zion Battalion (Battalion 13), which encompasses the entire planning unit, has 31 staff members including 4 Fire Captains, 4 Fire Apparatus Engineers, 21 firefighters, one relief Battalion Chief, and one Battalion Chief. CAL FIRE is funded through the state. These staffing levels provide a four person staff on all engines and at least one Battalion chief every day during the fire season. CAL FIRE's Amador Eldorado Unit headquarters is in

Camino. There are two fire stations located within or near the Pioneer/Volcano Planning Unit, as shown in the following table.

The following table shows the extent of equipment resources currently available to CAL FIRE.

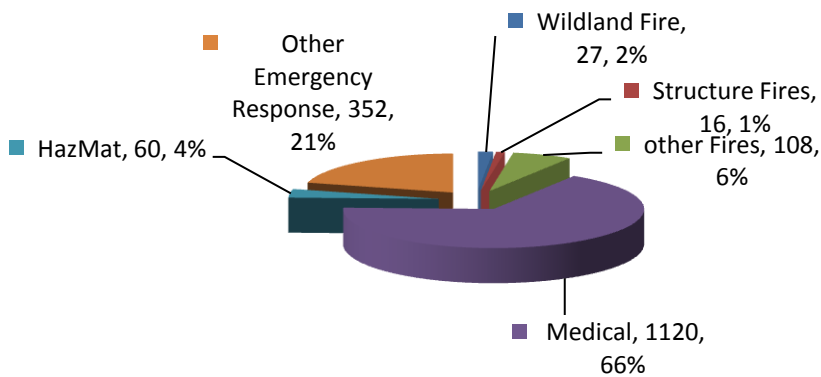
Figure 4. CAL FIRE Stations and Equipment Resources

Amador Eldorado Unit, Battalion 13 Resources			
Station Location		Contact Title	Phone
Dew Drop Station on Highway 88 east of the intersection of Highway 88 and Shake Ridge Road		Duty Captain or Engineer	209-295-7735
Pine Grove Station next to CALTRANS in Pine Grove		Duty Captain or Engineer	209-2964435
Pine Grove Conservation Camp		Division Chief	209-296-7591
Dew Drop Station			
Structure Engine		Wildland Engine	Dozers
Miscellaneous			
Pine Grove Station Resources			
Structure Engine	Wildland Engine	Dozers	Miscellaneous
None	Two ICS Type 3	None	None
Structure Engine	Wildland Engine	Dozers	Miscellaneous
		Four 13 person hand crews	

In terms of response times, within the Pioneer/Volcano Planning Unit, CAL FIRE can respond to approximately 100% of its service area within fifteen minutes. Seventy percent of CAL FIRE's service area can be reached within ten minutes, 50% within five minutes, and 20% of their service area is within a three-minute response from one of the CAL FIRE stations or engines. This means that none of CAL FIRE's service area is located more than fifteen minutes away.

At times, CAL FIRE does respond to more than just wildland fires. This is primarily when a structural fire threatens wildlands, and usually during fire season. The following table summarizes the type and frequency of incidents responded to by CAL FIRE in 2010. These numbers indicate the response statistics for Battalion 13.

Figure 5. CAL FIRE Number of Incidents by Type of Incident



In addition to providing service within Pioneer/Volcano planning area, CAL FIRE responds outside the area to incidents all over the state. CAL FIRE has mutual aid agreements with all fire agencies within Amador County. They have a contract with Amador County to provide structure protection and emergency medical services.

## 6.6. FEDERAL FIRE AGENCIES

### 6.6.1. ELDORADO NATIONAL FOREST (USFS)

National Forest lands within the Pioneer/Volcano Planning Unit are protected by the California Department of Forestry and Fire Protection (CAL FIRE). CAL FIRE and the United States Forest Service have a long-standing agreement to provide protection to each other's responsibility areas when doing so make economical sense. This agreement covers the entire state of California where lands protected by CAL FIRE and the national forests meet. The Amador District of the Eldorado NF has staffed engines at two locations, all paid through federal government funding. The following table shows the extent of equipment resources currently available to the local USFS that are in or near the Planning Unit.



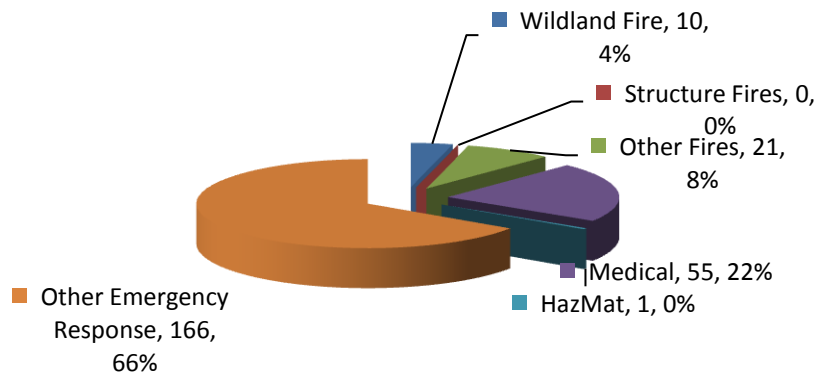
Figure 6. Amador District, Eldorado NF USFS Stations, and Equipment Resources

Eldorado NF Resources			
Station Location	Contact Title	Phone	
Dew Drop Station on Highway 88 east of the intersection of Highway 88 and Shake Ridge Road	Duty Captain	209-295-5971	
Lumberyard	Duty Captain	209-295-5973	
Dew Drop Station			
Structure Engine	Wildland Engine	Dozers	Miscellaneous
None	One ICS <sup>5</sup> Type 3	none	none
Lumberyard			
Structure Engine	Wildland Engine	Dozers	Miscellaneous
none	One ICS <sup>6</sup> Type 3	none	none

In terms of response times within Planning Unit, all lands within the Planning Unit including national forest lands are with the State Responsibility Area (SRA). However, the Eldorado NF engine at Dew Drop can reach 50 % of the Planning Unit within 15 minutes.

At times, the Amador District of the Eldorado NF does respond to more than just wildland fires. For instance, they will respond to vehicle fires because such incidents have the potential to become wildland fires, and these vehicle fires often require medical response. The following table summarizes the type and frequency of incidents responded to by Amador District, Eldorado NF in 2010.

Figure 7. Amador District, Eldorado National Forest USFS Number of Incidents by Type of Incident



The Eldorado NF has mutual aid agreements with other federal agencies, CAL FIRE, and Local fire departments (agreements, not true mutual aid). The Eldorado NF also

is signatory to the statewide OES "California Fire Assistance Agreement" which has access to all resources that are in the "California Fire Service and Rescue Emergency Mutual Aid System."

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<sup>1</sup> This table is adopted from: Texas Forest Service, Texas A&M University, *A Guideline for Developing Community Wildfire Protection Plans*, [tfsfrp.tamu.edu/training/cwpp/assets/pdf/CWPPTemplate.pdf](https://tfsfrp.tamu.edu/training/cwpp/assets/pdf/CWPPTemplate.pdf).

<sup>2</sup> ICS Types are based on the fire fighting capacity of the apparatus.

<sup>3</sup> This table is adopted from: Texas Forest Service, Texas A&M University, *A Guideline for Developing Community Wildfire Protection Plans*, [tfsfrp.tamu.edu/training/cwpp/assets/pdf/CWPPTemplate.pdf](https://tfsfrp.tamu.edu/training/cwpp/assets/pdf/CWPPTemplate.pdf).

<sup>4</sup> ICS Types are based on the fire fighting capacity of the apparatus.

<sup>5</sup> ICS Types are based on the fire fighting capacity of the apparatus.

<sup>6</sup> ICS Types are based on the fire fighting capacity of the apparatus.