

FINAL DRAFT

18

2018 report to the community





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Mission Statement:
Committed to excellence,
service, and the protection
of life and property in
our community.

**To Report an
Emergency**





Our agency serves Washoe County citizens with 205 dedicated men and women who serve as professional and volunteer firefighters. We maintain constant readiness all times of the year and respond to many types of emergencies, not just fires. Our career staff are highly trained and certified in paramedicine, wildland and structural firefighting, hazardous materials and technical rescues.

Preventing fires is equally as important and we thank everyone who takes an active role in creating a safer community.

The pages that follow highlight our operation and services and I especially want to take a moment to say thank you for supporting our District and Staff.

- Chief Moore

Hello from the Chief,

On behalf of the Board of Fire Commissioners and the men and women of Truckee Meadows Fire Protection District, I am pleased to offer this Report to the Community and tell you about the exceptional work and commitment of our Fire District in its service to you, our citizens.

Since July 2012, the District has completed many new improvements. To mention a few, we have hired paramedic firefighters, implemented Paramedic EMS services at every career fire station, improved our equipment and revitalized our fleet of emergency vehicles so that we are able to offer you a reliable and professional emergency response.

We have added new stations and replaced aging equipment without accumulating debt. Our stations have been staffed 24/7 without exception.

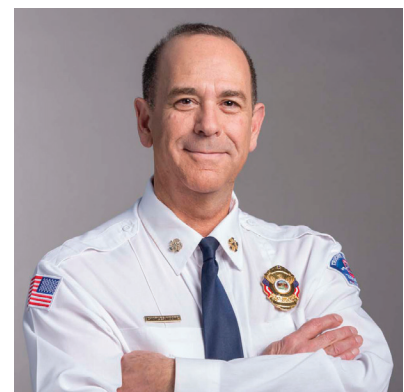
Effective fire services cannot exist without community partnerships. Defensible space is a key factor in structure survivability during a wildfire. Last year, the District launched a pilot program to collect and dispose of green waste so that pile burning could be minimized and to make it easier for you to create defensible space around your homes. An estimated 1,000 tons of green waste was collected, which was then reduced in volume through chipping and mastication and transported to composting facilities where it was turned back

into soil. We are proud of our homeowners who partnered with us to reduce risk.

We place a high commitment to financial stewardship of the monetary resources you provide us. Our area is growing rapidly and active engagement with the firefighters of IAFF Local 2487 helps plan for the future and to make wise expenditures of the financial resources you provide us.

As your Fire Chief, I enjoy hearing from you and look forward to enhancing your services going forward.

Charles A. Moore
Fire Chief



Chief Moore



Board of Fire Commissioners:

Top, left to right: Marsha Berkgigler, Chair, Kitty Jung, Vice Chair

Bottom, left to right: Commissioner Bob Lucey, Commissioner Vaughn Hartung, Commissioner Jeanne Herman



A Safe Haven

Safe Haven, also known as Protection of Children from Abuse and Neglect, is a Nevada law that allows a parent to safely surrender their baby if they can no longer care for him/her. As long as the baby is younger than 30 days old and has not been abused, the parent may surrender him or her without arrest or prosecution.

The purpose of the Safe Haven law is to protect babies from being injured or otherwise harmed due to unsafe and illegal abandonment by providing distressed parents a safe, anonymous option for surrender of their newborn baby.

A distressed parent who is unable to care for their baby can safely, legally, and anonymously forfeit custody. The only requirements are that the infant is younger than 30 days old, shows no signs of abuse, and is taken by the parent to a Safe Haven provider. Safe Haven providers include hospitals, law enforcement agencies, fire stations, and emergency medical services (EMS). Once the parent surrenders the infant, the parent is free to leave.

All Truckee Meadows Fire Protection Fire Stations are a Safe Haven location.

**For confidential information 24-hours a day call
1-800-992-5757 (Answered by the Crisis Call Center of Nevada)**

Service Highlights:

Special Teams/Special Events/Special Recognition

Emergency Medical Response: Nearly 70% of all emergency responses are for medical emergencies. Whether calls are trauma related or acute medical illnesses, TMFPD is ready to respond. Every career fire station is staffed at the Advanced Life Support - paramedic level.

Truckee Meadows Fire Protection District responds to medical emergencies as part of a “two-tiered” response model. Under this model, a paramedic staffed TMFPD fire engine responds to all high priority calls for service concurrently with the Regional Emergency Medical Service Authority (REMSA) transport ambulance. For the reason that some parts of the TM service area are remote from the urban core, an Advanced Life Support (ALS) fire engine is able to rapidly respond and provide paramedic level care to a patient and stabilize the patient prior to ambulance arrival. Initiation of rapid ALS treatment and stabilization of the condition or injury provides the highest level of service to the community, while creating a more unified transfer of care between TMFPD and REMSA paramedics. TMFPD and REMSA work closely on development of protocols, response and planning. When emergencies result in either multiple or very critical patients, TM can provide additional assistance in the ambulance transport.

HazMat: TMFPD contributes 24 members the Regional Hazardous Materials Response Team, known as TRIAD. TRIAD is a collaboration with the cities of Reno and Sparks with staff trained in responding to hazardous material spills, leaks, releases and other incidents.

WET: The District also has a swiftwater rescue team (W.E.T.- Water Entry Team) who are specifically trained for operations in fast moving water (primarily the Truckee River). That team utilizes inflatable rafts, kayaks, and Carlson Boards (similar to boogie boards) to access people in the river. These firefighters must pass a stringent swim test each year and train year round to safely operate around all of the hazards within the swiftwater environment. In June of 2018, firefighters rescued 5 victims of a capsized boat approximately in Washoe Lake approximately ½ mile from shore.

Fire Prevention: A major initiative of the District is to assist homeowners in creating defensible space by removing dry, dead and excess vegetation from around their homes. The disposal of harvested green waste is difficult due to sheer volume. The District sponsors green waste recycling days where citizens may dispose of the vegetative waste at no charge. Firefighters then masticate and chip the material to reduce its volume. The chipped material is offered to the public free of charge and the excess wood is taken to a composting facility where it is turned into soil.

The program has several goals:

1. Minimize hazards associated with pile burning.
2. Reduce air pollution by creating alternatives to burning.
3. Reduce the cost of disposal to homeowners. The District accepts green waste on specific days for free.

The District is planning more “green waste” disposal days for the fall of 2018 and is planning to expand the program in the future.





Year in Review, statistics:

2017 was a significant year for wildfires and acres burned with nearly two times the number of fires and more than four times the amount of acreage burned from the previous year. This is likely attributable to a wet winter that caused robust growth of fuels, particularly fine fuels such as cheat grass. The 2017 wildfire season began the second week of June and continued through December. In the first week of July alone, there were 23 fires and 140,000 acres burned. In 2017, a total of 360,000 acres burned in Washoe County. One structure was lost even though hundreds were threatened during the course of the dry season.

The number of structure fires in the last 5 years has remained relatively constant. The number of structure fires was roughly $\frac{1}{2}$ of 1% of all calls in each of the last 5 years.

Truckee Meadows experienced 16 severe to extreme Atmospheric Rivers beginning in January 2017. This weather pattern brings large amounts of water leading to flooding, and creates a fuel-heavy wildland urban interface (WUI) region throughout the district. The year also yielded record levels of water in lakes, rivers and waterways. In order to best respond TMFPD stocked life vests along the Truckee River, hosted a Summer Safety event with the Water Entry Team (WET) and the Washoe County Sheriff's Office (WCSO) while also increasing the number of WET rescue technicians on staff and staged them strategically by shift/station to cover areas with water risk. TMFPD also staged a new rescue boat at Washoe Lake.



Stats at a glance:

Incident Type	2013	2014	2015	2016	2017
Good Intent	1337	1126	1158	1464	1884
EMS	5100	5606	6208	6715	7134
Pub Assistance	425	453	558	484	589
Fire	300	236	237	311	401
Rupture/Explosion	15	14	9	8	4
False	319	321	310	337	297
HazMat	146	152	181	179	200
Other	10	5	5	3	2
Weather	5	20	17	3	70
Grand Total	7657	7933	8683	9504	10581

Incident numbers: 10,581 incidents in 2017: 401 fires and 7,134 EMS
Increase from 2013 to 2018 38%

Good intent calls are reports believed to be an emergency, but no emergency was found on arrival.

EMS responses include high priority medical events and car accidents.

Public Assistance calls are citizens needing help, but are not life-threatening in nature.

Rupture/Explosions are often related to electrical power or natural gas utility problems

False Calls include responses to automatic fire alarms that sound from faults or when smoke is detected, but no fire exists.

Hazardous Materials include containment of spills and releases of flammable or toxic gases or substances.

Other: These calls are miscellaneous in nature.

Weather calls are threats to property such as natural disasters and incidents related to flooding and wind.

Acres Burned:

TMFPD Jurisdiction	2013	2014	2015	2016	2017
Structure Fires	59	47	36	49	54
Wildland Fires	69	60	70	69	120
Acres Burned	23	101	307	1628	39,531

5,828 overall washoe county in 2013

17,228 overall washoe county in 2014

659 overall washoe county in 2015

78,609 overall washoe county in 2016

357,089 overall washoe county in 2017

10,581 incidents in 2017: 401 fires and 7,134 EMS



More stats at a glance:

140 career employees | 75 volunteers

11 career stations staffed 24/7 | 8 volunteer stations

8 active reserve firefighters.

More Information:

New Station

The District completed construction of its newest fire station at 470 Foothill Road. The station replaces the station near the Damonte Wal-Mart. The old station was dilapidated and the truck bays flooded in most rainstorms. The new state of the art station will house more equipment and was designed for an additional crew in the future.

The station is approximately 10,000 square feet and features landscape that characterizes defensible space concepts.

The new station became operational June 2018.



Volunteers

The District uses volunteer firefighters as a force multiplier and supplement to the overall response. This is particularly helpful during periods of peak demand such as lightning storms that can touch of multiple fires or incidents that have an extended operational period. Volunteer firefighting requires a commitment to training and to staffing during peak demands. The work is very rewarding and many current career staff got their start as volunteer firefighters.

There are also opportunities for service as a volunteer that don't require actual firefighting duties. The District seeks volunteers to assist with certain fire prevention efforts including the green waste program and many other logistical needs. The duties and amount of commitment are variable. If you are interested, please contact volunteerprogramlead@tmfpd.us



Mutual and Automatic Aid

Truckee Meadows Fire Protection District and the City of Sparks Fire Department have instituted new dispatch protocols that ensure the closest fire truck responds to emergencies regardless of jurisdiction. The two agencies have enhanced their mutual and automatic aid relationships and are working on refining dispatch technology that will assist dispatchers through GPS communication to the individual emergency vehicle that will make this effort even more precise in the future.

Mutual aid agreements exist with all other local, State and Federal response agencies in northern Nevada and the mutual aid system provides additional resources for large incidents.



Fire Prevention:

TMFPD is an active community partner for engagement and education in ways to mitigate fire hazards. Programs like Defensible Space Assessments, Green Waste events, Christmas Tree recycling, and the Ash Can program are programs that accompany the ongoing review of commercial license inspections and fire plan reviews in meeting the overall mission of the district.

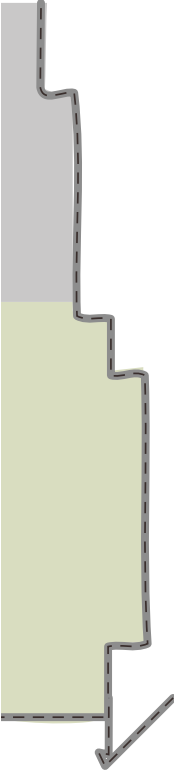
- **Defensible Space Assessment Pilot Project:** Volunteer firefighters assessed properties for fire hazards--everything from defensible space to the types of vegetation growing and its proximity to any structures on the property to identifying water sources in the event a fire was approaching.
- **Green Waste:** over 750 tons of green waste was collected. This waste will be recycled into compost by green recyclers.
- **Christmas Tree Recycling:** Over 10,000 trees were collected through the program and out of those 1,582 were collected at TMFPD stations.





District Map:



Service area and stations



The jurisdiction of Truckee Meadows Fire Protection District is approximately 1000 square miles. The District also provides service north into unincorporated Washoe County and provides oversight of County volunteer stations. Costs of that response are paid by the County.

Truckee Meadows is a large and geographically dispersed service area, and therefore it is critical to maintain staffing of our stations at all times. The District has kept its stations open 100% of the time, since July 1, 2012 when service contract with the City of Reno was negated.

Career:

- 
- 
- Station 13 - Stead
10575 Silver Lake Blvd., Stead
 - Station 14 - Damonte Ranch
12300 Old Virginia Rd., Reno
 - Station 15 - Sun Valley
110 Quartz Lane, Sun Valley
 - Station 16 - East Washoe Valley
1240 East Lake Blvd., Washoe Valley
 - Station 17 - Spanish Springs
500 Rockwell Blvd., Spanish Springs
 - Station 18 - Cold Springs
3680 Diamond Peak Dr., Reno, NV
 - Station 30 - West Washoe Valley
3905 Old Hwy 395, Washoe Valley
 - Station 35 - Mogul
10201 W 4th St, Mogul
 - Station 36 - Arrowcreek
13500 Thomas Creek Rd., Reno
 - Station 37 - Hidden Valley
3255 Hidden Valley Dr., Reno
 - Station 39 - Galena Forest
4000 Joy Lake Rd., Reno



Additional Stations

Volunteer: TMFPD Active Volunteer Stations include:

- Station #221 Silver Lake 11525 Red Rock Rd. Reno
- Station #223 Lemmon Valley 130 Nectar St. Reno
- Station #229 Palomino Valley Auxiliary 6015 Ironwood Rd. Reno
- Station #351 Verdi 165 Bridge Street Verdi
- Station #227 and #301 South Valleys (227) 3010 Lakeshore Blvd. Reno and (301) 345 Bellevue Rd. Washoe Valley *(Note - these two stations are not owned by the District however we support the volunteers and pay for all the costs of the stations)*

North of Township 22 *(Washoe County Fire Services)*

- Station #240 Red Rock 16180 Red Rock Rd. Reno
- Station #242 420 Cottonwood Dr. Gerlach

Other Stations:

- Station #220 3405 White Lake Parkway - Cold Springs
(Rented by Bureau of Land Management which houses a seasonal wildfire crew)
- Wadsworth #225 400 Stampmill Wadsworth
(Services provided by Pyramid Lake Emergency Services)
- Peavine #331 11005 Longview Lane Reno
(being used by Logistics for storage of apparatus)
- Mt. Rose #382 16133 Mt. Rose Hwy Reno
(being used by Logistics for storage of apparatus)

Truckee Meadows Fire Protection District Fiscal Information Summary

Governmental Funds, excluding Capital Projects Fund				
	FY15/16 Actual	FY16/17 Actual	FY17/18 Projected	FY18/19 Budgeted
Revenues				
Taxes	16,410,519	17,026,920	17,616,733	18,806,766
License and Permits	30,533	125,208	36,198	31,000
Intergovernmental	8,984,851	9,603,184	9,672,467	10,169,144
Charges for services	11,102	11,280	11,545	30,000
Miscellaneous	1,444,687	1,236,650	1,656,476	846,358
Total Revenues	26,881,692	28,003,242	28,993,419	29,883,268
Expenditures				
Salaries	12,314,326	13,281,474	15,654,651	17,175,622
Employee Benefits	6,245,886	6,520,319	7,067,229	8,819,174
Service and Supplies	4,008,764	4,323,551	5,276,742	6,634,682
Capital Outlay	71,921	35,970	-	-
Total Expenditures	22,640,897	24,161,314	27,998,622	32,629,478
Revenues over Expenditures	4,240,795	3,841,928	994,797	(2,746,210)
Capital Projects Fund Summary				
	FY15/16 Actual	FY16/17 Actual	FY17/18 Projected	FY18/19 Budgeted
Revenues	151,702	93,361	1,006,965	10,000
Expenditures				
Service & Supplies	526,455	751,743	1,662,048	1,003,000
Capital Outlay	1,545,336	2,378,677	9,057,723	3,547,000
Total Expenditures	2,071,791	3,130,420	10,719,771	4,550,000



Future Planning

In addition to standing ready to respond to the day-to-day emergencies, TMFPD also looks to the future health of the organization. Priorities going forward include working with citizens through Defensible Space education, hiring more firefighters and expanding equipment and fleet resources in order to meet the growth and demand especially as Industrial development continues in East Truckee Canyon.

New Station #14 located at the corner of Foothill and Broken Hill Rd broke ground in July and is now operational. The former station was located at 12300 Old Virginia Road, in a location that frequently floods. In determining a location for the new station, it made sense for crews to be strategically located to respond to properties in TMFPD jurisdiction.

TMFPD is committed to building strong relationships with our regional partners. We maintain excellent collaborations with federal, state and local agencies. The Sierra Front Interagency Center dispatches resources like aircraft and hand crews expediently. Those collaborations are particularly valuable given the nature of wildland fires in the Wildland Urban Interface (WUI). With 2017 a banner year for wildfire, burning nearly 360,000 acres, that support was crucial for TMFPD's mission of protecting life and property.





Improvement to Services

Advanced Life Support is now in all stations. This vital resource can make the difference between life and death. TMFPD assisted with drafting and implementing regional EMS protocols and completed the following improvements:

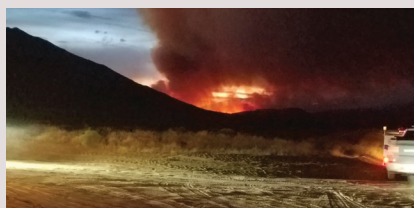
EMS Upgrades:

- **Lucas CPR devices on every engine.** TMFPD became the first fire department in Washoe County to equip every fire engine with automatic chest compression devices and brand new cardiac monitors. New cardiac monitors provide cardiac arrest patients with the greatest chance for survival by ensuring minimal interruption in chest compressions, and the most efficient scene operations possible.
- **McGrath airway devices on every engine.**
- **Implemented ePCR software program.**
- **Cyanokits on every engine.** A Cyanokit is an antidote to cyanide poisoning that can be administered at the scene and is largely successful in reversing the deadly effects of the poison associated with smoke inhalation from structure fires.

Training:

- **TECC (Tactical Emergency Casualty Care) Training.** The course, offered as a collaboration with TMCC, provides employees with the skill-set needed to effectively respond to active shooter or mass casualty type incidents while working in one cohesive unit with law enforcement. TMFPD engines have all been equipped with rapid trauma kits that can be utilized during these events. TMFPD is constantly looking to expand response capability within Washoe County and to regional mutual aid partners.
- **Hosted EP level Advanced Cardiac Life Support (ACLS) and Pediatric Advanced Life Support (PALS) courses**

Emergency Preparedness: Weather and fire related emergencies can happen anytime, Be Prepared, Make a Plan and Assemble a Kit. Additionally, citizens can register for reverse telephone notification called Code Red. To sign up, go to this link <https://www.washoecounty.us/em/RegionalAlerts.php> and follow the instructions. Follow TMFPD on social media for the latest information: Twitter handle: @TMFPD





Washoe County | 1001 E. Ninth Street | Reno, NV 89512 | Phone: 311 or 775.328.2003



2018 report to the community designed by Maren Rush Creative Design - marenrushdesigns.com