



**LARKSPUR FIRE PROTECTION DISTRICT
2018 ANNUAL REPORT**

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MISSION STATEMENT

Dedicated to our community through quality services, compassion, and excellence

VISION

To always be a cohesive team that is:

- Dedicated to compassion, quality services, and excellence
- Worthy of the trust and respect of our community and professional colleagues
- Committed to fostering a healthy, pleasant, safe, and cooperative work environment
- Devoted to innovation and progressive improvement
- Fully prepared for all emergencies
- Consistent and effectively communicating with our community
- Responsible in its approach to fiscal awareness

To be a leader in emergency services through:

- Open and effective communications
- Ensuring the fiscal responsibility of the District
- Being recognized as a community leader
- Being a community resource for public safety education
- Equitable and fair policies, practices, and programs
- Fostering paid staff and volunteer staff to help them be the best they can be
- Anticipating and positively influencing change

To be an organization that:

- Strives for excellence in service to our community
- Strives to provide a fair and balanced environment for citizens, paid staff, and volunteer staff
- Promotes consistently excellent service

VALUES

Teamwork	Valor	Loyalty
Trust	Compassion	Fairness
Confidence	Excellence	Professionalism

MESSAGE FROM THE BOARD CHAIR

I am pleased to present the 2018 Annual Report which summarizes one year among many that has encompassed our mission statement, “Dedicated to our community through quality services, compassion, and excellence.”

As a member of the Board of Directors I take great pride in supporting my community and fire district through ensuring responsible and efficient stewardship of taxpayer funds. The majority of the LFPD’s revenue is received from property taxes levied on residents of the District. Property tax revenue is supplemented by transport revenue and awards from several grant programs the District applies for on a regular basis. The combination of these revenues provide the means for equipment purchases and maintenance, salaries and benefits, personnel training, fixed facilities maintenance and utilities, and other associated costs necessary for our Firefighters, Emergency Medical Technicians and Paramedics to provide you with the highest level of service possible.

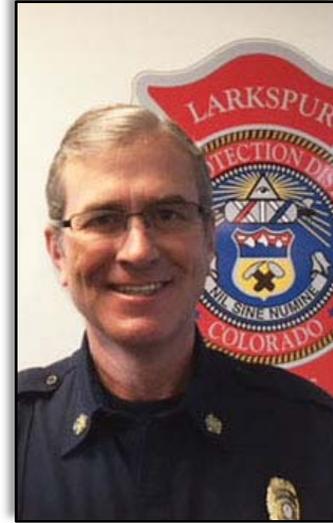


*Peggy Whalen
Board Chair*

In closing, I would like to thank the community for the support we had with our election results in November approving the adjusting mill levy to counteract the effects of the Gallagher and TABOR amendments. If you have any questions, please do not hesitate to contact me. Additionally, please feel free to attend the monthly Board of Directors meeting which is held on the second Thursday of each month, at 7:00 p.m. at Station 161, 9414 Spruce Mountain Road.

MESSAGE FROM THE CHIEF

On any given day, the men and women of our agency, whether paid employees or volunteers, are prepared and capable of responding to a variety of incidents ranging from wildland fires to structure fires, vehicle fires, traumatic to non-traumatic medical emergencies, motor vehicle accidents, natural gas leaks to electrical emergencies, and medical alarms to fire alarms. Please keep in mind that this list is not all inclusive, but it does comprise the bulk of the call types we respond to. Regardless of the type of emergency, our crews consistently respond efficiently and are able to effectively mitigate most hazards to life and property without the assistance of our mutual-aid partners. Of course, this level of performance is rightfully expected and deserved by the taxpayers that fund their local fire agency.



*Stuart Mills
Fire Chief*

On behalf of the Larkspur Fire Protection District (LFPD) I would like to thank the citizens of our district for their support in stabilizing the future funding of LFPD by supporting Ballot Issue 6B in the November 2018 general election. I would especially like to thank the residents of the District who volunteered their time by participating in the issues committee; without their investigation into the need pertaining to the issue and their dedication in support of 6B, LFPD would be facing unnecessary financial difficulties in the future. The approval of this issue effectively counteracted the negative synergistic effects of the Gallagher and TABOR amendments on a local level. By mitigating the effects of these two amendments LFPD will be financially more capable of maintaining our current level of service in future years.



*Ed Chambers
Issues Committee Treasurer
2018 Community Member Service Award*

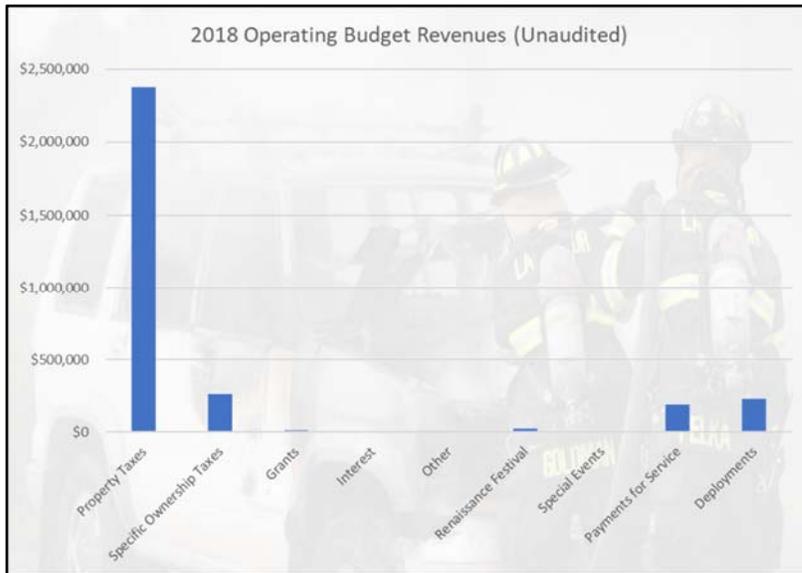


*Ed Hegwood
Issues Committee Chair
2018 Community Member Service Award*

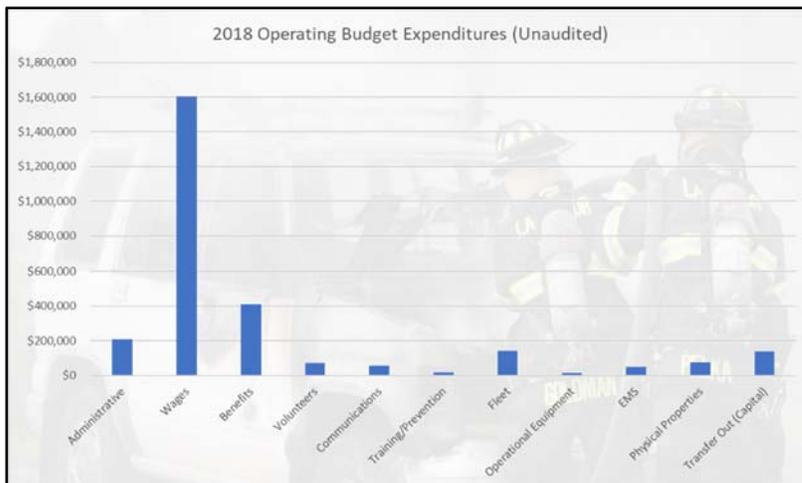
FINANCIALS

The annual budget is prepared by the Fire Chief with the assistance of the District’s accountant, Administrative Assistant, Fire Marshal, Training Lieutenant, and Shift Captains. The annual budget is finalized each December by the District’s Board of Directors. Frances Esty, the District’s accountant, is delegated the responsibility of preparing monthly financial statements, reconciliation of bank accounts, tracking of expenses, and management of cash and debt. She is also delegated the responsibility of preparing the annual financial report and, along with all members of the Administrative/Command staff, of gathering required financial audit information. To certify appropriate fiscal responsibility, the District’s annual financial activities are independently audited by Schilling & Company, Inc. Larkspur Fire Protection District audits and annual budgets are available upon direct request of the District or at:

https://dola.colorado.gov/dlg_portal/filings.jsf?id=18097&category=1&jfwid=0465cf217e5169d-f95f98fc66589%3A0

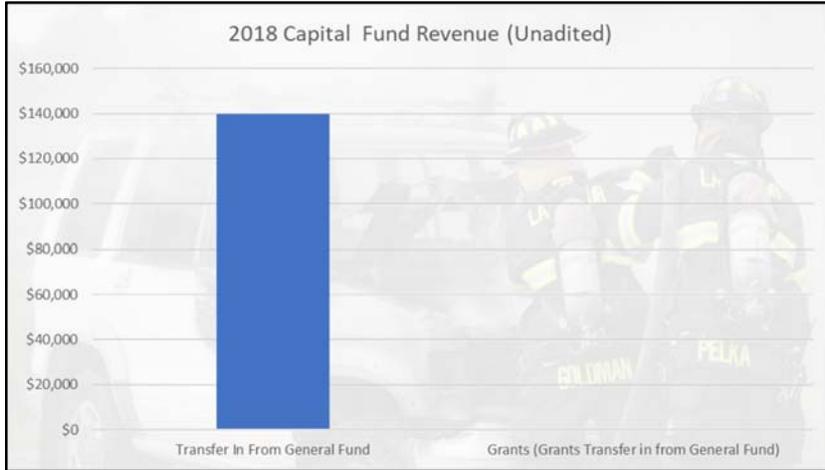


Francis Esty
Accountant

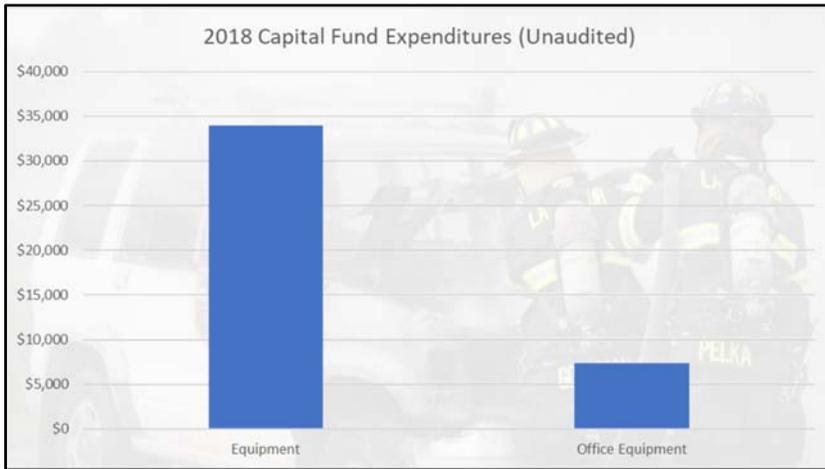


Jodi Warner
Administrative Assistant

FINANCIALS *(continued)*



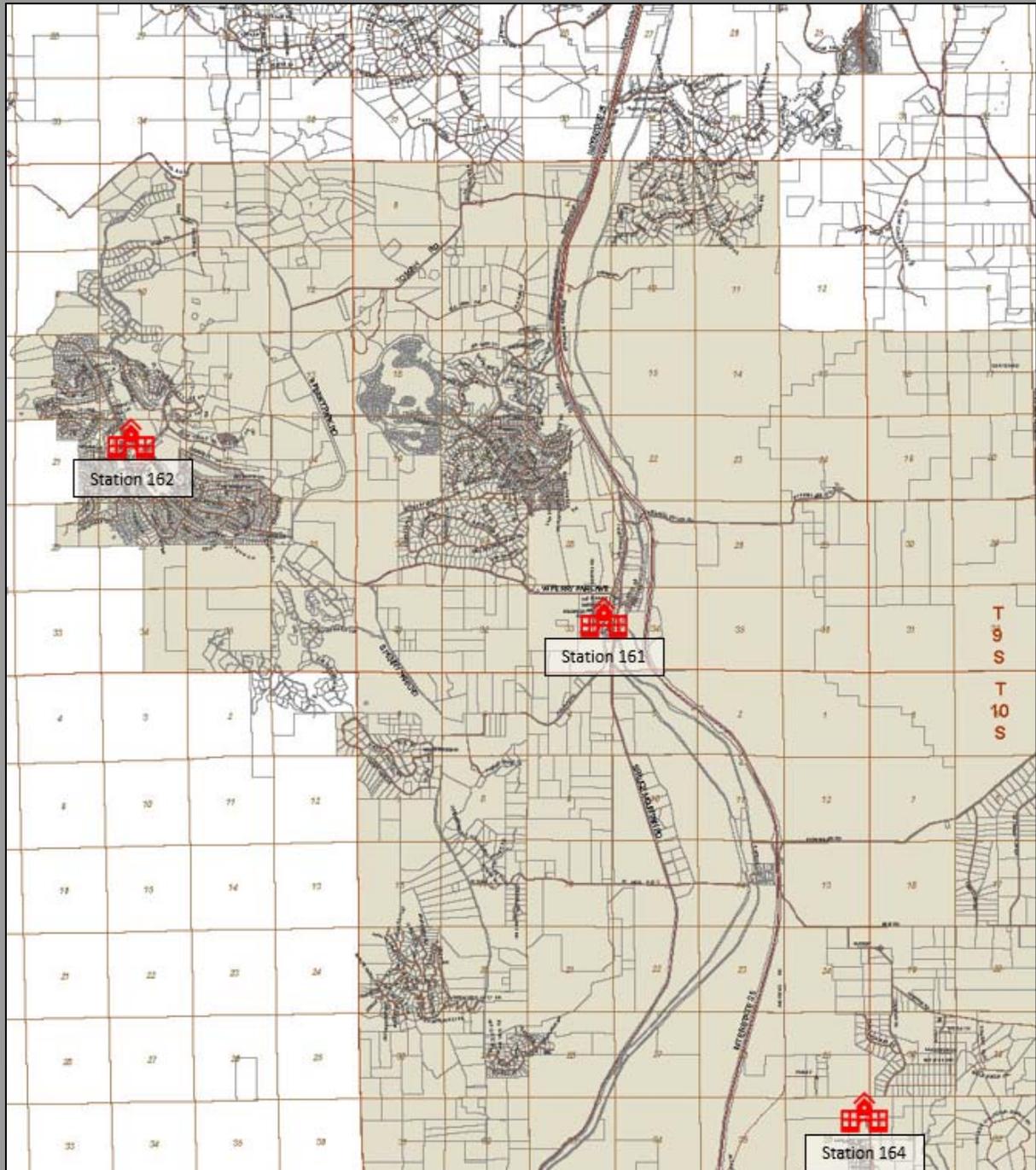
- Capital Purchases:**
- 600 feet of 5-inch hose
 - 1,250 feet of 1.75-inch hose
 - 10 Elkhart nozzles
 - 4 Elkhart 1-1/8-inch nozzle tips
 - 810 feet of 5-inch supply hose
 - Three 1.5-inch ball shutoff valves
 - One Revolution Engine Intake Valve
 - One NEC laser projector and sound system for training room



**Two Bendix-King VHF Radios
and associated equipment**
(Purchased with county PILT Grant Award)



LARKSPUR FIRE PROTECTION DISTRICT MAP



- Station 161: 9414 S. Spruce Mountain Road, Larkspur, CO 80118
- Station 162: 5680 Red Rock Drive, Larkspur, CO 80118
- Station 164: 15205 Furrow Road, Larkspur, CO 80118



*Station 161
9414 Spruce Mountain Road, Larkspur, CO 80118*



*Station 162
5672 Red Rock Drive, Larkspur, CO 80118*



*Station 164
15205 Furrow Road, Larkspur, CO 80118*

PERFORMANCE: RESPONSE STATISTICS

Response Time Goals

LFPD strives to meet the standards of cover as outlined by the National Fire Protection Association (NFPA). For combination (paid and volunteer members) agencies in rural areas (less than 500 people per sq. mi.) that respond to fires, NFPA recommends an initial fire attack crew of six firefighters on scene within 14 minutes at least 80% of the time. As illustrated in the chart below, the average response time of LFPD to all incidents within the District is well below 14 minutes. Approximately 80% of the time the District has a minimum of six firefighters on duty and in-service ready to respond to emergency incidents.

In 2018 LFPD was toned out to 1,050 calls. Nine hundred sixteen of the calls were within the jurisdiction of LFPD and 134 were mutual-aid assistance outside of LFPD's jurisdiction.

Annual Alarm Summary and Average Response Times 1/1/2018 through 12/31/2018

Incident Type	# In District	Avg Time (Minutes)	# Mutual Aid (Out of District)	Avg Time (Minutes)
100 Fire	25	10.52	19	57.31
200 Overpressure Rupture, Explosion, Overheat (No Fire)	2	5.21	0	0.00
300 Rescue & Emergency Medical Service Incident	585	9.81	49	19.01
400 Hazardous Condition (No Fire)	21	8.91	1	16.72
500 Service Call	73	6.79	2	25.48
600 Good Intent Call	150	9.30	62	0.00
700 False Alarm	42	10.66	1	14.62
800 Severe Weather & Natural Disaster	1	6.88	0	0.00
900 Special Incident Type	17	0.77	0	0.00



Trench Animal Rescue
Sageport Subdivision
(The deer survived)

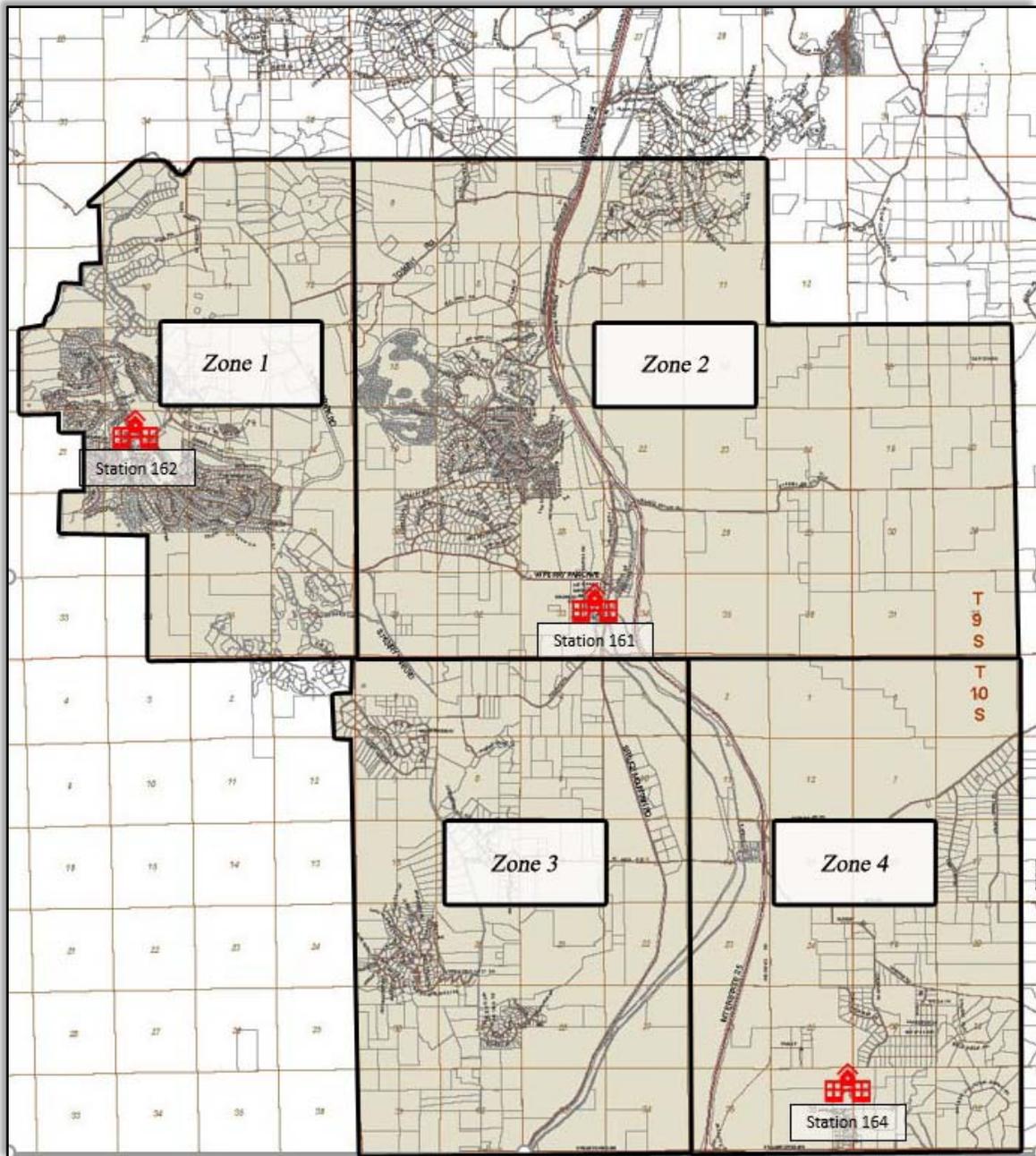


Commercial Carrier Fire
Interstate 25

PERFORMANCE: ZONE STATISTICS

In District Responses and Average Response Times per Zone

- Zone 1: 148 responses, 7.72 minutes average response time
- Zone 2: 451 responses, 8.33 minutes average response time
- Zone 3: 87 responses, 10.41 minutes average response time
- Zone 4: 230 responses, 11.98 minutes average response time



OPERATIONS

LFPD operates three fire stations. Two of the stations (Station 161 and Station 162) are primarily staffed by 15 full-time, six half-time, and one part-time operational staff personnel who are assigned equally to one of three shifts; A-Shift, B-Shift, and C-Shift. Each shift is augmented by a volunteer operational staff of 20 volunteers. The third station (Station 164) stores reserve apparatus and has no living quarters.

Station 161 is the District's headquarters and is located centrally within the jurisdiction. Its full-time staffing consists of one Firefighter/Paramedic, two Firefighter/Emergency Medical Technicians, and a Shift Captain who is also Firefighter/Emergency Medical Technician. This crew responds by cross staffing; a Type-1 Engine, a Type-1 Ambulance, a Type-6 Brush Truck; and a Type-1 Tender. Station 161 also houses a Telesquirt utilized as a reserve Type-1 Engine, a reserve Type-1 Ambulance, and a Type-6 Brush Truck. The administrative/command staff maintains offices at this station and consists of the Fire Chief, Fire Marshal, Training Officer, and Administrative Assistant.

Station 162 is staffed by one Firefighter/Paramedic and one Firefighter/Emergency Medical Technician who cross staff a Type-1 Engine, a Type-1 Ambulance, a Type-6 Brush Truck, and a Type-1 Tender. Both staffed stations provide basic and advanced life support transport of patients to area hospitals. The closest hospital to the District is in the Town of Castle Rock and is 14 miles from the main station. Station 164 a Type-1 Engine, a Type-6 Brush Truck, and a Type-2 Tender.



Calvin Brown
Firefighter/EMT
2018 National Fire Academy
Managing Officer Program
Graduate Certificate



Jason Goldman
Firefighter/Paramedic
2018 Paid Firefighter of the Year

TRAINING

Oversight of training is directed by Lieutenant Paul Hartigan. The training division supports employee professional development and training at all levels of the organization through budgeting, scheduling, program administration, and teaching.

In 2018 the Training Division oversaw:

- 1841 hours of structural firefighter training
- 2561 hours of medical training
- 696 hours of wildland training

2018 Training Accomplishments:

- Six Hazardous Materials certifications
- Four Firefighter I certifications
- Four Firefighter II certifications
- One Fire Officer I certification
- Seven Driver Operator certifications
- Three Emergency Medical Technician Certifications
- Two Paramedic Certifications



Paul Hartigan
Training Lieutenant/Volunteer Coordinator

Conducted one Firefighter-I academy for nine individuals which included certification in hazardous materials, structural firefighting, wildland firefighting traffic incident management, and ice rescue. Sponsored on employee to attend the National Fire Academy in Emmitsburg, Maryland.



VOLUNTEERS

Volunteers are integral to the team at Larkspur Fire. The volunteer members of the District are certified at the minimum as a Firefighter I, in hazardous materials at the operations level, and in wildland firefighting. Most of them are also emergency medical technicians. When a new volunteer joins the District, they participate in:

1. District orientation which is 20 hours.
2. Hazardous materials operations training which is 30 hours.
3. Wildland fire training which is 30 hours and has a written exam and practical field day test.
4. Structural firefighter training which is 160 hours.

There is a state of Colorado written and practical exam associated with the structural and hazardous materials portions as well as a live fire practical associated with the structural portion.

In 2018 we had as many as 20 volunteers on our roster who helped us meet the needs of the community. They served alongside the paid staff responding to calls for service and participation in local community events. In 2018 volunteers trained over 2,011 hours in all disciplines as it relates to operations and provided over 4690 hours of service time that did not include training (total time was 6,701).



Allen Ott
Firefighter/EMT
2018 Volunteer FF/EMT of the Year



Wayne Moore
Firefighter
2018 Volunteer Member Service Award



Anna Knapp
Firefighter/Paramedic
*2018 Volunteer FF/Paramedic
Most Training Hours Award*

PREVENTION

The Fire Prevention Division is headed by the Fire Marshal. The Fire Marshal is responsible for Fire Code plan reviews of commercial construction projects and housing developments, commercial business inspections, fire investigations, and fire code enforcement. He works in unison with all Douglas County Fire Marshals and the Douglas County Building Division in the adoption of the Fire Code and the Building Code within Douglas County. The Fire Marshal works closely with the Fire Chief during the Fire District reviews by the Insurance Services Office (ISO), which administers the Fire Suppression Rating Schedule for the Fire District. ISO assigns public protection class ratings for our Fire District that play a large role in determining property insurance rates.



*Randy Johnson
Fire Marshal*

Fire prevention education also falls within the duties of the Division. The Fire Marshal speaks with HOA groups, Metropolitan Districts, Town of Larkspur residents, schools and has assisted Douglas County in presenting Citizen Emergency Response Training (CERT) for county residents and home fire safety for seniors. The LFPD holds an annual Wildfire Workshop for Fire District residents.

The Division also works with local communities on developing Community Wildfire Protection Plans and achieving Firewise Community status. The Division also performs home fire inspections and wildfire mitigation assessments of properties upon request. Educating district residents and developing a solid partnership with them is a large part of our mission to provide a safer environment for families and the communities they live in.

Along with adjoining fire agencies and outside groups such as the Pikes Peak Wildfire Prevention Partners, The Division reaches out to residents beyond the LFPD with messaging on wildfire mitigation and prevention. We know that their wildfire could become our wildfire as fires do not respect map boundaries.



Intrinsic to all the Division's activities there is the constant building of relationships and trust with Douglas County officials, neighboring fire agencies, other educational groups and our District residents. For without these relationships and trust in and from our partners, we are but a small island in an angry ocean. These valued relationships are how we measure our success.

WILDLAND/URBAN INTERFACE

The LFPD encompasses approximately 109 square miles of wildland fuels with wildland urban intermix and wildland urban interface environments included within. A variety of land forms and fuel models grace our District. Elevations across the District vary from 6400 ft. to 8500 ft. with terrain varying from gently rolling hills and towering buttes to steep mountain slopes and canyons along the eastern edge of the Rampart Range. Vegetation includes grass prairies, grass/brush environments, riparian ecosystems, oak/pine woodlands and dry mixed conifer forests.



We have 7 rural subdivisions in forested environments ranging from 15 to 826 homes in size. Egress from these communities varies from single to multiple routes out and the terrain varies from gently rolling to mountain tops. There are also numerous large lot homes and ranches scattered in a variety of terrains and fuel models. Homes range from small historic structures to 22,000 square foot new construction. Throughout our District, all our residents are at risk from wildfire.

Large wildfires have approached and threatened our District over the years causing pre-evacuation notices to be sent to our residents and actual evacuations have occurred due to



Colorado's largest wildfire event, the Hayman Fire, in 2002. We have numerous wildfires within the District every year. Severity and scale of these fires fluctuate depending upon fuel and weather conditions. Fires in the District have ranged in size from small roadside fires measured in square feet to rangeland fires up to 350 acres. We take this threat to our District residents very seriously.

In March of 2018 we had a 170-acre wildfire north of Noe Rd.

that threatened 15 structures including 6 homes. The fire was contained with no structure losses.

Wild fire causes are across the spectrum including; lightning strikes, railroad activity, faulty catalytic converters, vehicle fires, equipment malfunctions, electrical powerlines, welding/grinding and careless use of fire. In 2018 several intentionally set arson wildfires occurred along the 105 corridor, including within the LFPD. These fires are still under investigation.



Every year the LFPD sends some of our certified wildland firefighters to wildfires all over the United States to fight wildland fires. The experience they gain on large fires elsewhere is immeasurable and that experience is brought back to the LFPD to make a difference on fires here at home. They have garnered experience with structure protection, firing operations, air operations, and overhead management positions. This level of experience could not have been achieved while participating on in-District wildfires only. No training can match the hands-on experience with real wildfire.



WILDFIRE MITIGATION



A large wildfire event that consumes a community or communities within our District would be the most devastating event that could occur within the LFPD. Devastating in both the outcome and the number of residents affected. However, catastrophic wildfire is the one natural disaster that can be prevented. Wildfire will always occur but does not need to be catastrophic in consequence. Community scale mitigation of fuels and hardening homes against ember intrusion will reduce or prevent significant losses. That is why

wildfire mitigation is such a huge focus of the LFPD. We work with communities and individual property owners to educate, motivate and assist them with wildfire mitigation efforts.

The LFPD will visit properties upon request of the owner and provide an assessment of wildfire risk and make recommendations on how to reduce that risk. This process involves walking the property with the homeowner and providing an analysis of their particular situation. Throughout the walk through, an educational experience is provided by the LFPD on the fuel model at that location, the potential fire behavior, and how wildfire mitigation goes hand in hand with other land management responsibilities. We help to prioritize the mitigation efforts for the property owner in order to reduce the highest hazards first. The LFPD typically visits 40-80 homes each year and 48 sites were visited in 2017.

WILDFIRE MITIGATION *(continued)*

In working with communities, we start with a big picture look and help them to develop a Community Protection Plan or CWPP. This effort is done in conjunction with the Colorado State Forest Service, one of our many partners in wildfire preparedness. The CWPP provides an analysis of the wildfire risk factors that face the community as a whole and then develops an action plan that the community can implement to reduce those risks. The five of our largest communities within our Fire District are now covered by a CWPP.



We also work with communities to help them become Firewise Communities. This program is managed by the National Fire Protection Association (NFPA) and in which the Colorado State Forest Service also plays a role. Five of our communities in our Fire District have achieved Firewise Community Status. Perry Park is one of the first twelve communities in the entire United States to achieve that status and is one of the nine communities out of the first twelve that continues

to maintain that status. We have helped to coordinate projects outlined in CWPPs with adjoining property owners including Douglas County and the Pike National Forest. The LFPD is actively involved in community slash reduction by providing the resources to manage a massive pile burn with the Perry Park community every year, conditions allowing.