

City of Davis
FIRE DEPARTMENT
Annual Report
2014-15

MESSAGE FROM THE CHIEF

Community Members,

I am pleased to share the City of Davis Fire Department's 14-15 annual report. This document provides a look back at some of our most significant collective accomplishments over the last year, tells the story of our outstanding fire service professionals, and reflects on the impressive diversity of services we provide to our community.

The last reporting year was marked with the hiring of five new firefighters and the promotions of several others. We say thank you to the veteran firefighters who left our ranks to pursue other opportunities or retirement and we welcome our new generation of DFD firefighter and the enthusiasm of new leadership. I am never at a loss for the admiration I have of the fine work our firefighters do, both on the emergency scene and in giving back to the community that has given them so much.



Nathan J. Trauernicht, Fire Chief

Over the next fiscal year we look forward to the continued joint operation of the City of Davis and UC Davis Fire Departments, receiving the final fire truck to complete the replacement of the entire frontline fleet, the replacement of fire station 31, and the opportunity to take advantage of a variety of opportunities that wait on the horizon to build upon our outstanding service.

Thank you for the opportunity to serve,

Nathan Trauernicht

Fire Chief

OUR MISSION AND VALUES

Our Mission

The mission of the City of Davis Fire Department is to **PROTECT LIFE, PROPERTY and the ENVIRONMENT** in our service area. We will deliver these services to the community through an efficient and effective use of our resources, while always providing the highest quality of customer service.

Our Values

The members of the Davis Fire Department are guided by the following principles:

- All employees are valued.
- Employees are encouraged to express opinions and offer suggestions and ideas.
- Responsible behavior and accountability from employees is expected.
- All employees will provide the highest quality of customer service.



THE DEPARTMENT

The City of Davis Fire Department provides emergency response and fire prevention services to the communities of Davis and the University of California at Davis. Under contract the department also provides emergency response services to three fire protection districts (East Davis County, Springlake and No Man's Land).



The department is staffed by a Fire Chief, a Deputy Chief and three Division Chiefs who work under a shared management agreement with U.C. Davis Fire Department. There are nine captains and 24 firefighters who respond to calls from the three Davis stations in West, Central and South Davis. The Fire and Life Safety Division (Fire Prevention) is staffed by a Fire Marshal and a Fire Inspection Specialist. The department receives administrative support from three part time employees.

Over the last year the department has continued to work and improve the effectiveness of the department under a shared management model. The department developed several new Standard Operating Guidelines, assisted with an International Organization for Standardization (ISO) review, and continued to work on accreditation.

Improvements and additions to the department's assets were also a main focus of this year. Improvements to the three fire stations included furniture replacement and organization. Department staff discussed, created a site plan and issued a bid for a shipping container training prop at Station 33. Staff also began discussion and review of sites for a department training tower. And a committee was formed to begin the planning process for the re-build of the downtown station.

This year saw a number of staff changes: retirements, promotions and the hiring of new personnel to fill existing vacancies. Five new firefighters were hired in September of 2014 and after six weeks of training went on duty in November. Also this fiscal year a Division Chief and a Captain retired and these two positions were filled by internal promotion.



Whether at an emergency, or educating and interacting with our community. DFD is proud to serve the citizens of Davis .



Between July 2014 and end of June 2015, the department responded to 11 mutual aid requests for staff and equipment to help fight fires all across the state of California. These large fires threatened communities and our natural resources.

The requests for aid ranged from the need for a single resource such as an EMT, a Division Chief or a Type 3 grass rig with driver to an entire three person engine company.

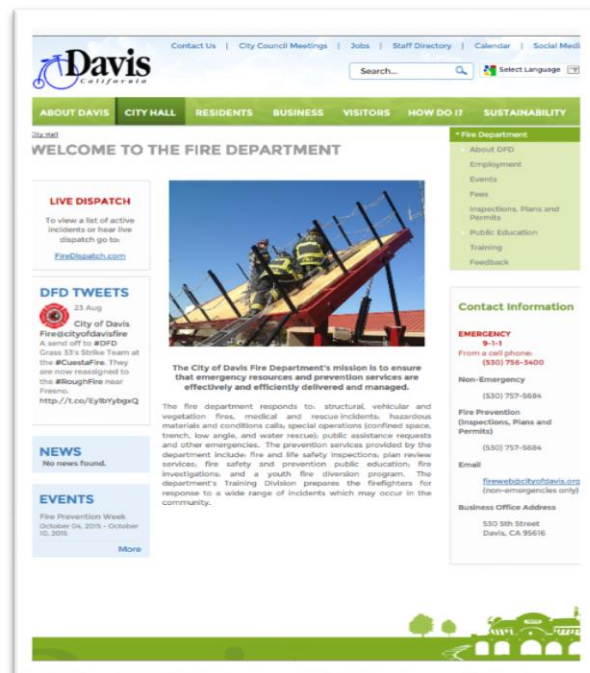


Engine Company on a Strike Team



One of our goals is to enhance the department's social outreach and public education program. The Fire Department's website was updated during the city's migration to Vision Internet.

The site now provides more up to date information on the department's activities. There is a link to live dispatch through FireDispatch.com, Twitter feed, a news page and an events calendar.



The Fire Department website address is cityofdavis.org/city-hall/fire-department

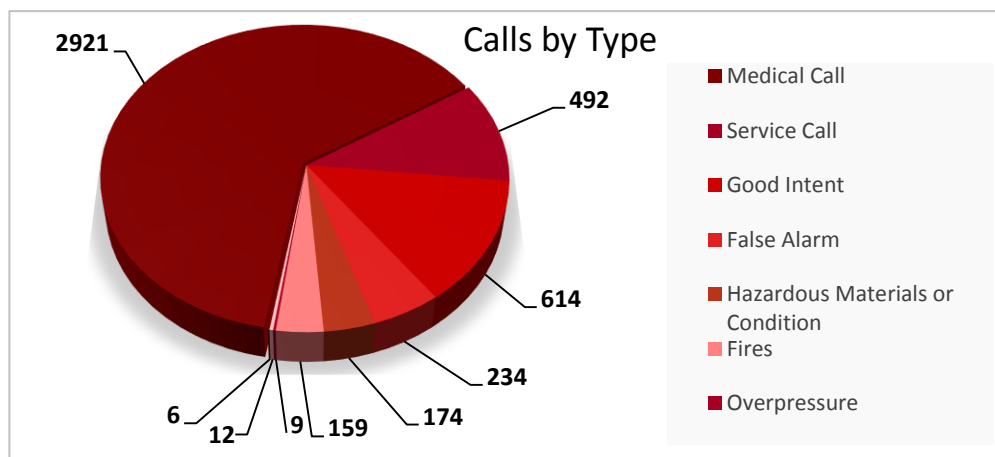
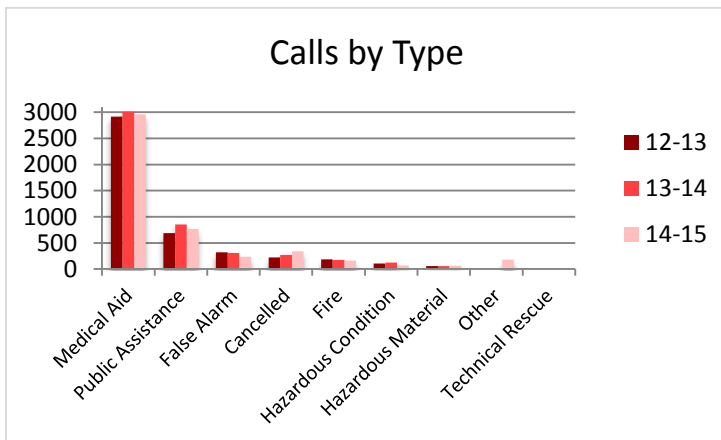
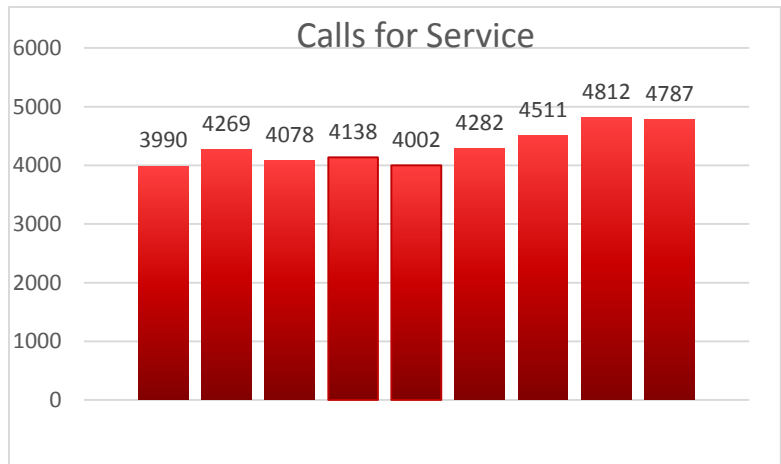


DFD BY THE NUMBERS

The Department responds to all incidents including medical emergencies, fires, hazardous materials and conditions, technical rescues and public assistance.

Over the years as the population of our service area has increased so have the requests for service. In 2014-2015 the total number of calls was 4,787. Calls for emergency medical response made up 61% of our calls while fires accounted for 3.3% of our total calls.

The breakdown of responses for the City is similar to that for other fire agencies in California. The State Fire Marshal reported that for 2014, of the reporting fire departments in the state, 3.1% of their responses were to fires and 64% were medical emergencies.



A CLOSER LOOK

As shown in the chart below the Davis Fire Department responds to a diversity of requests for assistance.

TOTAL*	4,787
Medical Call	2921
Illness/Injury	2797
Vehicle Accidents with injuries	124
Service Call	492
Assist Invalid	271
Cover assignment, standby, move-up	24
Assist Police or other governmental agency	90
Smoke or odor removal	17
Other (water or steam leak, unauthorized burning)	90
Good Intent	614
Dispatched and Cancelled En-route	340
No Incident Found on Arrival at Address or Wrong Location	216
Smoke scare, odor of smoke	29
Other (Hazmat release investigation, no release, authorized control burn)	29
False Alarm	234
Smoke detector activation due to malfunction or unintentional	71
Alarm system sounded, activation due to malfunction or unintentional	73
Other (CO detector activation due to malfunction, sprinkler activation - no fire)	90
Hazardous Materials or Condition	174
Vehicle accident (non-injury)	73
Gasoline, oil or other flammable liquid spill	43
Other (Electrical, Arcing equipment, Power line down, chemical spill)	58
Fires	159
Structures	31
Vehicle	29
Grass, wild land	56
Other (cooking, chimney, trash, etc.)	43
Overpressure	9
Excessive heat, scorch burns with no ignition	6
Overpressure rupture from steam, other	3
Rescue	12
Extrication of victim from stalled elevator, vehicle or building/structure	12
Other	6

*Type not recorded = 166



TRAINING

The department has continued its partnership with the West Valley Regional Fire Training Consortium (WVRFTC) to provide career development for all uniformed personnel. The WVRFTC is responsible for developing, delivering, and coordinating training activities for our department. This year the consortium worked with students from the USC Price, Sol Price School of Public Policy to develop a strategic plan for the consortium.

The Davis Fire Department continues to not only rely on the captains and battalion chiefs to ensure ongoing quality training for our department but we also are committed to seeking innovative partnerships and solutions that will allow us to improve, as well to more fully take advantage of efficiencies found with collaborative efforts.

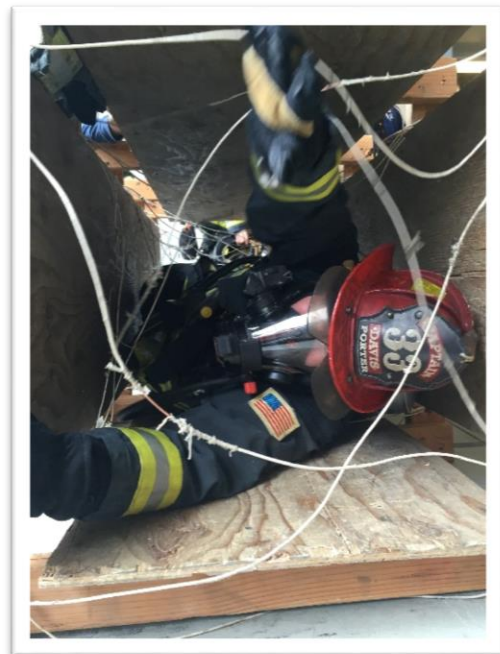
This year collaboration among regional fire agencies provided training in areas such as hazardous materials mitigation, wildland firefighting and high-rise response and safety. Last July department staff participated in the Annual Yolo County Haz-Mat drill in Woodland. The drill simulated an ammonia leak and involved on-site workers needing medical attention and pre-transport decontamination. Between January and March of this year the department sent staff to Sacramento's Regional Highrise drill at the West Sacramento Fire Department training tower. In May and June firefighters joined other fire departments in a regional wildland training live burn near Cal Expo and the American River Parkway.

In addition to expanding our efforts regionally we have also been able to harness a greater pool of expertise from within our own fire department as well as provide a venue for further development and mentoring opportunities for our personnel. This support has allowed for opportunities of successful execution in many areas of training which in part include:

- Officer Classes
- Truck Academy
- Firefighter Survival
- Ventilation Practice
- Forcible Entry
- EMS Certification and Maintenance
- Wildland Operations
- Hazardous Materials Response



Training's most noticeable impact is on our performance on the emergency scene.



Firefighter working through prop during Firefighter Survival training administered by in-house personnel.



Training in Detail

In 2014-2015 total participant training hours were 9, 870. The source for the data below is Target Solutions, the West Valley Regional Training Consortium's web-based training and records management system.

Class	Participant Hours of Training*
Administration, Management or Supervision	1650
Construction Tech & Fire Protection Systems	119
Emergency Medical	1200
Emergency Operations	2747
Fire and Arson Investigation	91
Hazardous Materials	230
ICS and NWCG	780
Office Skills	12
Other	139
Portable and Fixed Accessory Equipment	609
Preventative Maintenance	205
Prevention	558
Rescue Practices	347
Vehicle Operation and Pump Use	1187
Grand Total	9,870

*Hours rounded to nearest whole number



Fire Department staff photographed at a joint U.C Davis and City of Davis training exercise.



STAFF



Firefighter of the Year

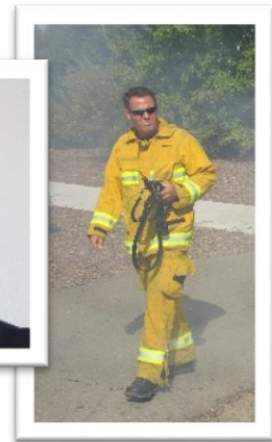
Joe Tenney

Each year the Davis Veterans of Foreign Wars, Post 6949 honors local heroes. This year Joe Tenney was nominated by the department to receive this award. Joe as well as a Davis police officer, dispatcher, teacher and a UCD ROTC cadet were presented with the award during a ceremony at the Post's Valentine's Day breakfast. Joe has served the department and community with dedication for 16 years and this year was promoted from Captain to Division Chief.

Retired

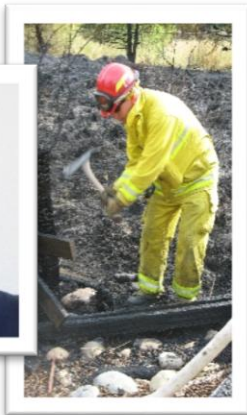
Bruce Fry

Hired in April of 1986 as a firefighter. During his time with the department he was promoted to Captain and in 2012 became a Division Chief. As a Division Chief his duties included management of facilities, small equipment, pre-fire plans, and crew resources. He also served as the Emergency Operations Center Coordinator.



Brian Stiles

Brian was hired in 1985 as a firefighter and became a Captain in 2002. He retired from the department. Brian also served in the U.S. Coast Guard since 1999 and was deployed to Kuwait in 2010.



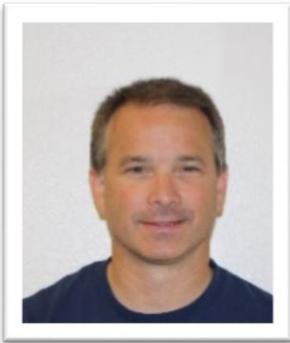
Moved On

Ryan Crow

Ryan worked for department for eight and a half years as a firefighter. During his tenure with the department he managed the department's maps and plot plans. He left the department in August 2014 to take a position with the San Francisco Fire Department.



Promoted



Joe Tenney

Joe came to the department in 1999 after 10 years with the U.C. Davis Fire Department. He was promoted to Captain in 2012 and this past February he became a Division Chief. During his time at Davis Fire he worked with hazmat training and the personal protective equipment program. His current duties include Special Operations, Information Management, Pre-Fire Plans, the Personal Protective Equipment and Small Equipment programs and training and safety.

Hired

Five firefighters were hired in September 2014 to fill vacancies. After six weeks of an in house training, Jeremy Brown , Noah Easterday, Reese Heaslet, Ryan Mackey and Sam Shackelford went on shift.



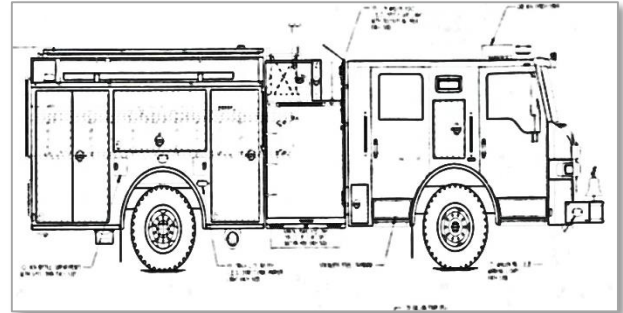
Indoctrination Ceremony in November 2014



APPARATUS and EQUIPMENT

In 2014-2015 the department began the build process of a new Type 1 Pierce Engine. In February five staff members visited the factory in Wisconsin, since then the build committee has reviewed engine schematics as the engine has been assembled to meet department specifications.

Moving to Pierce Engines from the Spartan/Hi-Tech Type 1 engines the department currently uses, aligns us with other agencies in the region. This standardization will allow for the potential for a county-wide fire apparatus maintenance facility.



The department has three first-out Type 1 engines and two Type 1 reserve engines. A Type 1 engine has greater pumping capacity and carries more hose than a Type 3 engine that is used for fighting wildland/vegetation fires. They can accommodate at a minimum of 4 persons.



With the purchase of a 2015 Ford Explorer this year, the department now has three command vehicles in service.

SELF CONTAINED BREATHING APPARATUS

In 2013 the City of Davis applied for a FEMA Assistance to Firefighters Grant (AFG). The Operations and Safety PPE grant was awarded in 2014 to the City of Davis and City of Woodland. Davis received funds to purchase 46 Self-Contained Breathing Apparatus (SCBAs). This fiscal year the SCBAs went into service following training and fit testing.



Firefighter breaching a practice wall during survival training.



RADIOS

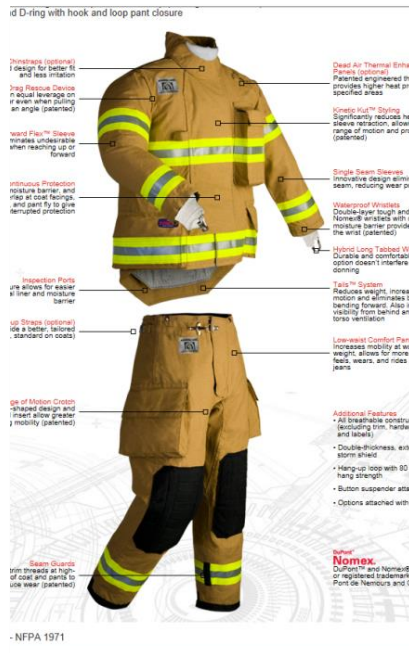
The handheld radios that were purchased, with a grant received last year, were programmed and installed this year. Radios play a vital role in our day to day activities as we communicate with our dispatch center and other emergency units. On the fire ground they are mission critical tools that keep firefighters safe and allow us to share important information about conditions and changes that can mean the difference between life and death.



Handheld radios are one of the most important tools a firefighter carries.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

The City of Davis Fire Department, along with five partnering agencies, was awarded a Personal Protective Equipment (PPE) grant to purchase turnouts. The purchase was approved by council and the department issued a request for bids at the end of the fiscal year. The funds received will be used to replace obsolete turnout gear.



Turnouts provide both a thermal and a moisture barrier.



FIRE AND LIFE SAFETY

The Fire and Life Safety Division (Fire Prevention) enforces state and local fire code, performs fire safety inspections, does plan reviews and issues permits. The Division also manages the department's public education, fire investigation and weed abatement programs.

Plan Review

The Fire and Life Safety division processed and reviewed 210 plans in 2014-2015. These project plans included building, shop, site, subdivision and tenant improvement construction. The majority of these construction projects also involved at least two on-site inspections.

Plan Reviews	210
Properties visited during Engine Company Inspections	1,489

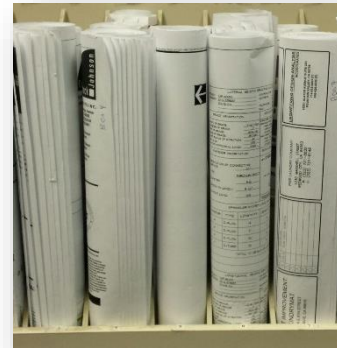
Life Safety Inspections

In addition to the inspection of new businesses, new construction and tenant improvements; the Fire Marshal is mandated to inspect state licensed day care facilities and residential care facilities and schools.

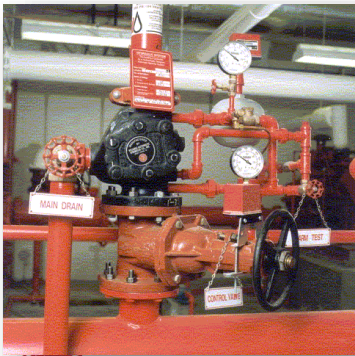
New Construction

The Fire Marshal consults with other city departments on construction projects to ensure that life safety requirements are met. Road and development construction is evaluated by the Fire Marshal for emergency response vehicle accessibility, adequate and accessible water supply, and sufficient room to operate emergency equipment. This year projects included: the Surface Water project, Mace Ranch Innovation Park, the wastewater treatment plant renovation and developments at the Nishi site, Trackside Center, 5th Street (previously Families First site) and the Cannery.

The Fire Marshal works closely with other city departments and groups, such as the Police Department, Community Development Department, the Chamber of Commerce, restaurant owners, the Farmers Market staff and the School District in the planning, inspection and safe execution of special events, such as the Fourth of July Celebration in Community Park, Celebrate Davis, Picnic Day, the Davis Farmers Market and Grad Night.



The Fire Prevention Division conducted over 200 plan reviews this fiscal year.



Engine Company Fire Safety Inspections

The department's Fire Safety Inspection program dates back to the 1970s. It was begun as an effort to reduce the frequency of fires, contribute to the safety of citizens and to familiarize the firefighters with properties in the city. Each year the engine companies inspect each commercial address and the common areas of multi-family dwellings. The engine companies are assigned a section of the city to

inspect; this is done on a rotating basis so that over a five year period each firefighter will be able to familiarize them self with every commercial or multi-family housing dwelling in the city

Fire Investigation

The fire investigation team consists of a total of six firefighters (2 on each shift). The Fire Marshal oversees the team's training and reports.

Shared Services

The city's Fire Marshal's time continues to be split between the cities of Davis and Woodland. In addition to organizing staff time for both agencies a current staff member received training over this last year and now serves as an inspector. The new inspector is trained in residential fire sprinklers and other fire and life safety systems.

The Future of Prevention, Fire & Life Safety Services

The Fire Marshal is working toward a cohesive, efficient and effective shared prevention bureau. He is implementing new inspection and time tracking systems to streamline access to data in the future. The department will continue to explore shared fire prevention and fire investigation services with neighboring cities.



OUTREACH AND INTERACTION

The Fire and Life Safety Division manages the Public Education program for the Department. In 2014-2015 the engine companies made 52 public education contacts. This included tours of the stations, visits to businesses, ride-alongs, participation in public events, and presentations to Davis students. Each October, during Fire Prevention Month, the engine companies visit local elementary and schools to discuss fire safety with the first grade students.

In 2014 the division expanded its outreach to include senior citizens for the first time. The bureau also hosted an open house at Farmer's Market and made contact with hundreds of people.



Fire Marshal Tim Annis answered a lot of questions about smoke detectors at Farmer's Market.



LOOKING FORWARD...

In the next fiscal year the Davis Fire Department in cooperation with the U.C. Davis Fire Department and other partners will work toward meeting our 2015-16 goals.

Self-Assessment and Planning

We will continue to work on a standards of cover document, a strategic plan effective through 2020, revision of the department's Policy and Standard Operating Guidelines (SOG) manuals.

Staff Development and Training

Throughout the year we will evaluate and revise department policies, materials, and procedures within the scope of training to promote individual employee development and we will work towards establishing a professional development program.

The projects for this year will also include the research and development of effective, efficient, and accessible training. The department in cooperation with the WVFTC will develop a comprehensive training plan meeting regional goals of standardization while addressing local needs.

Purchases

In addition to other purchases the department has budgeted funds for the purchase of spreaders, cutters, and rams used in vehicle extrication and other rescues, and the replacement of the department's self-contained breathing apparatus compressor, and turnout washer-extractors for each of the stations.

Outreach

In 2014-15 we plan to develop and offer community education and training programs designed to inform citizens of the challenges and opportunities regarding fire and emergency services.

We will also be working on strengthening



our community emergency preparedness and emergency management programs. We will utilize the department's website along with social media to provide meaningful tools and information to citizens of our response area.

And last but not least our primary responsibility and purpose is to continue to provide the highest quality of customer service to our community.

