

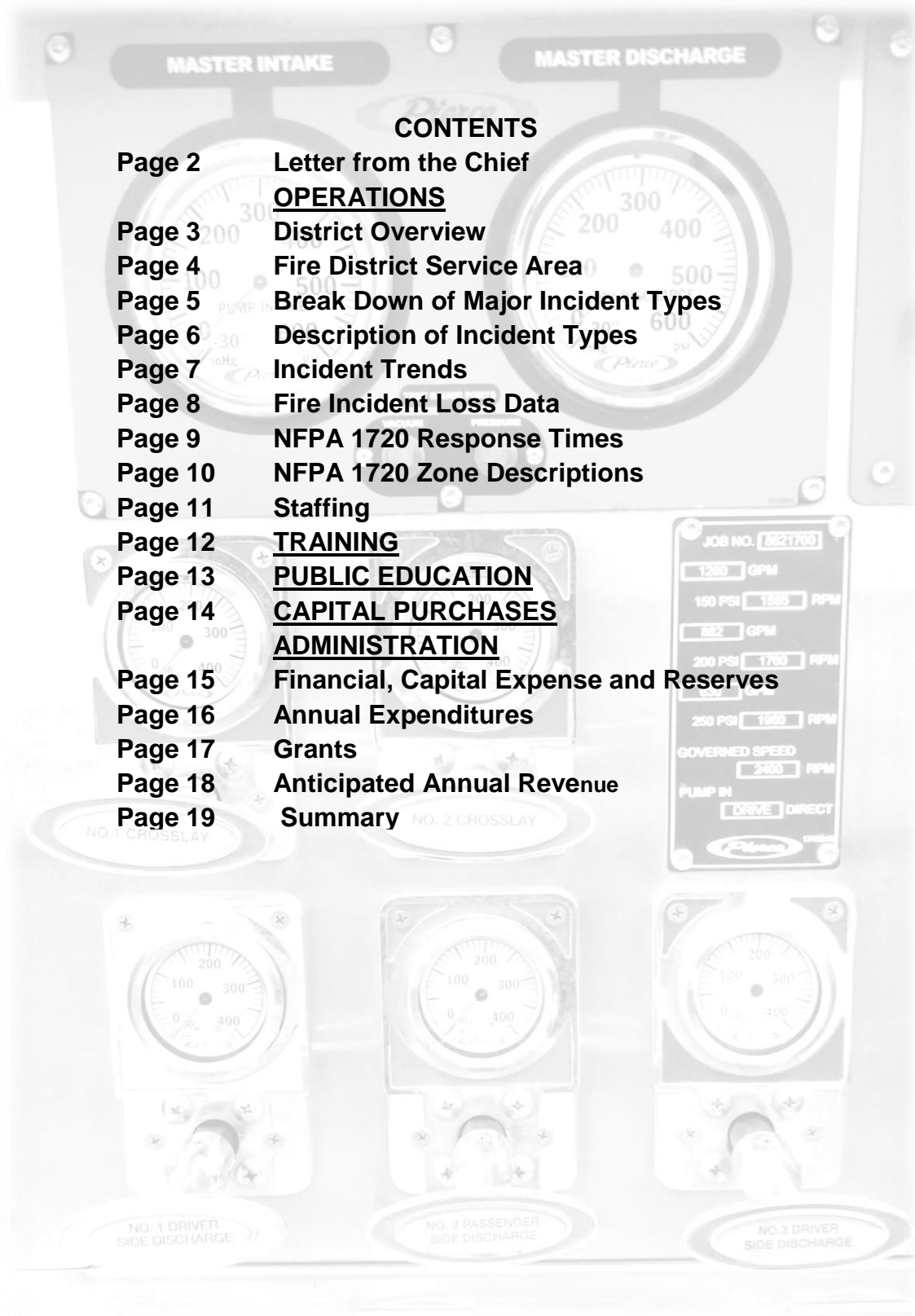
Franklin County Fire Protection District #3

2016 Annual Report



MISSION STATEMENT

- *Protect lives and property*
- *Treat all with care*
- *Act with integrity*



LETTER FROM THE CHIEF

On behalf of the members of Franklin County Fire Protection District #3, I am pleased to present the Fiscal-Year 2016 Annual Report. This is the first report of its kind since I arrived in December 2013. The annual report provides an overview of the past year as well as the Department in general. We take tremendous pride in sharing our successes and interactions with our community



In the Fire District's 63 years of existence, the Fire District continues to follow its Strategic Statement:

Strategically, Franklin County Fire Protection District #3 is to provide the best quality fire, emergency, medical, disaster response and fire prevention services to the citizens of our communities, at the most reasonable cost possible, without compromising creativity, innovation, growth and stability. We are continually striving to better equip our department and provide increased firefighter training opportunities in an effort to increase both the safety of the citizens we serve and the firefighters that respond.

We did not see an increase in responses from 2015, but the demands for service and hours spent by career and volunteers on the emergency responses continue to increase. Our career and volunteer firefighters spent 3,068 hours on scenes of emergencies, an increase of about 12% per year since 2013. I am proud of the hard work and hours of commitment our team put in on scene managing these sometimes long and complex emergencies.

The members of Franklin County Fire Protection District #3 remain committed to our motto "***Caring, Dedicated, Professional***". We look forward to another year of working together and appreciate your support!

Sincerely,

A handwritten signature in black ink that reads "Mike Harris".

Mike Harris
Fire Chief

2016 FIRE DISTRICT OVERVIEW

Franklin County Fire Protection District #3 (FCFD#3) protects 205 square miles and 7,186 people with seasonal transient farm worker population of about 1,800. FCFD#3 is a combination department operating 4 stations with a paid Fire Chief, Administrative Assistant, 3 career Firefighter/EMTs, 1 career Firefighter/Paramedic, 46 volunteer firefighters, 21 of which are Firefighter/EMT, 4 EMT volunteers and 1 volunteer paramedic.

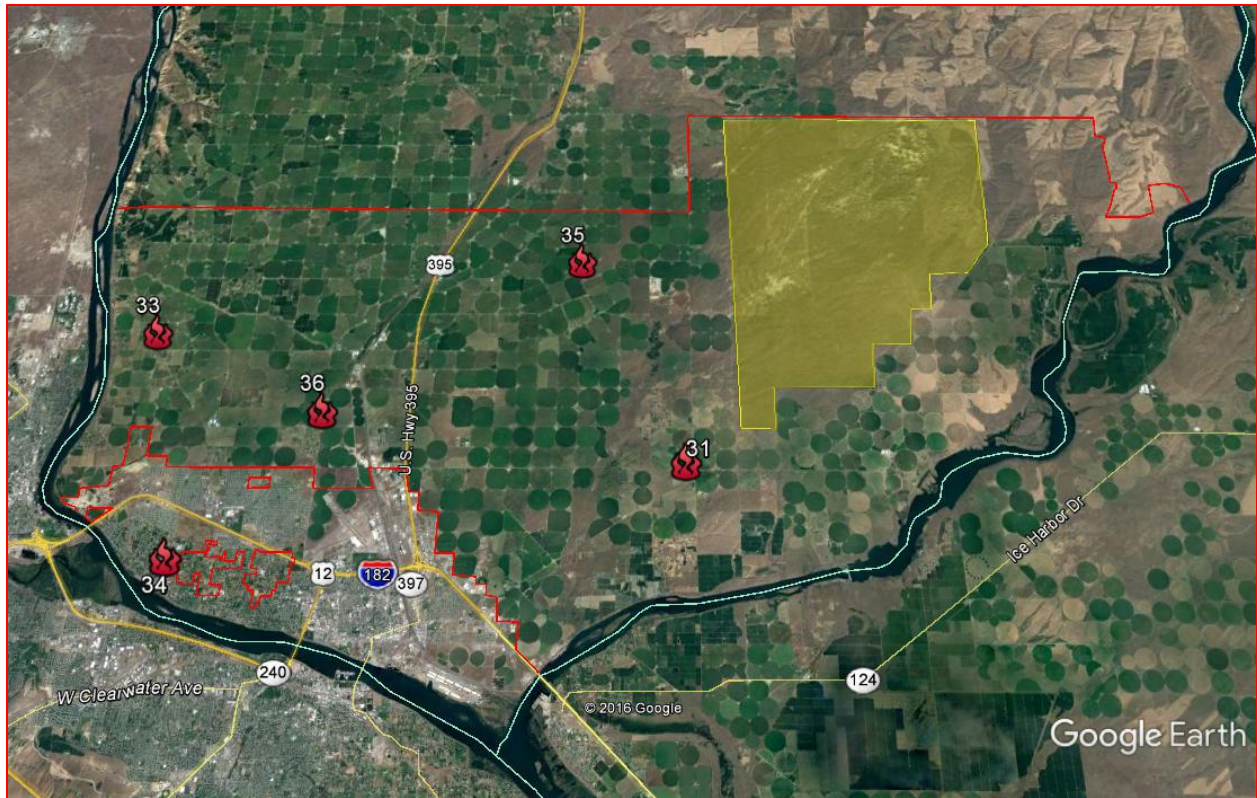
FCFD#3 is in the heart of the Columbia Basin in Southeast Washington State and includes unincorporated portions surrounded by the city limits of Pasco. Our county has a population of 86,638 according to the 2010 census. This is an agribusiness-dependent region which grows a large amount of the nation's potatoes, wheat, corn, apples, cherries and mint.

FCFD#3 helps to protect many major components of critical infrastructure that include: the planning zone for the Hanford Nuclear Reservation operated by the US Department of Energy, bulk fuel, chemical/fertilizer storage and distribution, natural gas pipeline, bridges, interstate freeways, a major railway corridor, barge shipping terminals, federal irrigation resources, hydroelectric projects including a major dam operated by the US Army Corps of Engineers, a major railroad switch yard, regional commercial airport, communications facilities, and dozens of food processing plants. Pasco is the county seat and the largest city and economic center in Franklin County.

Because of the unique nature of our fire district providing the same primary fire and emergency medical services provided by a city, the District also has additional responsibilities usually afforded by other departments of a municipal government. Some of these additional duties are payroll, finance, purchasing, facilities, human resources, public works, as well as all public education and outreach. These duties are in addition to the daily duties necessary to the operation of the District such as emergency response, apparatus maintenance, tracking and maintaining small works roster and bids, inventory control and data gathering and reporting. Due to the stand alone nature of the fire district, we do it all in order to succeed and provide the best service to our customers.

FIRE DISTRICT SERVICE AREA

Yellow shade indicates Contract Fire Protection area for Bureau of Land Management



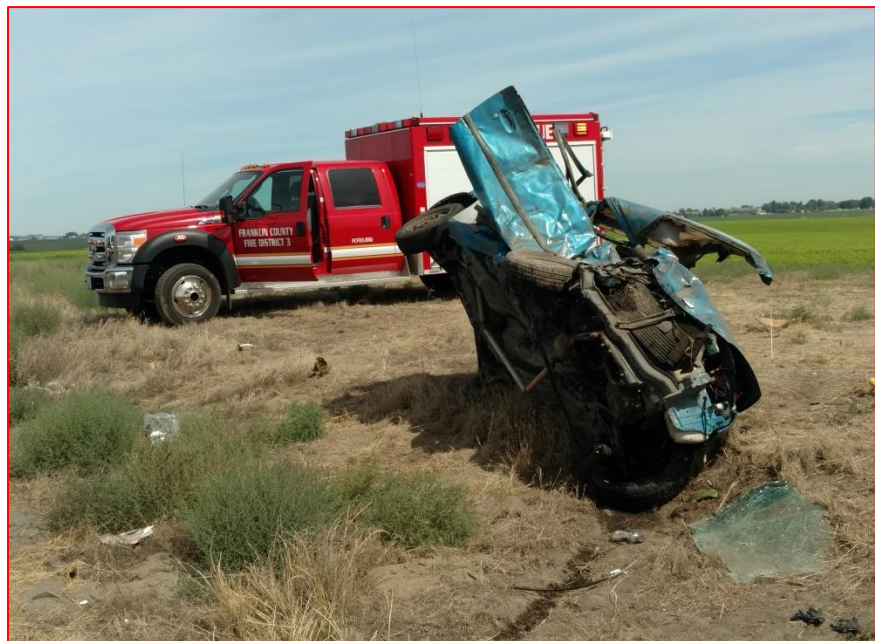
Fire Station #31
5640 Pasco Kahlotus Rd

Fire Station #33
8271 Selph Landing Rd

Fire District #34
2108 Rd 84

Fire Station #35
1200 Frontier Rd.

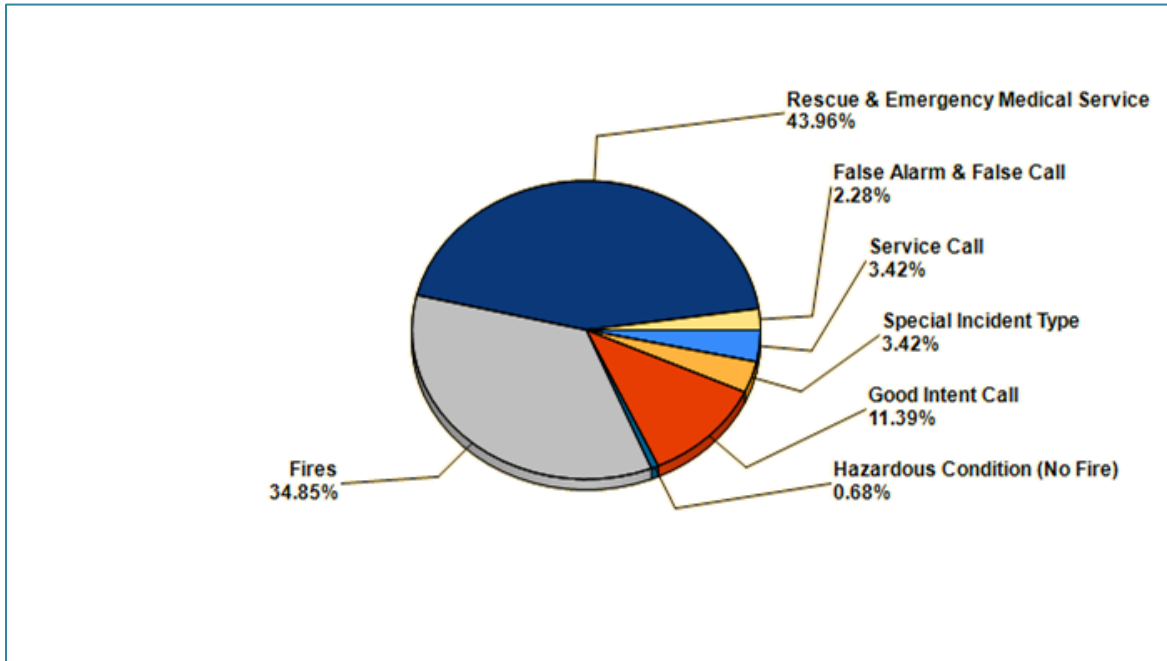
Fire District #36
7809 Rd 36 N



OPERATIONS

Breakdown and Description of Major Incident Types

The Fire District responded to 439 calls for service in 2016, down from 496 calls in 2015. Part of the change in call volume was related to a slight decrease in EMS calls (<22) and false alarms in 2016. The Fire District's five year trend continues to stay between 400 and 500 alarms per year.



	# INCIDENTS	% of TOTAL
Fires	153	34.85%
Rescue & Emergency Medical Service	193	43.96%
Hazardous Condition (No Fire)	3	0.68%
Service Call	15	3.42%
Good Intent Call	50	11.39%
False Alarm & False Call	10	2.28%
Special Incident Type	15	3.42%
TOTAL	439	100.00%

Description of Incident Types

Fires: Includes all fires in buildings and mobile homes, vehicles, mobile properties, recreational vehicles and natural vegetation (wildland).

Overpressure Rupture, Explosion, Overheat (no fire): Excludes steam mistaken for smoke. Includes overpressure rupture from steam or a boiler where the Fire District was called to assist.

Rescue and Emergency Services: Includes medical assists, motor vehicle accidents with injuries and no injuries, lock-ins, search for person and all rescues.

Hazardous Condition (no fire): Includes chemical and radiological releases with no fire, hazardous electrical condition, hazardous building condition with no rescue and standby for hazardous conditions.

Service Call: Includes person in distress, water removal, animal rescue, public service assistance, unauthorized burning and cover assignment or move-up such as standby at a fire station.

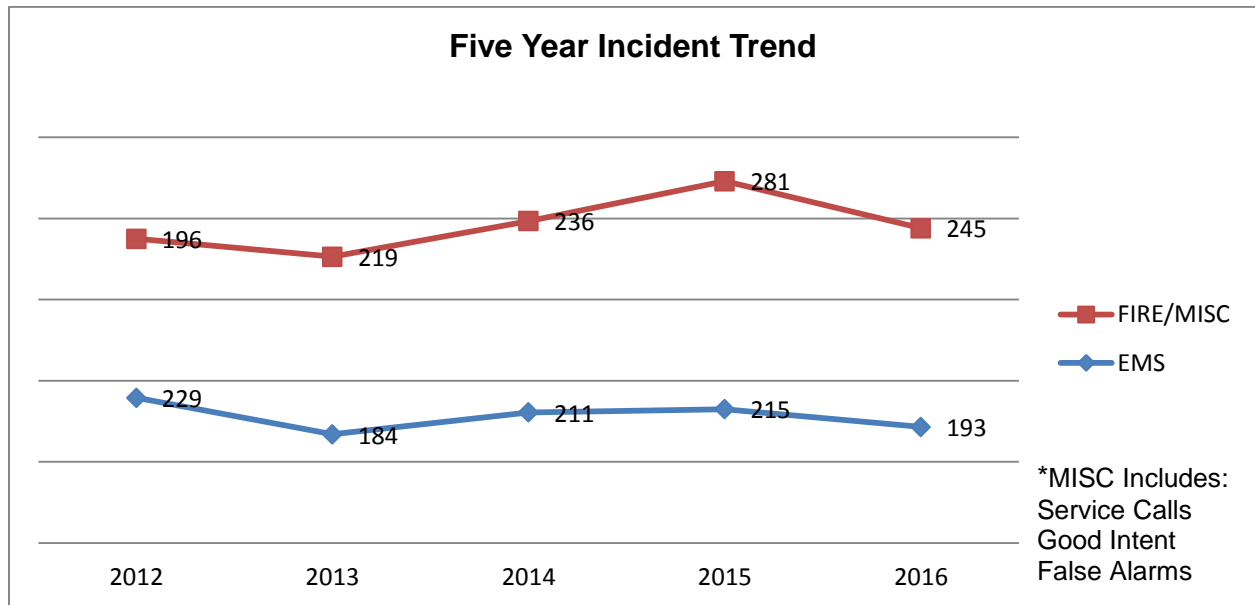
Good Intent Call: Includes dispatched and cancelled en route, authorized controlled burning, vicinity alarms (not fire alarms), smoke scare and no incident found on arrival.

False Alarm and False Call: Includes malicious alarms, bomb scares, and fire alarm system malfunctions.

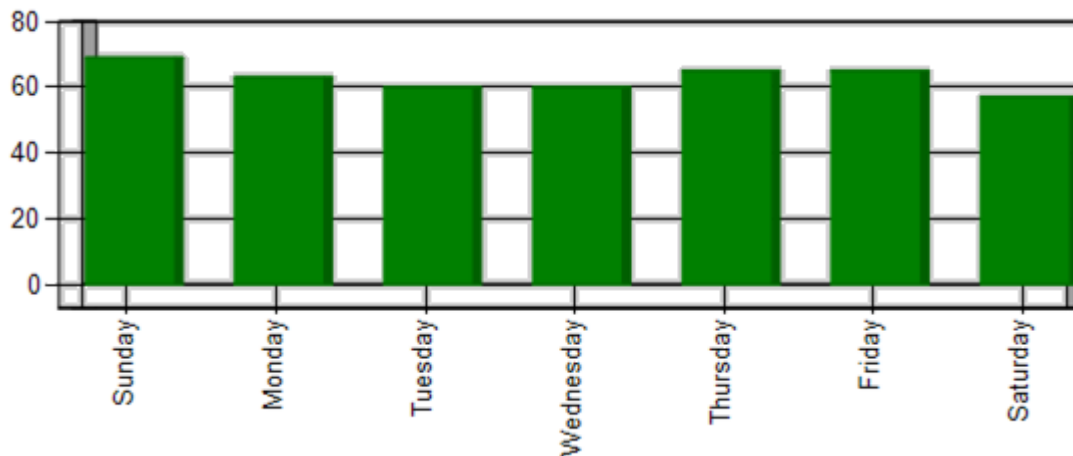
Severe Weather and Natural Disaster: Includes severe weather or natural disaster standby, earthquake, flood and windstorm/tornado damage assessment.

Special Incident Type: Includes citizen complaint, code or ordinance violations and miscellaneous uncategorized incident types.





Incidents by Day of the Week – 2016



DAY OF THE WEEK	# INCIDENTS
Sunday	69
Monday	63
Tuesday	60
Wednesday	60
Thursday	65
Friday	65
Saturday	57
TOTAL	439

Fire Incident Loss 2016

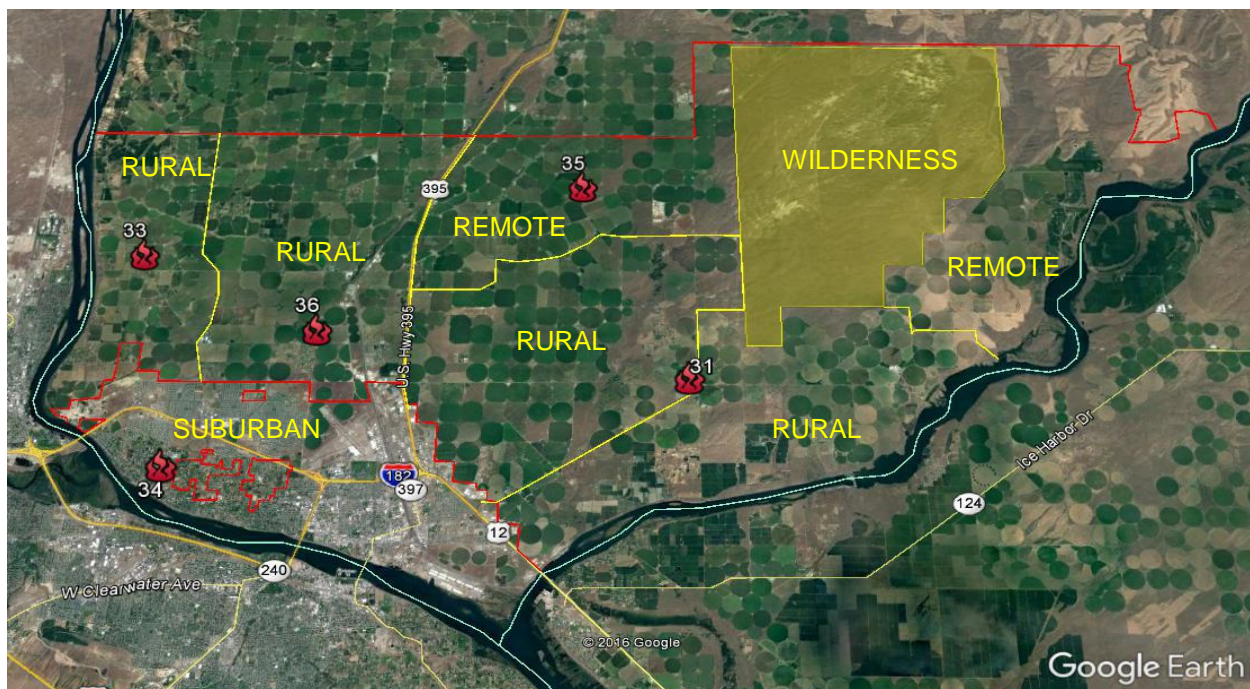


TOTAL INCIDENTS		TOTAL PROPERTY LOSS	TOTAL CONTENT LOSS	TOTAL LOSSES	AVERAGE LOSS
9		\$184,100.00	\$200,264.00	\$384,364.00	\$42,707.00
DATE	Incident Type	PROPERTY LOSS	CONTENT LOSS	TOTAL	
04/12/2016	Building fire	\$2,500.00	\$1,200.00	\$3,700.00	
04/18/2016	Fire in mobile home used as fixed residence	\$62,000.00	\$1,000.00	\$63,000.00	
05/22/2016	Cultivated vegetation, crop fire, other	\$0.00	\$29,564.00	\$29,564.00	
07/04/2016	Brush or brush-and-grass mixture fire	\$5,000.00	\$50,000.00	\$55,000.00	
07/04/2016	Brush or brush-and-grass mixture fire	\$28,600.00	\$50,000.00	\$78,600.00	
09/11/2016	Brush or brush-and-grass mixture fire	\$16,000.00	\$0.00	\$16,000.00	
09/25/2016	Cultivated grain or crop fire	\$0.00	\$38,500.00	\$38,500.00	
11/15/2016	Passenger vehicle fire	\$40,000.00	\$0.00	\$40,000.00	
12/14/2016	Building fire	\$30,000.00	\$30,000.00	\$60,000.00	

NFPA 1720 Response Times

NFPA 1720 – Standard for the Organization and Deployment of Fire Suppression Operations, Emergency Medical Operation, and Special Operations to the Public by Volunteer Fire Departments.

ZONES	POPULATION	STAFFING	TIME FRAME	MEASUREMENT
URBAN	>1000 people per square mile	15 to staff to assemble an attack	In 9 minutes	90% of the time
SUBURBAN	500-1000 people per square mile	10 staff to assemble an attack	In 10 minutes	80% of the time
RURAL	<500 people per square mile	6 staff to assemble an attack	In 14 minutes	80% of the time
REMOTE	Travel distance >8 miles or more	4 staff to assemble an attack	TBD on travel distance	90% of the time
SPECIAL RISK	Wilderness	TBD by incident	TBD on travel distance	90% of the time



Average Response Time for Apparatus Per Zone.

ZONES	E2311	E2313	E2314	E2316	A2324	A2326
SUBURBAN	N/A	15.7 min	23.7 min	14.9 min	9.0 min	13.6 min
RURAL	N/A	9.7 min	22.0 min	21.5 min	18.6 min	16.6 min
REMOTE	N/A	N/A	N/A	N/A	35.0 min	29.0 min
WILDERNESS	N/A	N/A	N/A	N/A	29.7 min	64.9 min

Duty Officers, E2361 and E2365 are not included above but show an apparatus arriving on scene in remote and wilderness zones within the 25-30 min response time.

Description Of Zones

Suburban Zones are classified as having a population of 500-1000 people per square mile. NFPA recommendation is for 10 firefighters to assemble an attack on scene in 10 minutes 80% of the time.

First in engine reliability is met only 50% of the time with 3-4 Firefighters. Additional auto-aid engines are required to meet the staffing standard of 10. Engines responding to Suburban Zones did not meet the NFPA 1720 recommendation.

Aid units responding to EMS events can meet the requirement of 15 minutes or less 80% of the time per the Southeast Washington EMS Operating Plan.

Rural Zones are classified as having a population of <500 people per square mile. NFPA recommendation is for 6 firefighters to assemble an attack on scene in 14 minutes 80% of the time.

First in engine reliability is met only 20% of the time with 3-4 Firefighters. Additional auto-aid engines are required to meet the staffing standard of 6. Engines responding to Rural Zones did not meet the NFPA 1720 recommendation.

Aid units responding to EMS events can meet the requirement of 45 minutes or less 80% of the time per the Southeast Washington EMS Operating Plan.

Remote Zones are classified as having a travel distance of 8 miles or more. NFPA recommendation is for 4 firefighters to assemble an attack on scene in a time determined by the agency having jurisdiction (AHJ) 80% of the time. In the case 25 minutes was used.

Aid units responding to EMS events can meet the requirement of "as soon as possible" 80% of the time per the Southeast Washington EMS Operating Plan.

Wilderness Zones are classified as having no population. NFPA recommendation is for 4 firefighters to assemble an attack on scene in a time determined by the agency having jurisdiction (AHJ) 80% of the time. In the case 30 minutes was used.

Four person daytime staffing, the lack of volunteers available to respond during all hours and a turnout time (*time of alarm to time in route*) in excess of 4 minutes contributes to the Fire District not meeting NFPA 1720 Recommendations Standard for the Organization and Deployment of Fire Suppression Operations, Emergency Medical Operation, and Special Operations to the Public by Volunteer Fire Departments.

Career Staff

The District operates with one Fire Chief, an Administrative Assistant, 3 career Firefighter/EMTs and 1 Firefighter/Paramedic who staff the station Monday through Friday 9 hours a day and rotate on call duty shifts daily after 4:30pm and all day on weekends and holidays.

Volunteers

Our 46 volunteers remain the backbone of the District. Without these men and women our District would have to look at new revenue sources that would greatly burden our citizens or dramatically reduce our services. These individuals must be recognized for the ever-increasing time they spend to meet minimum training and response status.



Resident Firefighters

The Resident Firefighter Program started in 2014 after we moved into the new Fire Station on Rd 36. Resident firefighters are young men and women that live in the fire station, perform duties such as maintenance, cleaning and respond to alarms. In return, our Resident Firefighters receive all the training to be an efficient and safe firefighter in structure and wildland firefighting, become Emergency Medical Technicians (EMT) and are eligible for reimbursement for college education at Columbia Basin College.

Our three resident firefighters use the dorms at Fire Station 36 as their primary residence and cover shifts, so we always have one or two firefighters on duty for the weekends, evenings and holidays to supplement the volunteer firefighters that respond during those hours. Our goal with use of the career day staff, volunteer firefighters and resident firefighters is to have 24 hour coverage for the ambulance a majority of the time.

TRAINING

Each year Franklin County Fire Protection District #3 places a large amount of training focus on health and safety of the volunteer and career staff. The largest contributing factor to firefighter deaths nationwide is heart attacks, followed by motor vehicle accidents; both private vehicles and apparatus responding to and from incidents and training. Therefore, we promote physical fitness, require bi-annual physicals and focus on drivers training.



Recruit training consists of Basic Wildland Firefighter, Emergency Vehicle Incident Prevention (EVIP), Structural Firefighting and Hazardous Materials Awareness and Operations. All of our in house or joint recruit training efforts are held at the Training Center in Kennewick with neighboring fire districts.

Annual training in the fire stations consists of refresher training in wildland fire and training in basic firefighting skills as required by the Washington State Safety Standards for Firefighters (WAC 296-305) and the National Fire Protection Association (NFPA) and Emergency Medical Services Ongoing Training and Evaluation Program (OTEP). In 2016, volunteer and career firefighters had a total of 2260 hours of training.

Training Hours for 2016

Apparatus	138.00
Driver Qualifications	144.5
EMS CBT (OTEP)	450.5
EMS – First Aid	17.0
Equipment	23.0
Evolution Drills	45.0
Hazardous Materials	85.0
Fire Hose	66.0
Incident Management	56.0
Officer Development	16.0
Recruit School	695.0
Respiratory Protection	18.0
Safety	45.5
Search and Rescue	69.0
Special Operations	87.0
Wildland Fire Suppression	304.5
TOTAL	2260

PUBLIC EDUCATION

The Fire District continues to reach out to the community through participation with our community partners. This year we expanded our public education programs to Edwin Markham Elementary under a Memorandum of Understanding with Franklin County Fire Protection District #5. We have started building our relationship with Pasco Fire Department and their public education program. Ruth Livingston and McLaughlin schools would like to continue the programs and relationship they have with the Fire District, despite being annexed into the city. We have been working with Pasco Fire to continue programs and share resources across the city and public events.

The Fire District also started a county-wide addressing program to place fiberglass address posts at driveways and in front of residents' homes without visible addresses. Funding for the project came from grant dollars passed through Franklin County Emergency Management under the Community Wildland Fire Protection Program



CAPITAL PURCHASES



2015 Boise Mobile Equipment
Freightliner Water Tender
2500 gallons water
30 gallons foam
500 gallon per minute pump

Purchase Price with Tax
\$186,571.62



2016 Command Vehicle
Chevrolet Tahoe 4X4

Purchase Price with Tax
\$56,535.65



2016 Cascade Fire Equipment
Wildland Engine
Ford F-550 4X4
400 gallons water
15 gallons foam
125 gallon per minute pump

Purchase Price with Tax
\$134,694.66

ADMINISTRATION

Financial

The Fire District continues to operate on a levy amount of no more than \$1.50/1000 assessed value, and allowing an increase of up to 5% per year rather than the 1% per year increase allowed by statute, that was passed in 2013 for collection in 2014 and will continue through 2019.

The levy rate for taxes to be collected in 2016 based on assessed value of \$1,285,027,519.00 for properties obligated for non-voted bonds issued by the District in 2012 is approximately \$0.06 per \$1,000 of assessed value, and the levy rate for taxes to be collected in 2016 based on assessed value of \$994,771,396.00 for properties within the current boundaries of the District is approximately \$1.37 per \$1,000 of assessed value.

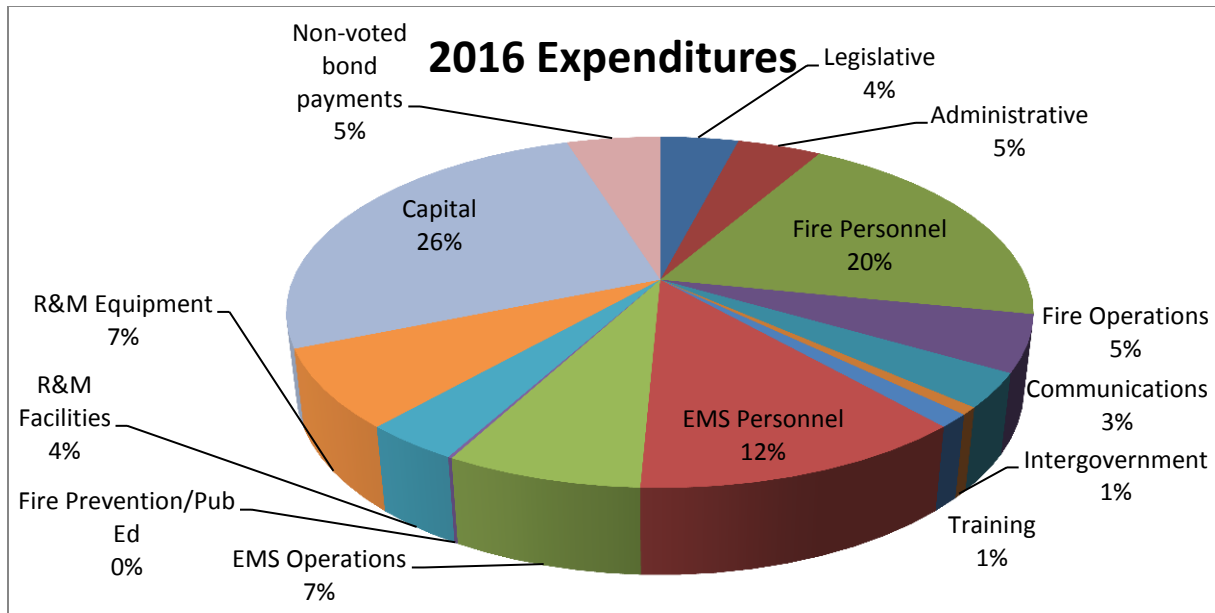
The Fire District issued general obligation bonds for construction of the addition to Station 36 in the amount of \$1,015,000.00. An annual payment of principal and interest was made in 2016 for \$79,372.50. The bond debt service will be paid off in 2027 at a value of \$1,224,451.38, which is \$1,015,000 principal plus \$209,451.38 interest calculated at 2.4% per annum.

Current Expense and Reserves

Ending 2016	Cash on hand
Expense Fund	\$1,306,859.39
Reserve Fund	\$80,140.16
Dept Service Fund	\$9,266.85
Total Cash on hand 12/31/16	\$1,396,266.40



2016 Annual Expenditures



	2016 Expenditures
Legislative	\$66,289.15
Administrative	\$71,016.59
Fire Personnel	\$323,377.69
Intergovernment	\$11,365.00
Communications	\$51,716.88
Training	\$20,230.12
EMS Personnel	\$201,064.35
EMS Operations	\$117,315.28
Fire Prevention/Pub Ed	\$2,393.35
Capital	\$431,186.10
Non-voted bond payments	\$79,372.50
R&M Facilities	\$57,822.04
R&M Equipment	\$119,003.65
Fire Operations	\$85,142.13
Total	\$1,637,294.83

Grants

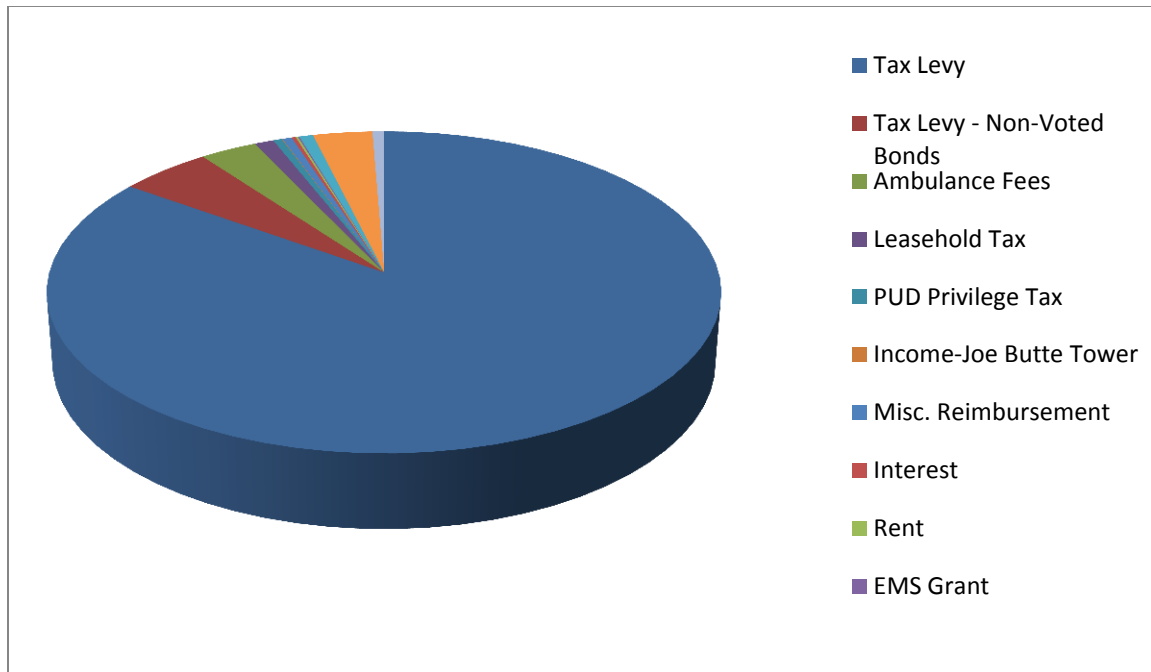
The Fire District received two grants in 2016. Volunteer Fire Assistance Grants Administered by Washington State Department of Natural Resources (DNR) through funding from the U.S. Department of Agriculture, provided a 50 percent match for purchases of personal protective equipment and up to \$12,000.00 match for purchase of general equipment.

The Volunteer Fire Assistance Grant Program is administered in two phases annually: Phase 1 Grant – Personal Protective Equipment (PPE) and other fire equipment can be acquired annually through DNR fire cache at a 50% cost savings. The fire district purchased wildland PPE at a value of \$3,869.16

Phase 2 Grant – Provides funding up to \$12,000 for several project types including fire equipment, communications, training, prevention and more. The Fire District paid for a portion of the new wildland engine with the Phase 2 Grant.



2016 Annual Revenue



	Revenue
Tax Levy	\$1,370,394.64
Tax Levy - Non-Voted Bonds	\$80,244.48
Ambulance Fees	\$49,939.51
Leasehold Tax	\$16,783.09
PUD Privilege Tax	\$7,725.26
Income-Joe Butte Tower	\$567.84
Misc. Reimbursement	\$8,353.24
Interest	\$3,472.58
Rent	\$2,022.11
EMS Grant	\$1,290.00
DNR Grant	\$12,000.00
Fire Prot. Services - State Mobe	\$51,764.66
Sale of Assets	\$10,308.36
Total Revenue	\$1,614,865.77

SUMMARY

The Fire District had a successful year in training, incidents and public education activities. In addition, the District remains active within the community by participating in various events, as well as working with our neighboring fire agencies on a daily basis. Our relationship with those agencies remains strong and a priority to the District.

With annexation decreasing our assessed value and the demand for service increasing for both the Fire District and the City of Pasco, we had some innovative short-term goals for 2016. We worked with our neighbors to complete an Interlocal Agreement for response with the City of Pasco, Walla Walla Fire District #5 and all fire departments in Benton County. This agreement allows the Fire District to share, under automatic aid, fire resources back and forth across the river in Benton and Franklin Counties.

Our relationship with all three of the Tri-Cities and our neighboring fire districts continues to improve as we all recognize that we cannot handle all major emergencies alone. Our Mutual Aid Agreement is now an Automatic Aid Agreement and is based on the premise: **it's not about us, but the community we all serve.**

