

Franklin County Fire
Protection District #3
2017 ANNUAL REPORT



MISSION STATEMENT

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



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LETTER FROM THE CHIEF

On behalf of the members of Franklin County Fire Protection District #3, I am pleased to present the Fiscal-Year 2017 Annual Report. The annual report provides an overview of the past year as well as the District in general. We take tremendous pride in sharing our successes and interactions with our community



Franklin County Fire Protection District #3 provides 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 District 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 saw an increase of 15% in responses in 2017 from 2016, and the demands for service and hours spent by career and volunteers on the emergency responses continue to increase. Our career and volunteer firefighters spent 5,000 hours in training and on scene of emergencies. 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". The signature is written in a cursive, flowing style.

Mike Harris
Fire Chief

FIRE DISTRICT OVERVIEW



Franklin County Fire Protection District #3 (FCFD#3) protects 205 square miles and 7,186 people with a seasonal transient farm worker population of about 1,800. FCFD#3 is a combination district operating 4 stations. Our current staffing for administration consists of a paid Fire Chief, an Administrative Assistant and a part time Training Specialist. Operations is staffed by a career Captain responsible for training and safety, a career Firefighter Maintenance Supervisor, a career Firefighter/EMT, and a career Firefighter/Paramedic, which are part of the International Association of Firefighters Local 4965. Volunteer operations consist of 51 Paid On-Call Responders ("volunteers"); 22 are Firefighter/EMT's, 14 are Firefighters, 4 Support Firefighters (wildland qualified only), 5 Medical Responders (EMT and AEMT) and 6 non-line qualified Logistics.

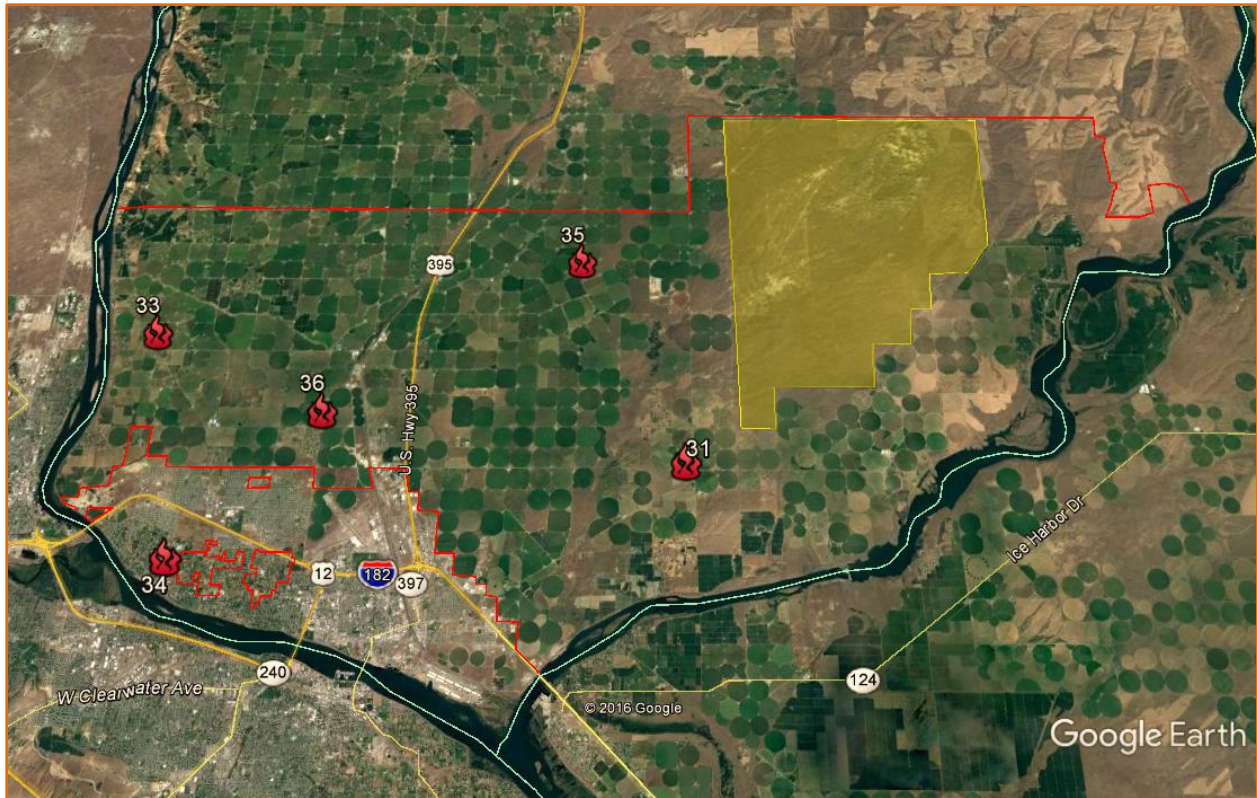
FCFD#3 is in the heart of the Columbia Basin in Southeast Washington State and includes unincorporated portions surrounded by the city limits of Pasco. Our county has a population of 86,638 according to the 2010 census. This is an agribusiness- dependent region which grows a large amount of the nation's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

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.

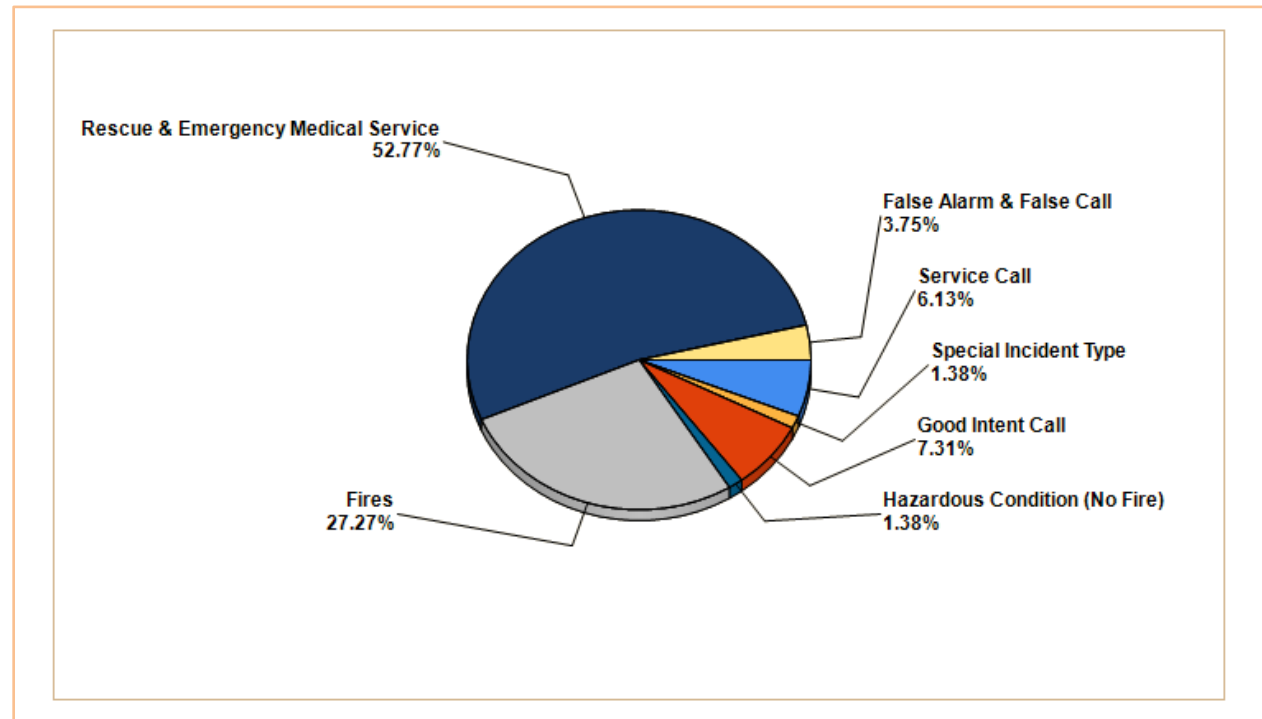
Fire District #36
7809 Rd 36 N



OPERATIONS

Breakdown and Description of Major Incident Types

The Fire District responded to 506 calls for service in 2017, up 66 calls over 2016. Part of the change in call volume was related to an increase in EMS calls (>74). The Fire District's five-year trend continues to stay between 450 and 500 alarms per year.



	# INCIDENTS	% of TOTAL
Fires	138	27.27%
Rescue & Emergency Medical Service	267	52.77%
Hazardous Condition (No Fire)	7	1.38%
Service Call	31	6.13%
Good Intent Call	37	7.31%
False Alarm & False Call	19	3.56%
Special Incident Type	7	1.38%
TOTAL	506	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.

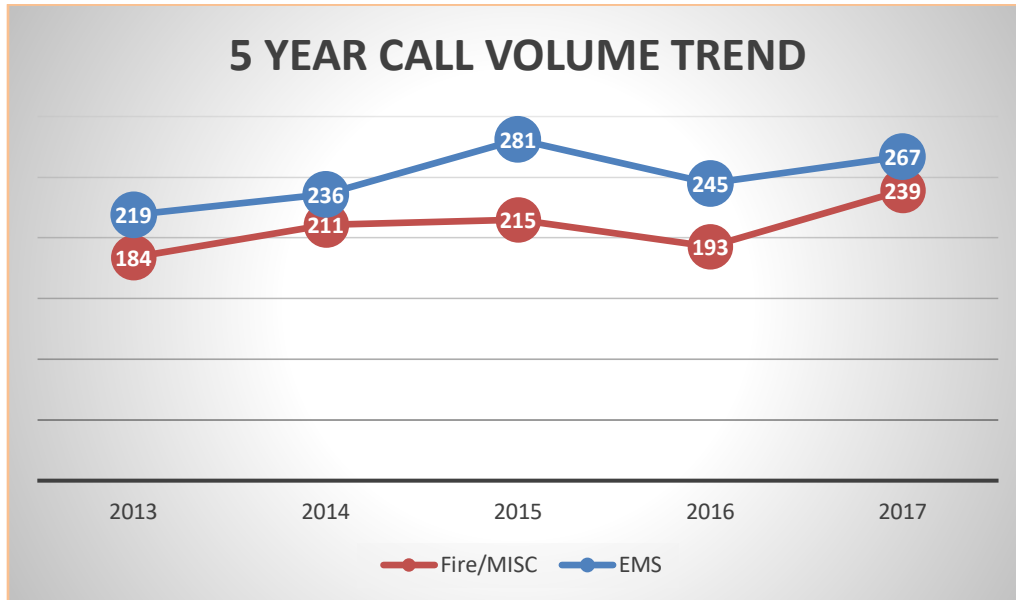
Good Intent Call: Includes dispatched and cancelled en route, authorized controlled burning, vicinity alarms (not fire alarms), smoke scare and no incident found on arrival.

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

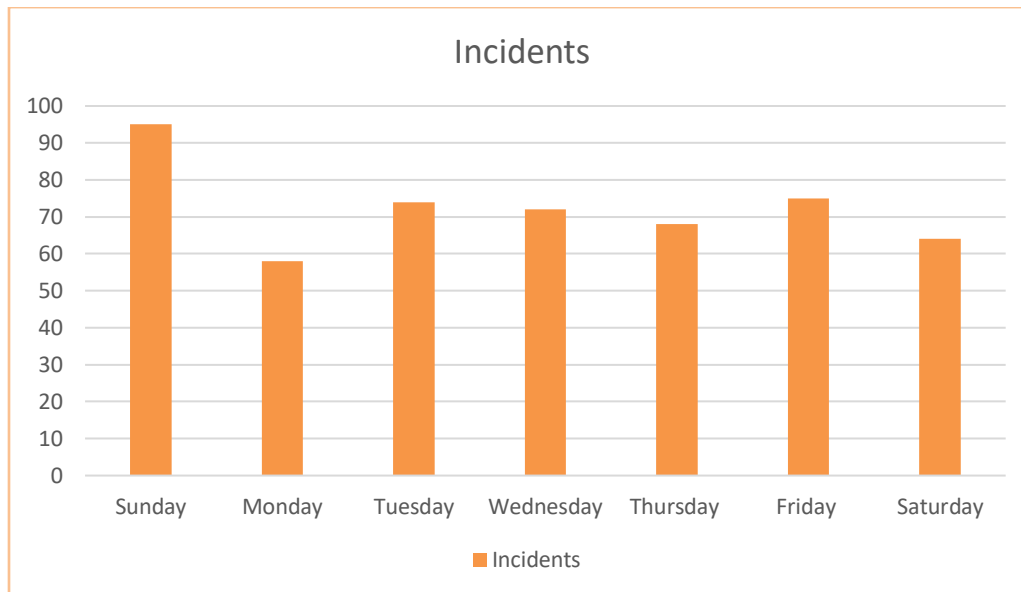
Severe Weather and Natural Disaster: Includes severe weather or natural disaster standby, earthquake, flood and windstorm/tornado damage assessment.

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





Incidents by Day of the Week – 2017



DAY OF THE WEEK	# INCIDENTS
Sunday	95
Monday	58
Tuesday	74
Wednesday	72
Thursday	68
Friday	75
Saturday	64
TOTAL	506

Fire Incident Loss 2017



TOTAL INCIDENTS	TOTAL PROPERTY LOSS	TOTAL CONTENT LOSS	TOTAL LOSSES	AVERAGE LOSS for 2017
3	\$247,000.00	\$0.00	\$247,000.00	\$82,333.00
DATE	Incident Type	PROPERTY LOSS	CONTENT LOSS	TOTAL
04/19/2017	Off-road vehicle or heavy equipment fire	\$150,000.00	\$0.00	\$150,000.00
07/13/2017	Off-road vehicle or heavy equipment fire	\$62,000.00	\$0.00	\$62,000.00
10/15/2017	Building fire	\$35,000.00	\$0.00	\$35,000.00

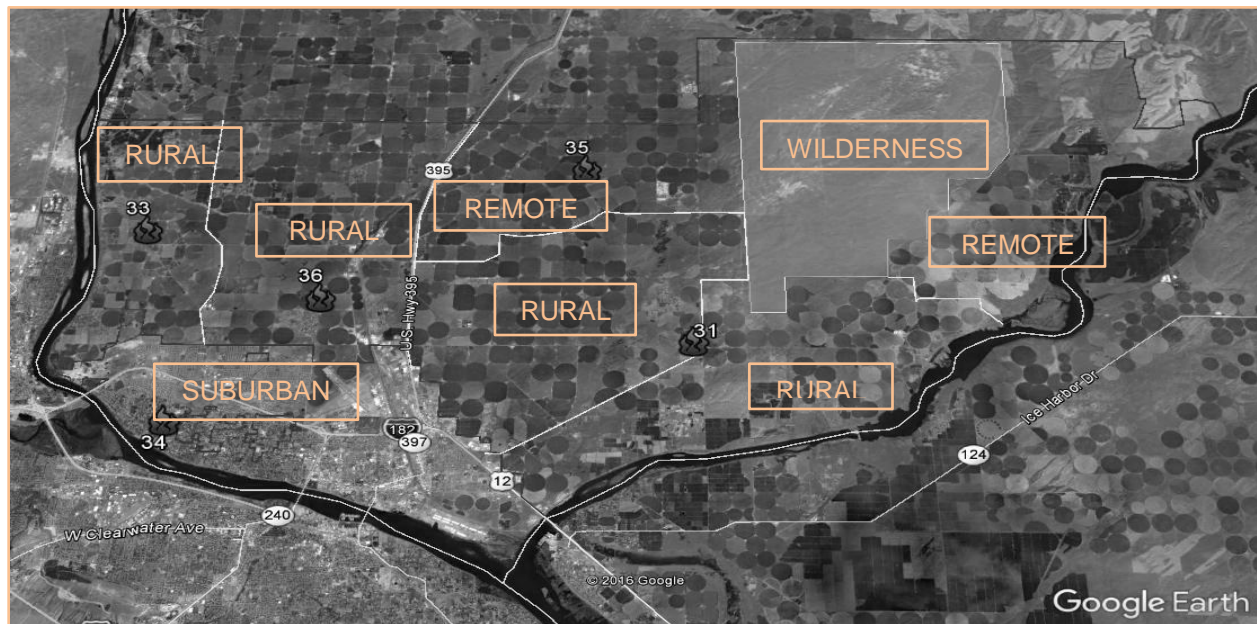


Table 1

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



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.

Apparatus Statistics

Apparatus	Average Turnout Time	Average Personnel Assigned	Incidents With Patients	Incidents Without Patients	Total
A2324	4:26	2.0	87	29	116
A2326	5:03	2.5	208	56	264
AT231	4:51	2.0	2	0	2
AT233	38:27	1.5	2	5	7
CH231	4:51	1.0	33	56	89
DO233	2:49	1.0	176	119	295
E2311	8:01	3.0	2	3	5
E2313	10:58	2.3	54	38	92
E2314	4:18	1.5	70	41	111
E2316	7:22	4.5	72	95	167
E2351	10:15	1.5	10	11	21
E2354	12:06	2.0	3	26	29
E2361	4:00	1.0	20	15	35
E2362	2:41	2.0	8	22	30
E2363	7:41	2.0	9	39	48
E2365	4:03	1.0	13	24	37
E2366	4:52	1.0	18	62	37
R2346	9:00	1.5	25	9	34
T2321	1:04	1.0	0	10	10
UT231	0:43	1.0	9	3	12
UT232	0:02	1.0	3	0	3
UT233	11:16	1.5	7	6	13
UT234	12:01	1.5	2	2	4
W2321	13:24	1.0	0	10	10
W2322	11:22	1.0	0	16	16
W2324	5:33	1.0	1	19	20
W2326	14:11	1.5	1	57	58

Average Response Time for Station (Zone) and Apparatus.

ZONES		E2311	E2313	E2314	E2316	A2324	A2326	BS234	DO
Station 31	Rural	N/A	N/A	18.2	23.6	18.7	24.4	22.3	20.2
Average Min				min	min	min	min	min	min
Compliance				90%	90%	80%	90%	90%	90%
Station 33	Rural	N/A	N/A	8.2 min	12.2	9.8 min	16.0	16.7	14.0
Average Min					min		min	min	min
Compliance				0%	0%	90%	90%	90%	90%
Station 34	Suburban	N/A	N/A	9.8	17.3	8.9	12.2	18.0	11.2
Average Min				min	min	min	min	min	min
Compliant				0%	0%	90%	90%	90%	90%
Station 35	Remote	N/A	N/A	N/A	16.5	15.0	18.7	17.6	16.4
Average Min					min	min	min	min	min
Compliance					50%	90%	90%	90%	90%
Station 36	Rural	19.5	10.1	N/A	14.5	17.6	7.9	10.5	15.0
Average Min		Min	Min		min	min	min	min	min
Compliance		0%	0%		0%	90%	90%	90%	50%
BLM	Wilderness	N/A	N/A	N/A	N/A	29.7	34.7	37.5	25.8
Average Min						min	min	min	min
Compliance						80%	80%	50%	90%
<i>E2361 and E2365 are not included above but show an apparatus arriving on scene in remote and wilderness zones within the 10-25 min average response time.</i>									

How to read the above table.



For Effective Fire Ground Operations. An engine company responding to a suburban zone has to have 10 firefighters assembled in 10 minutes 80% of the time to effectively initiate fire ground operations per NFPA 1720 Table 1. The average response time to the suburban zone for Engine 2314 is below the 10-minute average but does not have the 10 personnel available to effectively begin safe fire ground operations. Therefore, they are compliant and get a 0%.

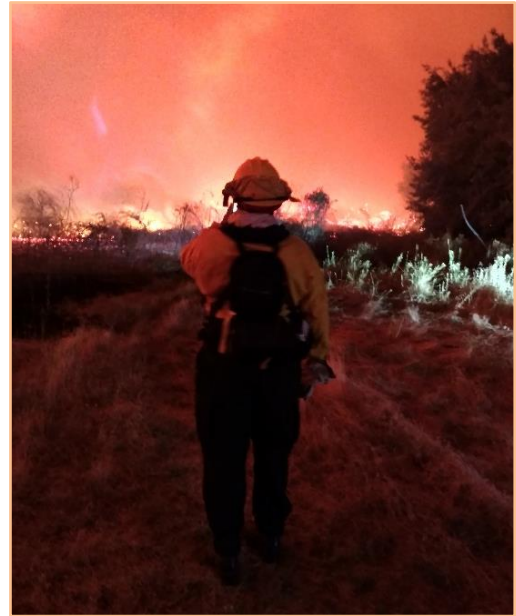
However, the Aid Unit and Duty Officer which is an Emergency Medical Technician arrives 90% of the average time under the required State response guidelines to initiate aid.

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 51 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 remodeled 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 responding 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 2017, volunteer and career firefighters had a total of 1998 hours of training.

Training Hours for 2017

Apparatus	138.0
Driver Qualifications	144.5
EMS CBT (OTEP)	304.5
EMS – First Aid	18.0
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	20.5
Search and Rescue	69.0
Special Operations	87.0
Wildland Fire Suppression	233.0
TOTAL	1998

PUBLIC EDUCATION



The Fire District continues to reach out to the community through participation with our community partners. We continue to support Pasco Fire Department with 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 in 2016 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.

In September, the volunteer Firefighters Association for Franklin County Fire District #3 teamed up the Tri-County Firefighters IAFF Local 4965 in the 3rd annual Smoke and Fire BBQ Competition. This year the event was held at Columbia Grange on Road 60 and Court Street in Pasco and was a successful community outreach program that involved another local fire district from Benton County, Franklin County Sheriff's Office, Washington State Patrol and US Coast Guard. In total the event raised \$4,000 for the Helping Hands Fund

Fire District members cut apart a car in a demonstration for the public at the annual Smoke and Fire BBQ Competition.



CAPITAL PURCHASES



KemTek Research
Quick Response Med Unit
2017 Honda 1000cc Pioneer

Purchase Price with Tax
\$25,374.84



2018 Command Vehicle
Ford F-150 4X4
Whelen LED Light Package

Purchase Price with Tax
\$48,518.22



2017 Maintenance Vehicle
Ford F-450 4X4
Whelen LED Light Package
Western 8' Snow Plow

Purchase Price with Tax
\$82,719.70



2017 Boise Mobile Equipment
Wildland Engine
Ford F-550 4X4
400 gallons water
15 gallons foam
125 gallons per minute pump

Purchase Price with Tax
\$143,375.12

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. A levy was passed in 2013 to allow the 5% increase per year beginning with tax collections in 2014 that will continue through 2019.

The levy rate for taxes collected in 2017 is based on properties within the current boundaries of the District with assessed value of \$1,135,265,004.00. The fire district's current levy is approximately \$1.36 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 2017 for \$83,652.50. 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	\$1,373,835.63
Reserve Fund	\$80,140.16
Debt Service Fund	\$11,271.18
Total Cash on hand	
12/31/17	\$1,465,246.97



2017 Annual Expenditures

	Budget	Expense	Debt Service
Legislative	\$58,390.00	\$60,891.87	
Administration	\$93,456.89	\$72,691.90	
Fire Personnel Salary	\$297,886.03	\$289,069.22	
Fire Personnel Benefits	\$104,944.12	\$96,026.97	
Intergovernmental	\$12,300.00	\$11,943.00	
Communications	\$78,275.50	\$67,462.45	
Training	\$36,050.00	\$22,297.56	
Awards/Recruiting	\$2,200.00	\$6,021.11	
EMS Personnel	\$183,065.16	\$154,212.40	
EMS Personnel Benefits	\$67,700.67	\$57,383.24	
EMS Operations	\$79,979.54	\$64,327.33	
Fire Prevention/Pub Ed	\$3,000.00	\$2,555.27	
Capital	\$587,935.00	\$574,908.80	
R&M Facilities	\$57,471.00	\$72,825.29	
R&M Equipment	\$58,850.00	\$57,671.58	
Fire Operations	\$97,477.00	\$81,520.31	
Bond Payment	\$65,000.00	\$0.00	\$65,000.00
Bond Interest	\$18,652.50	\$0.00	\$18,652.50
Total	\$1,902,633.41	\$1,691,808.30	\$83,652.50
Budget Remaining		\$127,172.61	
Percent Budget Expended		93.3%	



Grants

The Fire District received three grants in 2017. 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. An EMS training grant offered by Washington State Department of Health and a regional training grant through the Assistance to Firefighter Grant program offered by FEMA.

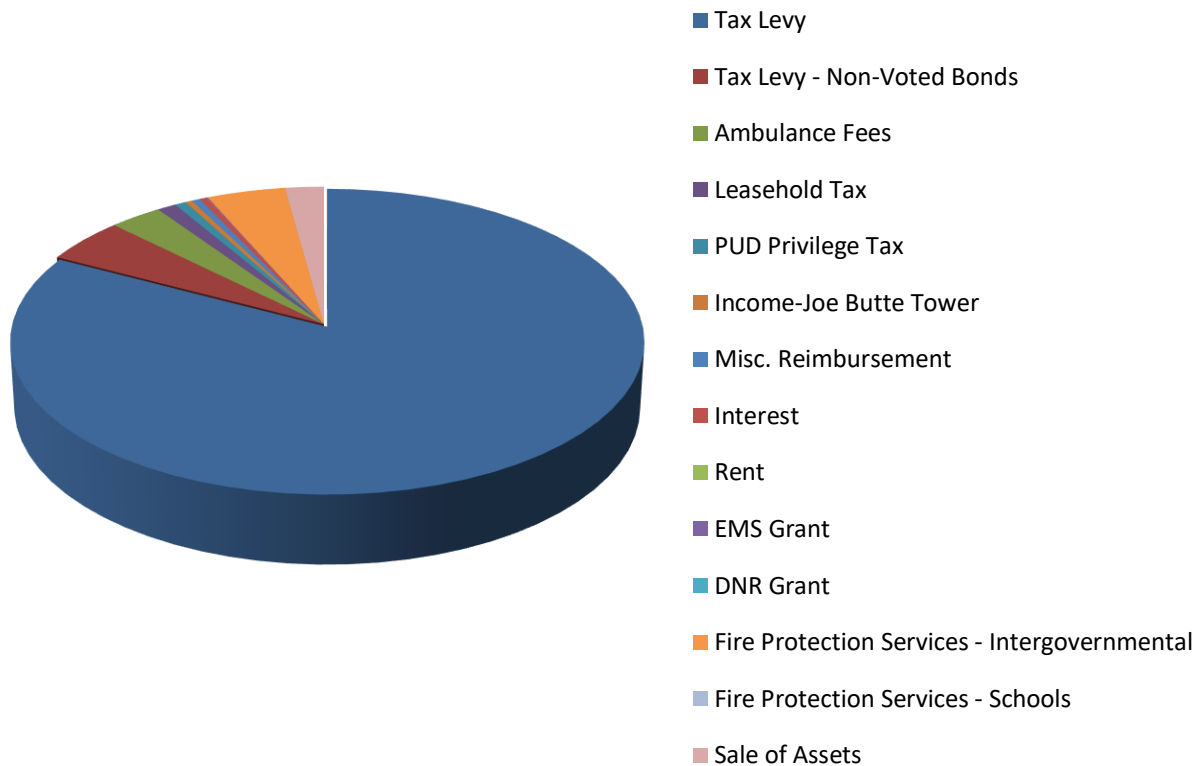
The Volunteer Fire Assistance Grant Program is administered in two phases annually: Phase 1 Grant – Personal Protective Equipment (PPE) and other fire equipment can be acquired annually through DNR fire cache at a 50% cost savings. The Fire District purchased wildland PPE at a value of \$3,869.16.

The EMS training grant provides approximately \$1,250.00 annually to augment our EMS training program.

The Assistance to Firefighter Grant (AFG) was a regional grant applied through FEMA on behalf of the Tri-City area fire departments and districts. The training grant is worth \$500,000 with a 10% local match to place fire lab burn props strategically in Benton County and Franklin County for regional training.



2017 Annual Revenue



	Revenue
Tax Levy	\$1,487,210.28
Tax Levy - Non-Voted Bonds	\$84,618.92
Ambulance Fees	\$53,518.36
Leasehold Tax	\$19,380.28
PUD Privilege Tax	\$11,355.99
Income-Joe Butte Tower	\$7,074.98
Misc. Reimbursement	\$8,556.40
Interest	\$7,094.89
Rent	\$140.00
EMS Grant	\$1,270.00
DNR Grant	\$0.00
Fire Protection Services - Intergovernmental	\$79,589.26
Fire Protection Services - Schools	\$350.00
Sale of Assets	\$38,539.88
Total Revenue	\$1,798,699.24

SUMMARY

The Fire District had a successful 2017 in training, incidents and public education activities. In addition, the District remains active within the community by participating in various events, and working with our neighboring fire agencies on a daily basis. Our relationship with those agencies remains strong and a priority to the District.

With the increase in population in our District and neighboring communities, the demand for service continues to increase not only for us, but our neighbors. Cooperating with the City of Pasco, Walla Walla Fire District #5 and the fire agencies in Benton County strengthens your fire district and make us an integral part of the Tri City first response community.

No single fire agency can handle all major emergencies alone or afford to maintain our own training facility. Our Automatic Aid Agreement allows us to collaborate regionally and is based on the premise: **it's not about us, but the community we all serve.**

