



AMERICAN CANYON FIRE PROTECTION DISTRICT



***2016
ANNUAL REPORT***

Table of Contents

Mission Statement.....	2
Fire Chief Message.....	3
District Career Staff.....	5
Fire District Fund Summary.....	6
Fire Administration.....	7
JPA Summary.....	10
Human Resources.....	11
Customer Service Rating.....	13
Fire Operations	14
Incident Summary (Total).....	16
Incident Summary (In District).....	17
Reason for Delayed Responses.....	18
Mutual Aid Summary.....	19
Industrial Area Incident Summary Map.....	21
NE Area Incident Summary Map.....	22
NW Area Incident Summary Map.....	23
SE Area Incident Summary Map.....	24
SW Area Incident Summary Map.....	25
Vehicle Accident Summary Map.....	26
Statewide Mutual Aid Strike Team Deployment.....	27
Emergency Medical Services Overview.....	29
Summary of Medical Incident Type.....	30
Urban Search & Rescue.....	32
Fire Training.....	34
Training Summary Report.....	36
Classes Hosted by the District.....	37
Fire Prevention.....	38
Public Education Event Summary by Month.....	40
Public Education Summary Graph.....	44
2016 Heart Safe Community.....	45
Apparatus Maintenance / Repair Summary.....	47
Facilities Maintenance / Repair Summary.....	51

MISSION STATEMENT

Our mission is to provide reliable and progressive emergency response while seeking opportunities to make a positive difference in the lives of the people and the community we serve.

Vision

Our vision is to be an exceptional organization delivering high quality services utilizing sustainable best practices.

We will continuously improve and grow with the community as a positive, healthy and cohesive team.

Core Values

Mutual Respect

Integrity

Responsibility

Empathy

Kindness

Empowerment

Dedication

Adaptable

Transparency

Professionalism



AMERICAN CANYON FIRE PROTECTION DISTRICT

**GLEN E WEEKS
FIRE CHIEF**

**911 DONALDSON WAY, EAST
AMERICAN CANYON, CA. 94503
Phone 707-551-0650 Fax 707-642-0201**

**Blake Lawson
Assistant Fire Chief**

March 1, 2017

Leon Garcia, Chairman
Mark Joseph, Vice-Chair
Mariam Aboudamos, Boardmember
Kenneth Leary, Boardmember
David Oro, Boardmember

Mr. Chairman and Members of the Board,

On behalf of all of the members of the American Canyon Fire Protection District, I am pleased to present you with the 2016 Annual Report.

This document reports on the American Canyon Fire Protection District activities for the calendar year from January 1, 2016 through December 31, 2016.

We responded to 1710 total incidents in the 2016 calendar year. District personnel also responded to 8 major wildland fires throughout the State of California during the 2016 severe drought induced fire season.

It is a privilege to serve the community and visitors of American Canyon. Our members are committed to providing service with excellence. We feel that we do a lot with a little and will continue to be creative in continuously finding ways to improve while maintaining financial stability. The achievements presented to you in this report demonstrate our commitment to the public.

Sincerely,

Glen E. Weeks
Fire Chief

THIS PAGE INTENTIONALLY LEFT BLANK

2016 American Canyon Fire Protection District Personnel



Martha Banuelos
*Fire Executive Assistant/
Office Administrator*



Glen E. Weeks
Fire Chief



Blake Lawson
Assistant Fire Chief



Kameryn Ray
Administrative Clerk I



Ron Prettyman
Captain/Paramedic



Dave Medina
Captain



Matt Churchman
Captain/Paramedic



Jamie Bryant
Captain



Jose Martin
Captain



Josh Cordeiro
Captain/Paramedic



Kent Barnes
Firefighter/Paramedic



Mark Cia
Firefighter



Max Etchieson
Firefighter/Paramedic



Kenneth Diedo
Firefighter



Eric Costello
Firefighter/Paramedic



Chad Pilkington
Firefighter/Paramedic



Chris Bartow
Firefighter/Paramedic



Shanon Shaw
Firefighter/Paramedic



Maksim Matushevskiy
Firefighter

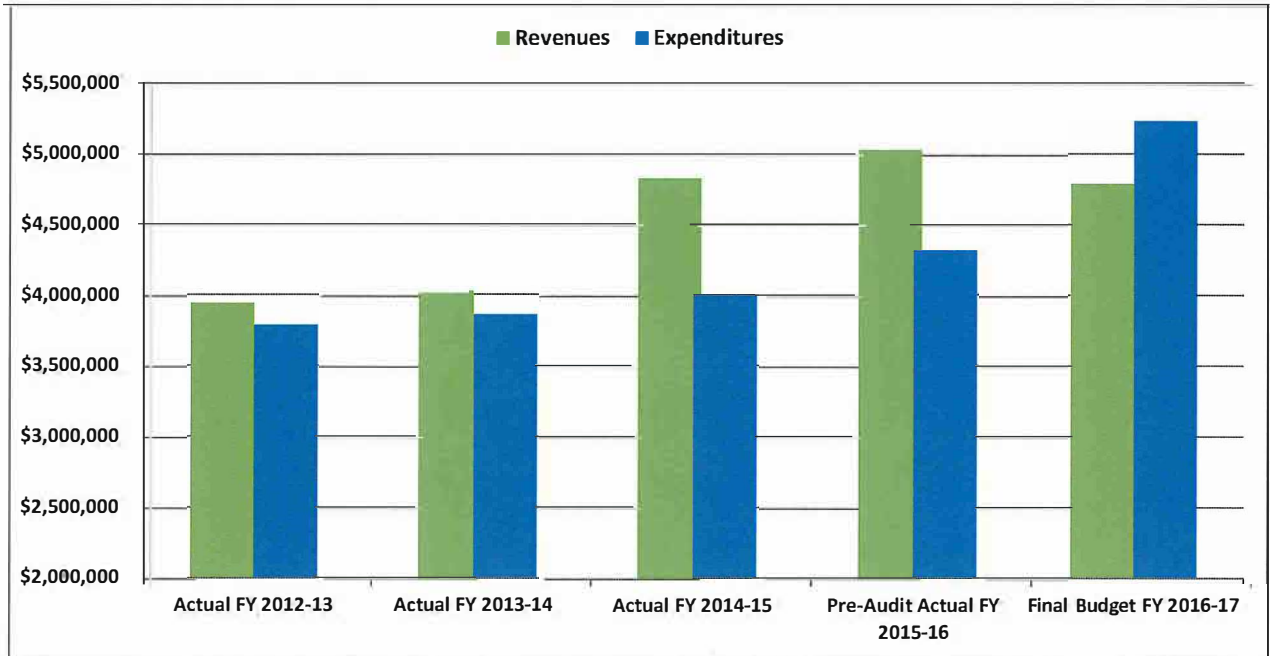


Ryan Crane
Firefighter

Fire District Fund Summary*

*Excludes interfund transfers

	Actual FY 2012-13	Actual FY 2013-14	Actual FY 2014-15	Pre-Audit Actual FY 2015-16	Final Budget FY 2016-17
Expenditures					
Personnel	\$ 2,931,711	3,303,533	3,366,604	3,764,845	\$ 3,865,160
Supplies & Services	830,065	510,190	591,467	472,437	579,500
Debt Service	-	-	-	-	-
Capital Outlay	25,166	45,915	37,593	74,921	787,500
Total for Department	\$ 3,786,942	3,859,638	3,995,664	4,312,203	\$ 5,232,160
Revenues / Funding Sources					
Property Taxes	\$ 3,007,828	3,109,213	3,340,741	3,588,245	\$ 3,763,819
Fire Assessment Fee	337,785	588,405	596,670	606,929	597,000
Fire Mitigation Fee	13,036	830	401,335	79,858	170,000
Interest Earnings	5,609	7,839	11,727	18,522	12,854
State OES Reimbursement	178,437	96,693	186,841	478,931	-
Other	399,067	221,478	301,411	267,447	243,900
Total Department Funding Sources	\$ 3,941,762	4,024,458	4,838,725	5,039,933	\$ 4,787,573



Note: From the District FY2016/17 Budget Document Published 10/24/16.
Graph includes one time capital purchases for FY16/17 Budget including Type 3, Type 6 engines, needed fire equipment and replacement of 6 apparatus bay doors (787,500). The budget was further amended on March 7, 2017, (not reflected on this original budget document).

FIRE ADMINISTRATION

➤ Administrative Projects Completed in 2016

District Board Actions 2016

- American Heart Month; February 2, 2016, *Proclamation*
- Certificate of Achievement awarded to Fire Captain Dave Medina: April 5, 2016, *Proclamation*
- Receive and file the 2015 Fire District Annual Report; April 5, 2016, *Staff Report and Receive and File Annual Report*
- Mid-Year Budget Review of District Finances for Fiscal Year 2015-2016; April 5, 2016, *Presentation, Staff Report*
- Adopt the Draft 2015-2020 Strategic Plan; April 5, 2016, *Resolution 2016-01 and Staff Report*
- Authorize the Fire Chief to execute an agreement for consulting services between the District and Kenneth R. Campo, CPA; April 5, 2016, *Resolution 2016-02 and Staff Report*
- Authorize purchase and sale agreement with HME for the purchase of a replacement Type 3 Fire Engine; approve an appropriation from the Fire Mitigation Fund and declaring a 1999 International West-Mark Fire Engine as surplus and authorizing the disposal by sale or public auction; April 5, 2016, *Resolution 2016-03 and Staff Report*
- Workshop to review the proposed Preliminary Operating Budget for Fiscal Year 2016-2017; May 19, 2016, *Staff Report*
- Adopt the Preliminary Operating Budget for FY 2016-2017; June 07, 2016, *Resolution 2016-04 and Staff Report*
- Authorize the purchase and installation of apparatus doors for the 911 Donaldson Way Station; June 7, 2016 *Resolution 2016-05 and Staff Report*
- Establish the Appropriations Limit for the Fiscal Year 2016-2017; June 21, 2016; *Resolution 2016-06 and Staff Report*

- Fire Mitigation Fee COLA Adjustment for Fiscal Year 2016-2017; June 21, 2016, *Resolution 2016-07 and Staff Report*
- Update restatement of the MetLife Defined Contribution Prototype Plan; June 21, 2016, *Resolution 2016-08 and Staff Report*
- Adopt Fire Service Fees for Fiscal Year 2016-2017; June 21, 2016, *Resolution 2016-09 and Staff Report*
- Appointment of Community Member to the Fire Service Board of Review, June 21, 2016, *Staff Report*
- *Receive and File Fire District Treasurer Report for the Month Ended June 30, 2016; August 2, 2016, Staff Report*
- Fire Service Fee Board of Review received submission of appeals of annual fire assessment calculation; *August 25, 2016*
- Badge Pinning Ceremony and Swearing In of new Firefighters; August 30, 2016; *Presentation*
- Adopt a Purchasing Policy, August 30, 2016, *Resolution 2016-10 and Staff Report*
- Strategic Plan Progress Report; August 30, 2016, *Staff Report*
- Adopt Final Operating and Capital Budgets for Fiscal Year 2016-2017; September 20, 2016, *Resolution 2016-11 and Staff Report*
- CalPERS Retiree Healthcare Fixing the Employers Contribution; October 4, 2016, *Resolution 2016-12 and Staff Report*
- Authorize a Purchase and Sale Agreement for the purchase of a replacement Type 6 Fire Apparatus; October 18, 2016, *Resolution 2016-13 and Staff Report*
- Approve First Amended Joint Powers Agreement of Fire Districts Association of California Employment Benefits Authority; October 18, 2016, *Agreement and Staff Report*
- Introduction and First Reading by Title Only of an Ordinance Adopting by Reference the 2016 Editions of California Code of Regulation Title 24 and Related Model Codes with Appendices and Amendments as Identified Herein through Express Findings of Local Necessity; Repealing Ordinance 2013-02 of the American Canyon Fire Protection District (“District”) and all Other Ordinances

and Parts of Ordinances in conflict therewith; November 1, 2016; *Ordinance 2016-01 and Staff Report*

- Waive second reading, read by title only and adopt an Ordinance adopting by reference the 2016 Editions of the California Code of Regulations Title 24 and related model codes with appendices and amendments as identified herein through Express Findings of Local Necessity; repealing Ordinance 2013-02 of the American Canyon Fire Protection District (“District”) and all other ordinances and parts of ordinances in conflict therewith; November 15, 2016, *Ordinance 2016-01 and Staff Report*
- City of American Canyon / American Canyon Fire Protection District “HeartSafe Community” Designation, December 6, 2016, *Presentation*

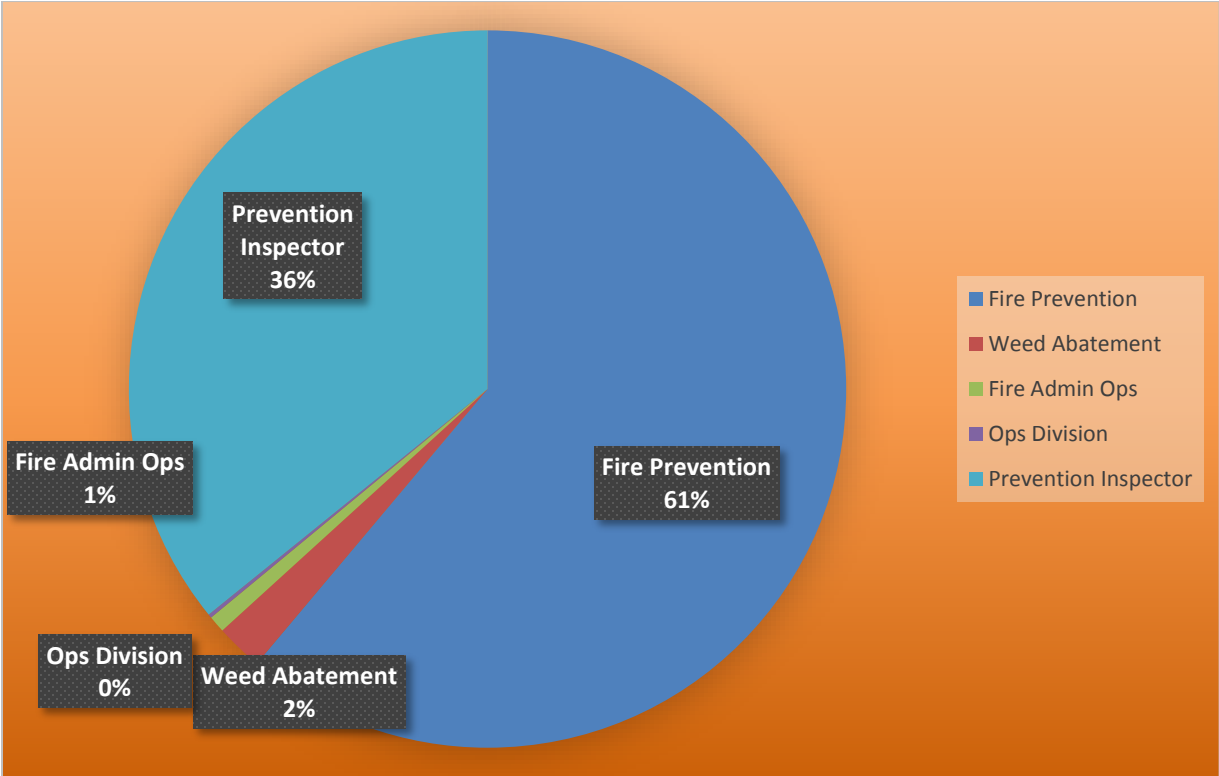
Additional Administrative Projects Completed in 2016

- ✓ Attend FASIS Board Meetings
- ✓ Attend LAWCX Board Meetings



*Captain Medina is recognized
for his 15 years of service with
the District*

American Canyon/Napa JPA Summary 2016



Fire Prevention	\$ 60,618.32
Weed Abatement	\$ 2,099.60
Fire Admin Ops Division	\$ 754.25
Ops Division Incident Responses	\$ 165.54
Prevention Inspector	\$ 35,528.00

Total \$ 99,165.71

 **Fire Department Human Resources 2016**

Service Awards:

10 Years

Fire Captain Matt Churchman 12/18/16

Fire Captain Ron Prettyman 12/18/16

15 Years

Fire Captain David Medina 3/5/16

Promotions:

Fire Captain Josh Cordeiro November 22, 2016



New Members of the Team:

Firefighter/Paramedic Chris Bartow May 23, 2016



New Members of the Team:

Firefighter Ryan Crane

May 23, 2016



Firefighter Maksim Matushevskiy

May 23, 2016



Firefighter/Paramedic Shanon Shaw

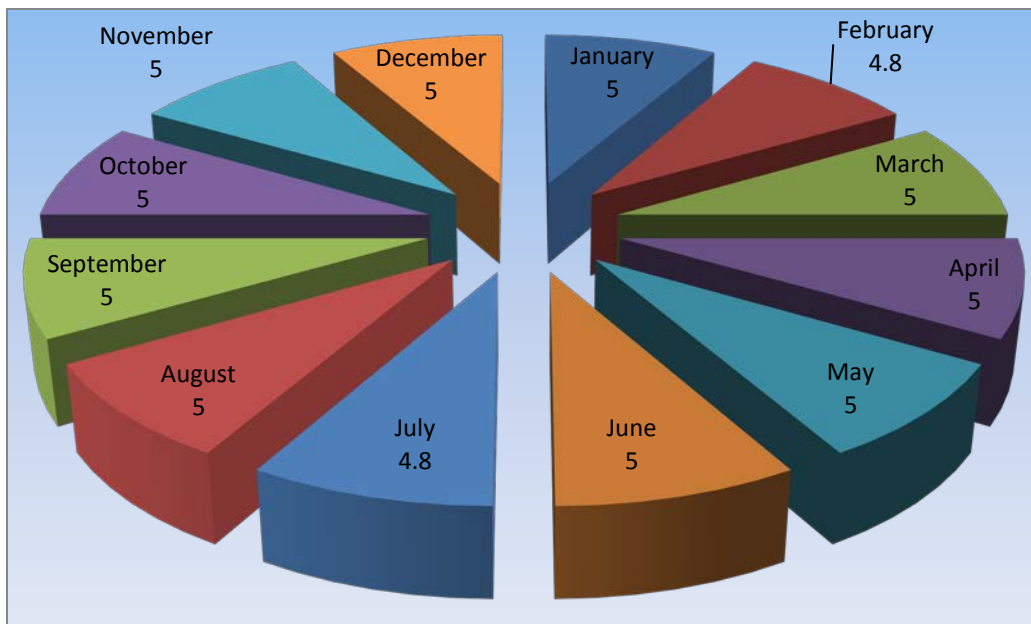
May 23, 2016



Average Customer Service Rating

Month	Total Surveys Mailed	Total Surveys Returned	Total Avg. Rating
January	32	11	5
February	27	7	4.8
March	31	8	5
April	25	9	5
May	27	8	5
June	25	6	5
July	29	5	4.8
August	30	5	5
September	21	5	5
October	24	5	5
November	30	3	5
December	20	4	5
Totals	321	76	4.96

The Fire District sent out 321 Customer Service Surveys and received 76 responses. We ask the citizens to rate the quality of service, 5= Excellent, 4 = Good, 3 = Adequate, 2 = poor, and 1 + unsatisfactory. The average rating was 4.96.



FIRE OPERATIONS

Overview

The Operations Division delivers all of the American Canyon Fire Protection District emergency response services and plays an important part in delivering many other non-emergency services. There are a total of 18 employees and up to 10 reserves assigned to this division. Currently 16 career and 5 reserve emergency response personnel are divided into three operations “shifts” (A, B and C-Shift). Each of those shifts is supervised by a Fire Captain. A “Duty Chief” is designated as “on-call” when not at the station. The on-duty Captain reports to the Duty Chief (Fire Chief or Assistant Fire Chief).

Emergency response personnel are deployed from one fire station located centrally within the Fire District. The District serves a population of approximately 20,000 people located within the approximately 8 square miles of the Fire Protection District which includes the City of American Canyon as well as an unincorporated area of Southern Napa County.

The District prides itself in offering excellent emergency response to a variety of incidents, which include; fires, medical emergencies, hazardous material releases, and specialized rescue situations. This is accomplished through the efforts of our minimum daily shift staffing of 4 career emergency response personnel (as of 02/01/08) and a maximum of 10 reserve firefighters. Shift personnel work a 48 hours on - 96 hours off schedule which is an average of a 56 hour work week. The Fire Chief and Assistant Fire Chief work a minimum 40 hour week and share duties as the on-call “Duty Chief” on a 24-7 basis.

Current Career Staffing

A Shift

Engine 11
Captain
Firefighter
Firefighter/Paramedic

B Shift

Engine 11
Captain
Firefighter
Firefighter/Paramedic

C Shift

Engine 11
Captain
Firefighter
Firefighter/Paramedic

Engine 211

Captain
Firefighter
Firefighter/Paramedic

Engine 211

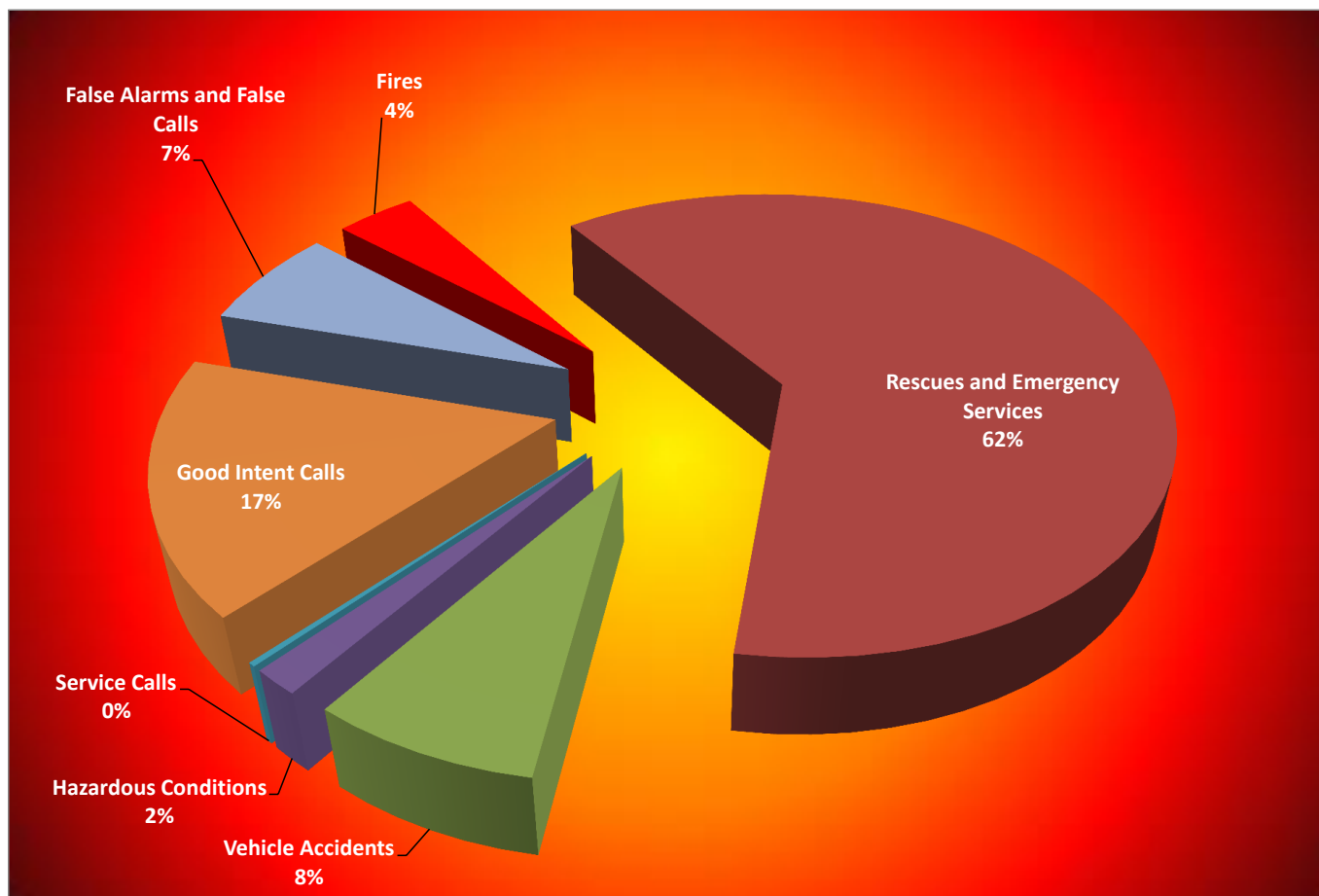
Captain
Firefighter/Paramedic

Engine 211

Captain
Firefighter/Paramedic

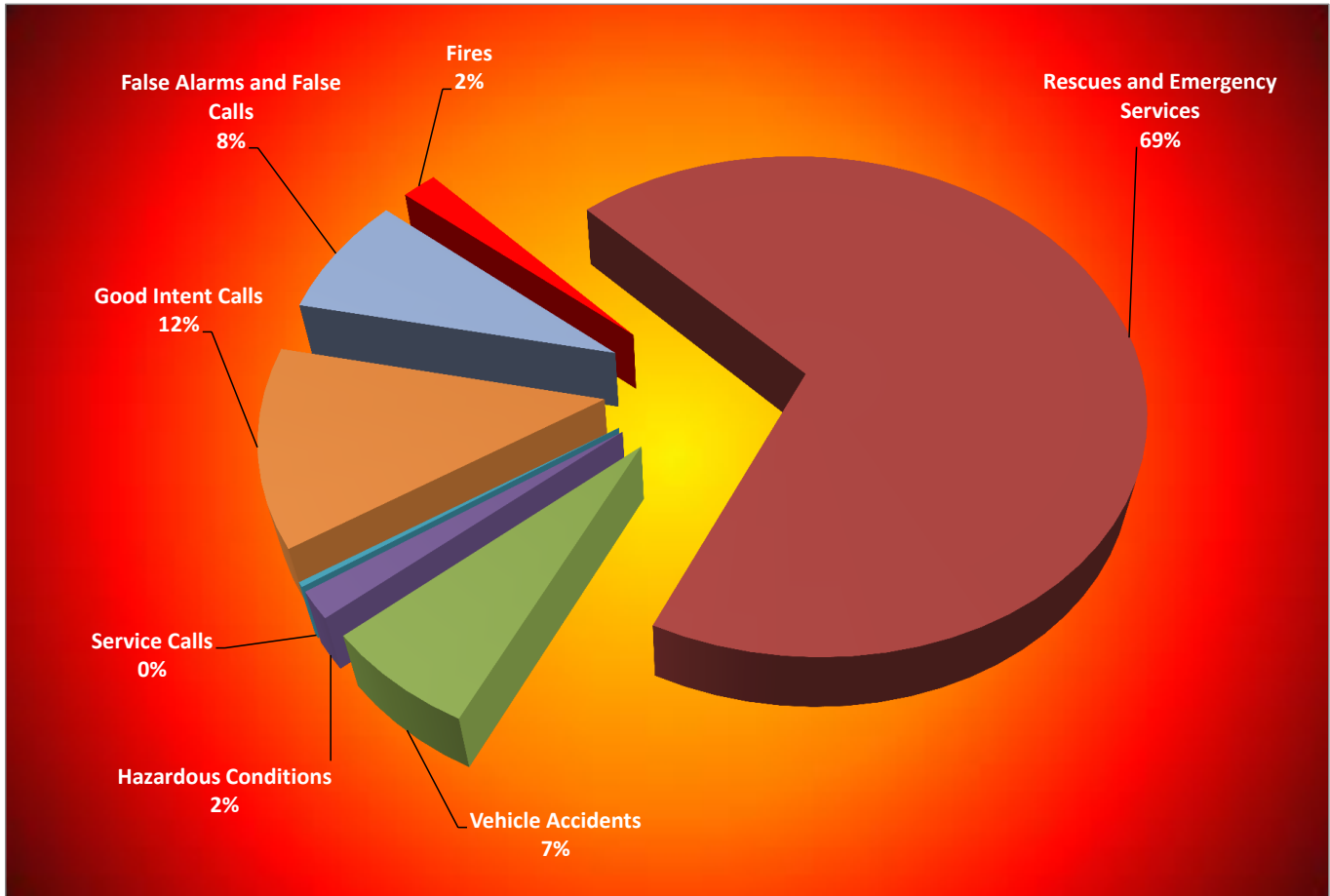


2016 All Emergency Incidents Responded to by American Canyon Fire Protection District



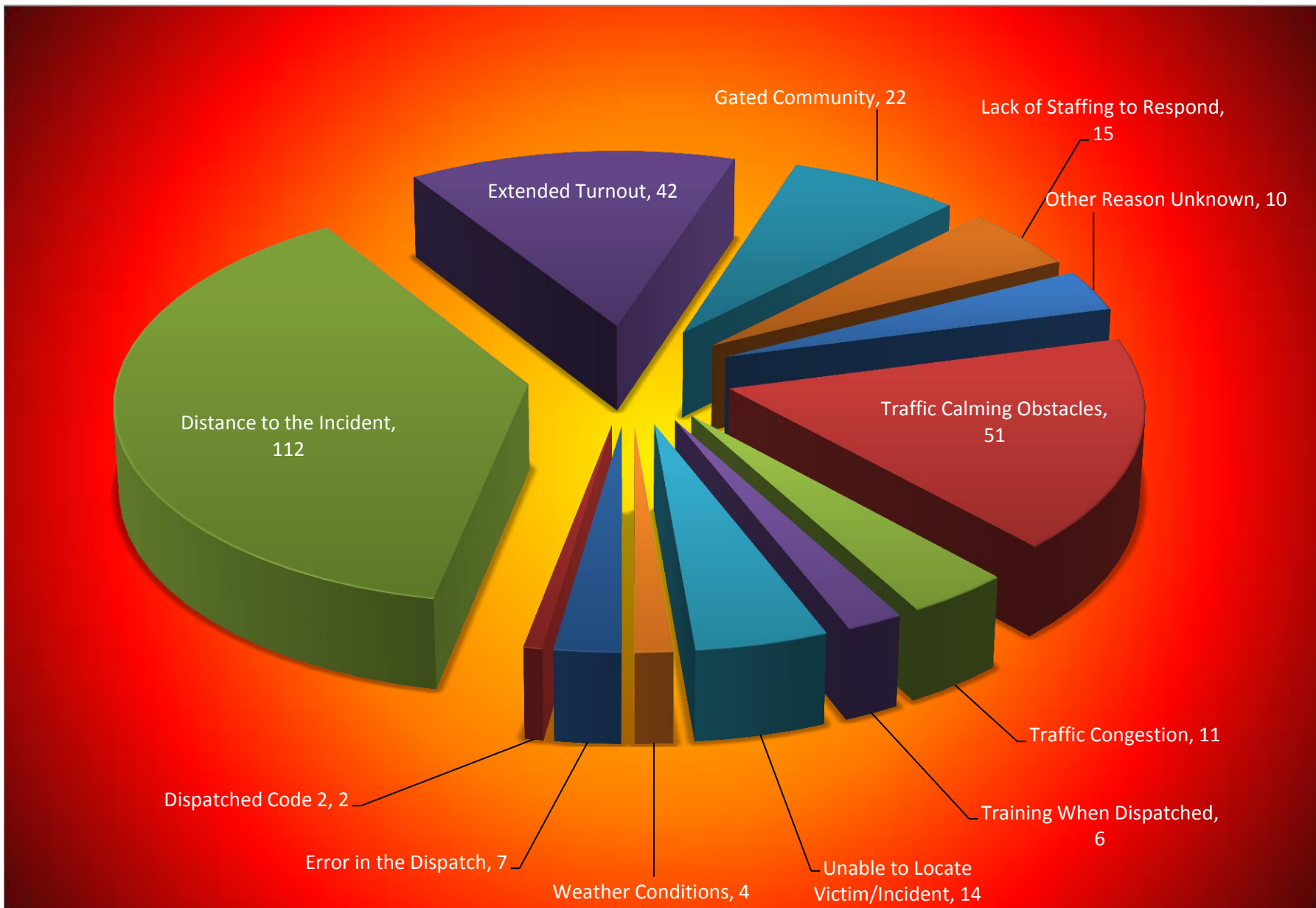
Fires	59
Rescues and Emergency Services	938
Vehicle Accidents	115
Hazardous Conditions	25
Service Calls	4
Good Intent Calls	256
False Alarms and False Calls	105
Total Emergency Calls	1502
Nonemergency Calls	208
Total Number of Incidents	1710

2016 Emergency Incidents in American Canyon Fire Protection District



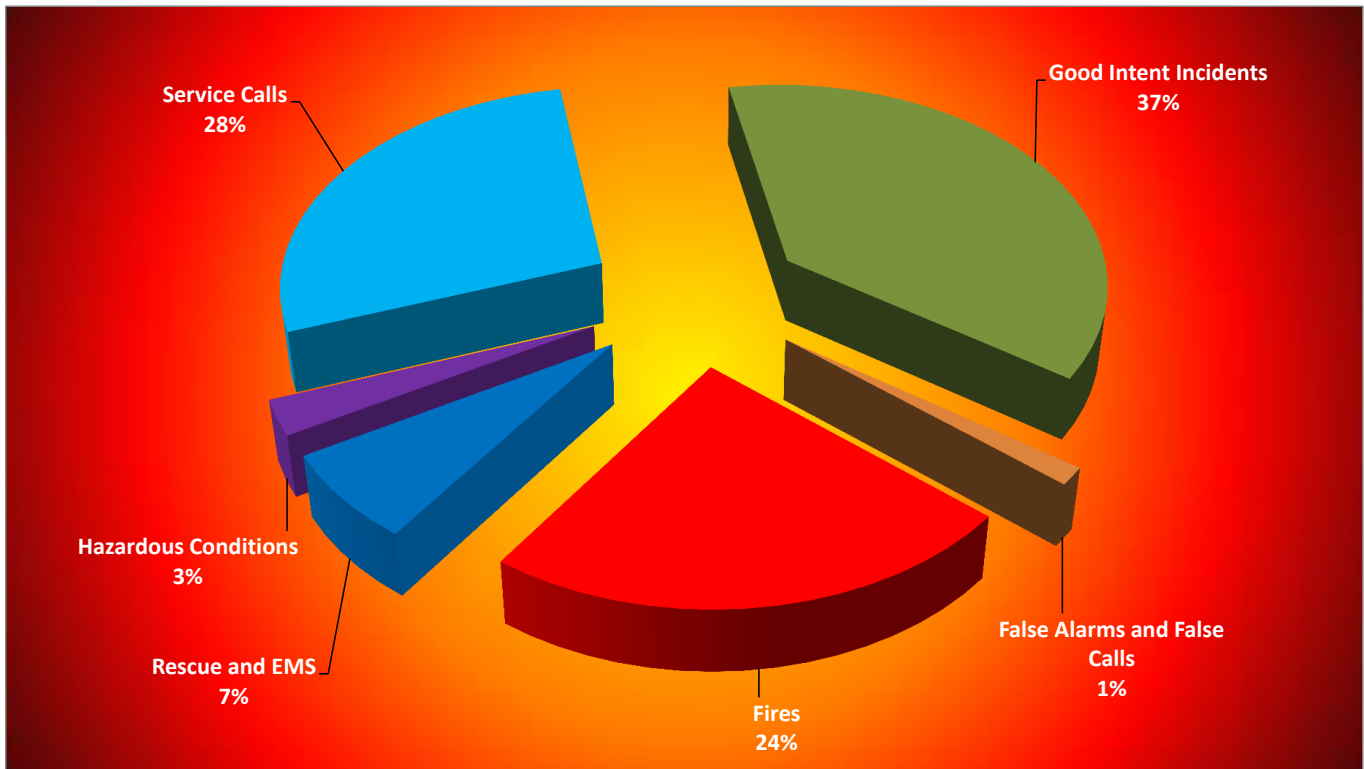
Fires	26
Rescues and Emergency Services	926
Vehicle Accidents	88
Hazardous Conditions	23
Service Calls	4
Good Intent Calls	168
False Alarms and False Calls	105
Total Emergency Calls	1340
Nonemergency Calls	166
Total Number of Incidents	1506
Number of Resopnses Over 5 Minutes	296
Percentage of Responses in 5 Minutes or Less	76%

2016 Reason for Delayed Responses



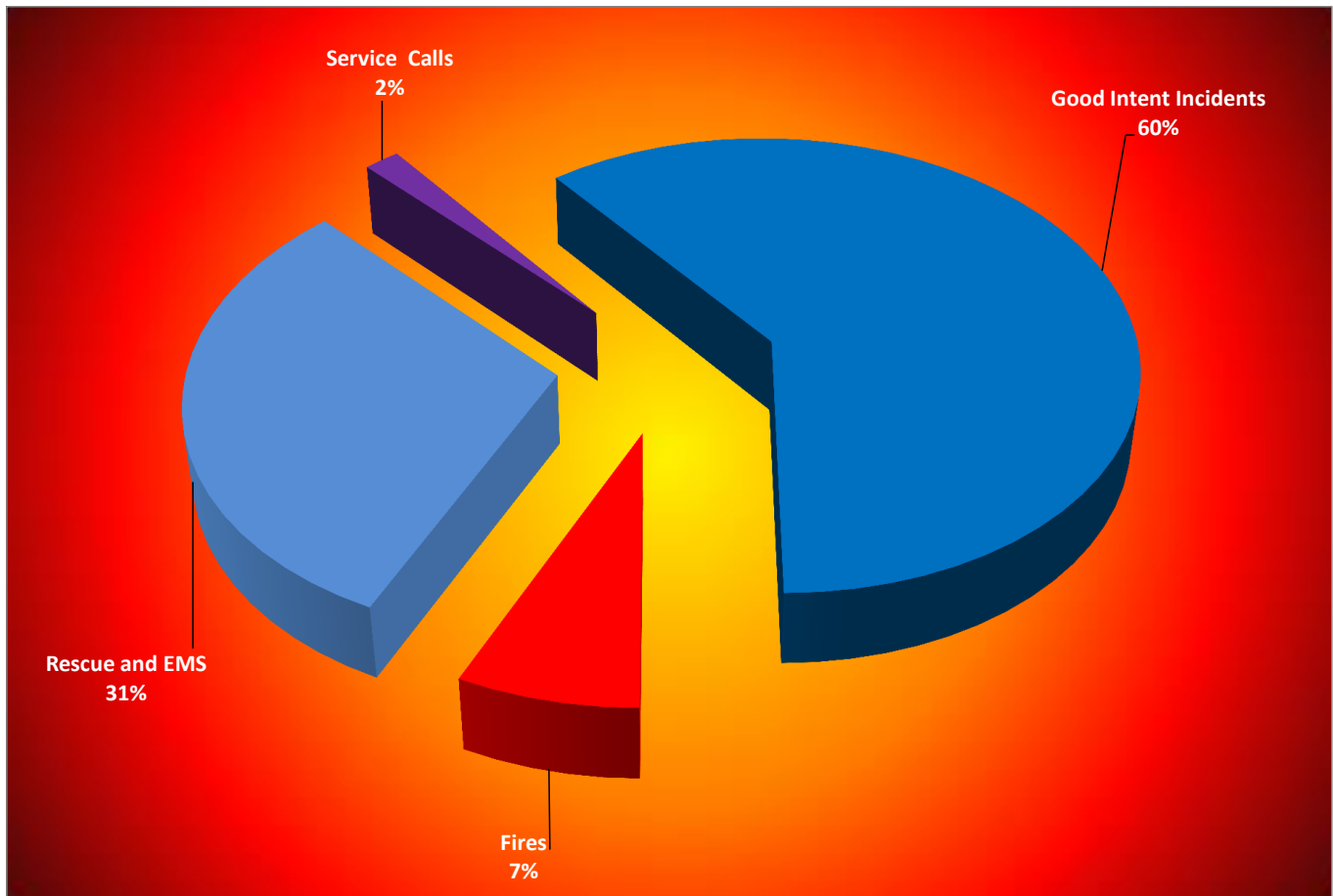
5 to 6 Minute Response	173
6 to 7 Minute Response	66
7 to 8 Minute Response	25
8 to 9 Minute Response	15
9 to 10 Minute Response	7
10 Minute or Greater Response	10
Total	296

2016 Responses to the City of Vallejo by American Canyon

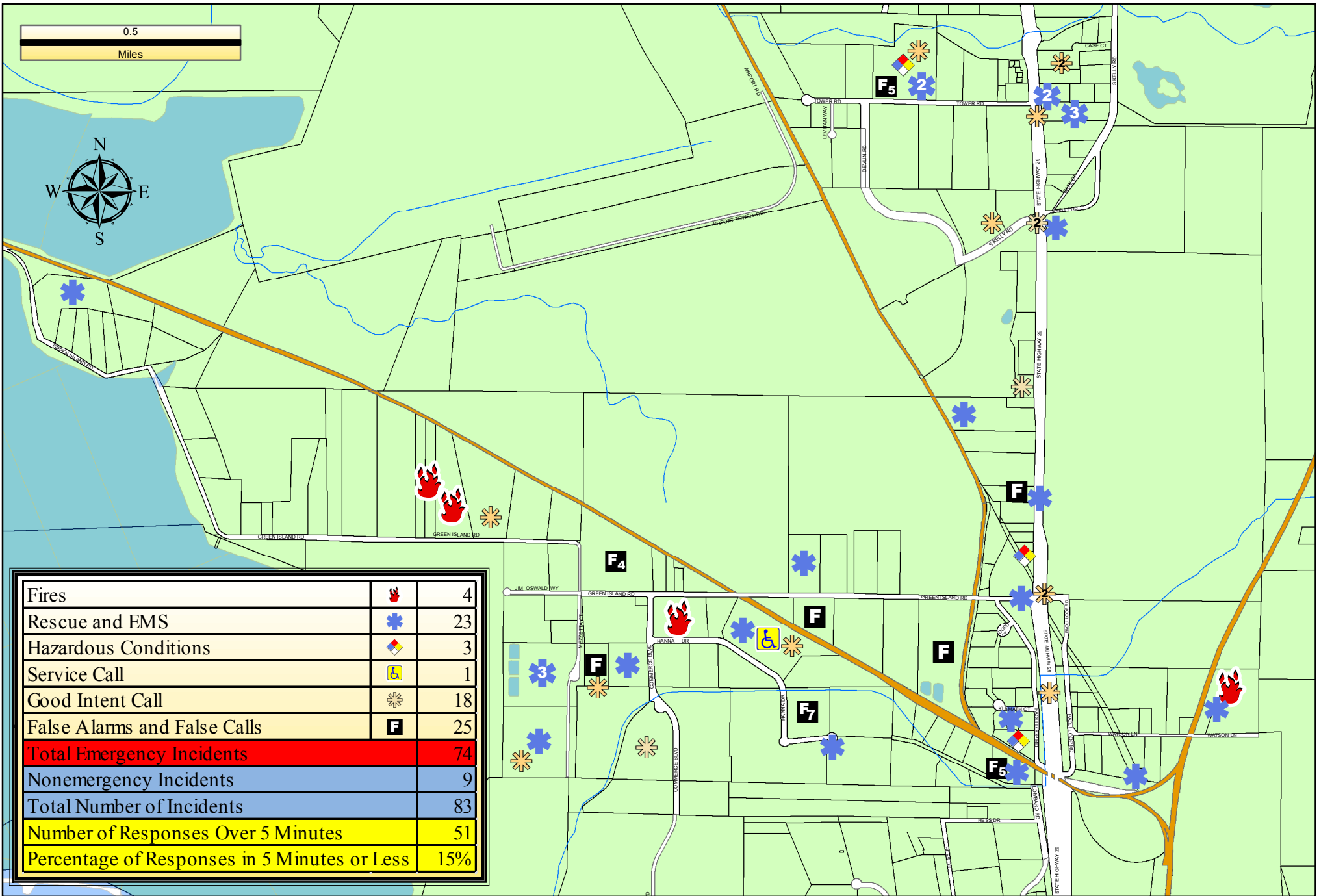


Fires	17
Rescue and EMS	5
Hazardous Conditions	2
Service Calls	20
Good Intent Incidents	27
False Alarms and False Calls	1
Total Number of Incidents	72

2016 Responses to Napa County by American Canyon



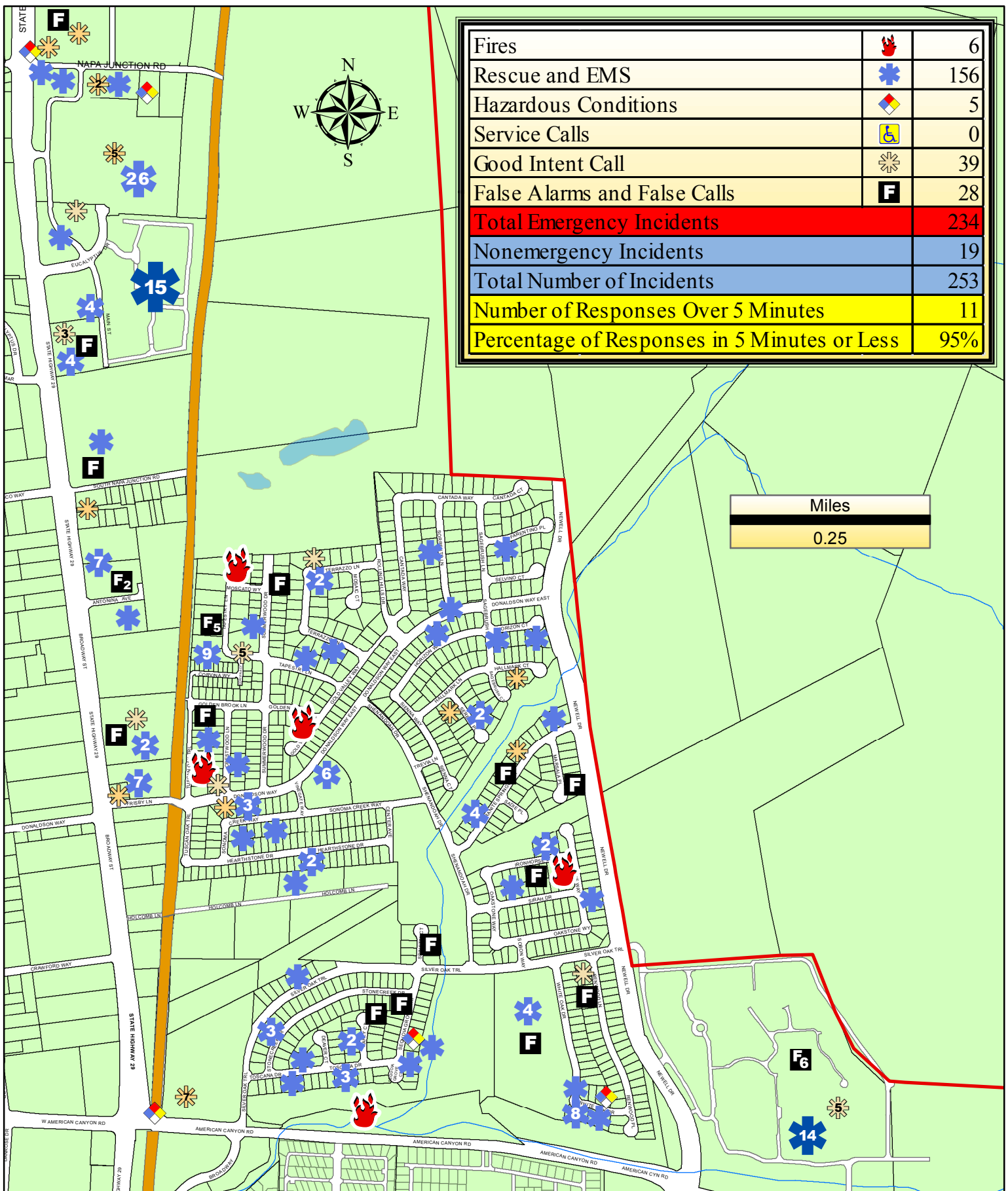
Fires	8
Rescue and EMS	35
Service Calls	2
Good Intent Incidents	69
Total Number of Incidents	114



Industrial Area

Incident Responses in 2016

Map icons are intended to illustrate a general representation of incident responses but do not necessarily represent the actual location of a response or all responses. Good Intent Calls include incidents in which units responded but did not arrive, and are there for not calculated in response times








North East Residential Neighborhood

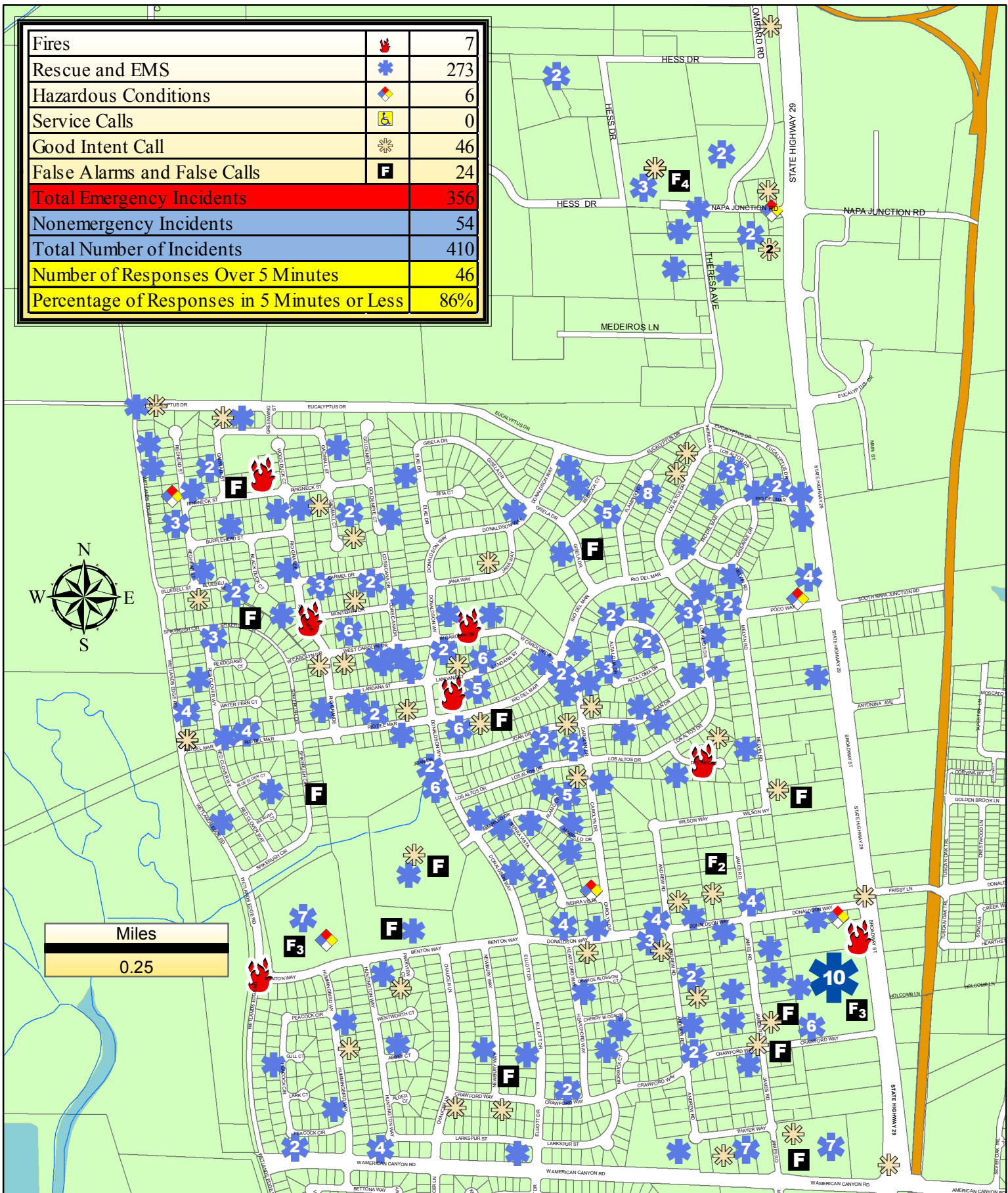
Incident Responses in 2016

Map icons are intended to illustrate a general representation of incident responses but do not necessarily represent the actual location of a response or all responses.

Good Intent Calls include incidents in which units responded but did not arrive, and are there for not calculated in response times



Fires		7
Rescue and EMS		273
Hazardous Conditions		6
Service Calls		0
Good Intent Call		46
False Alarms and False Calls	F	24
Total Emergency Incidents		356
Nonemergency Incidents		54
Total Number of Incidents		410
Number of Responses Over 5 Minutes		46
Percentage of Responses in 5 Minutes or Less		86%



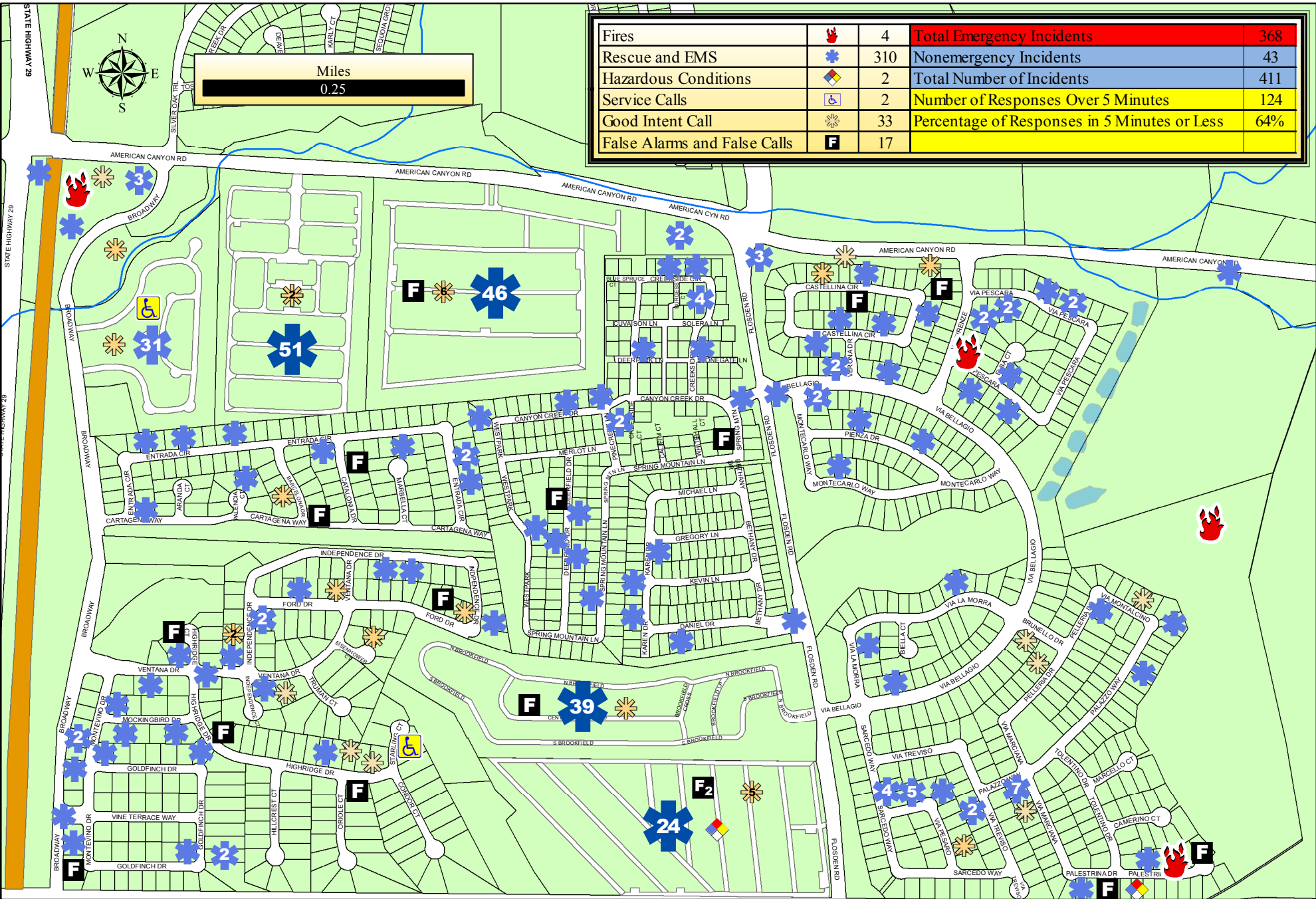
North West Residential Neighborhood

Incident Responses in 2016

Map icons are intended to illustrate a general representation of incident responses but do not necessarily represent the actual location of a response or all responses.

Good Intent Calls include incidents in which units responded but did not arrive, and are there for not calculated in response times



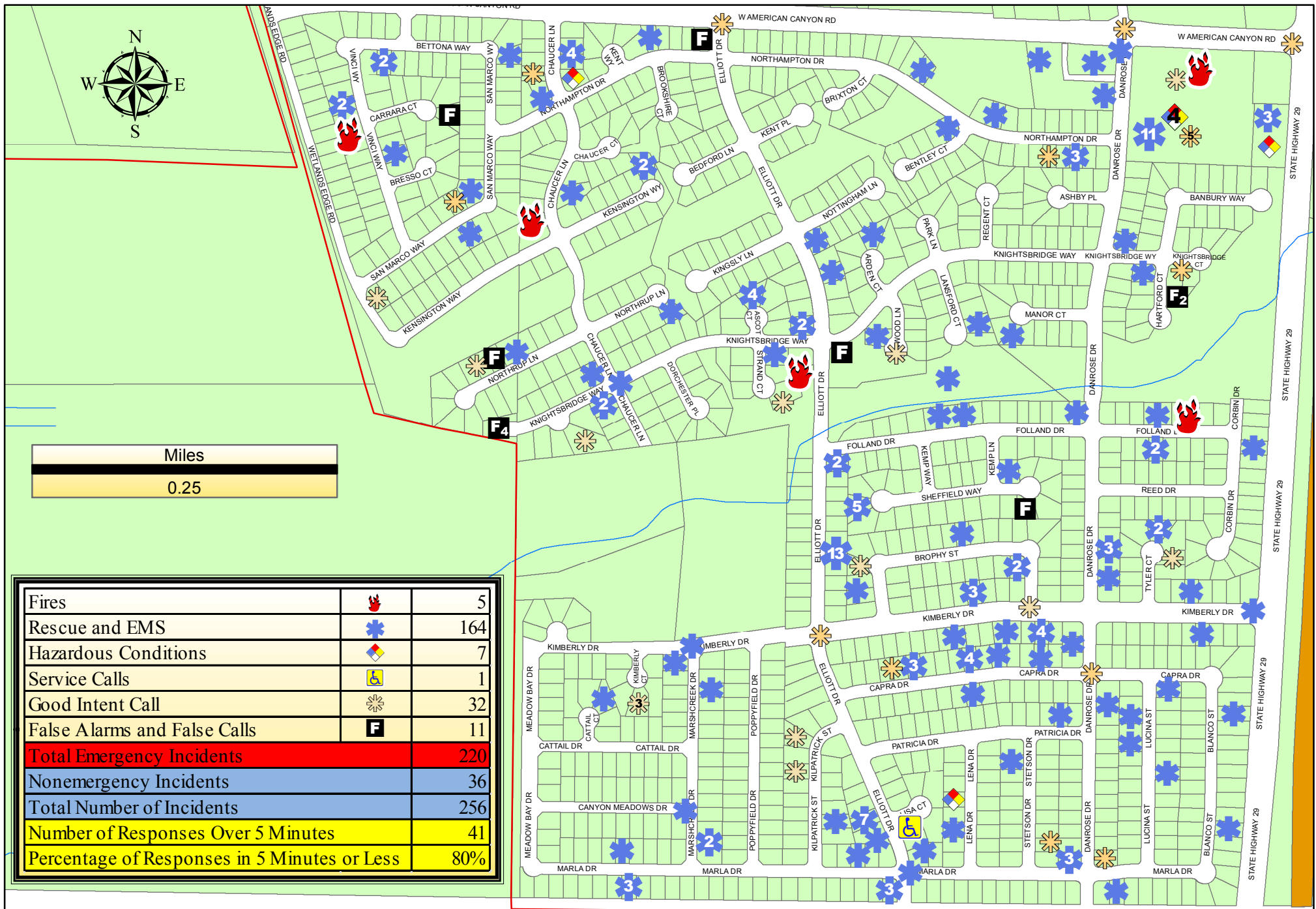


South East Residential Neighborhood

Incident Responses in 2016



*Map icons are intended to illustrate a general representation of incident responses but do not necessarily represent the actual location of a response or all responses. Good Intent Calls include incidents in which units responded but did not arrive, and are there for not calculated in response times



South West Residential Neighborhood

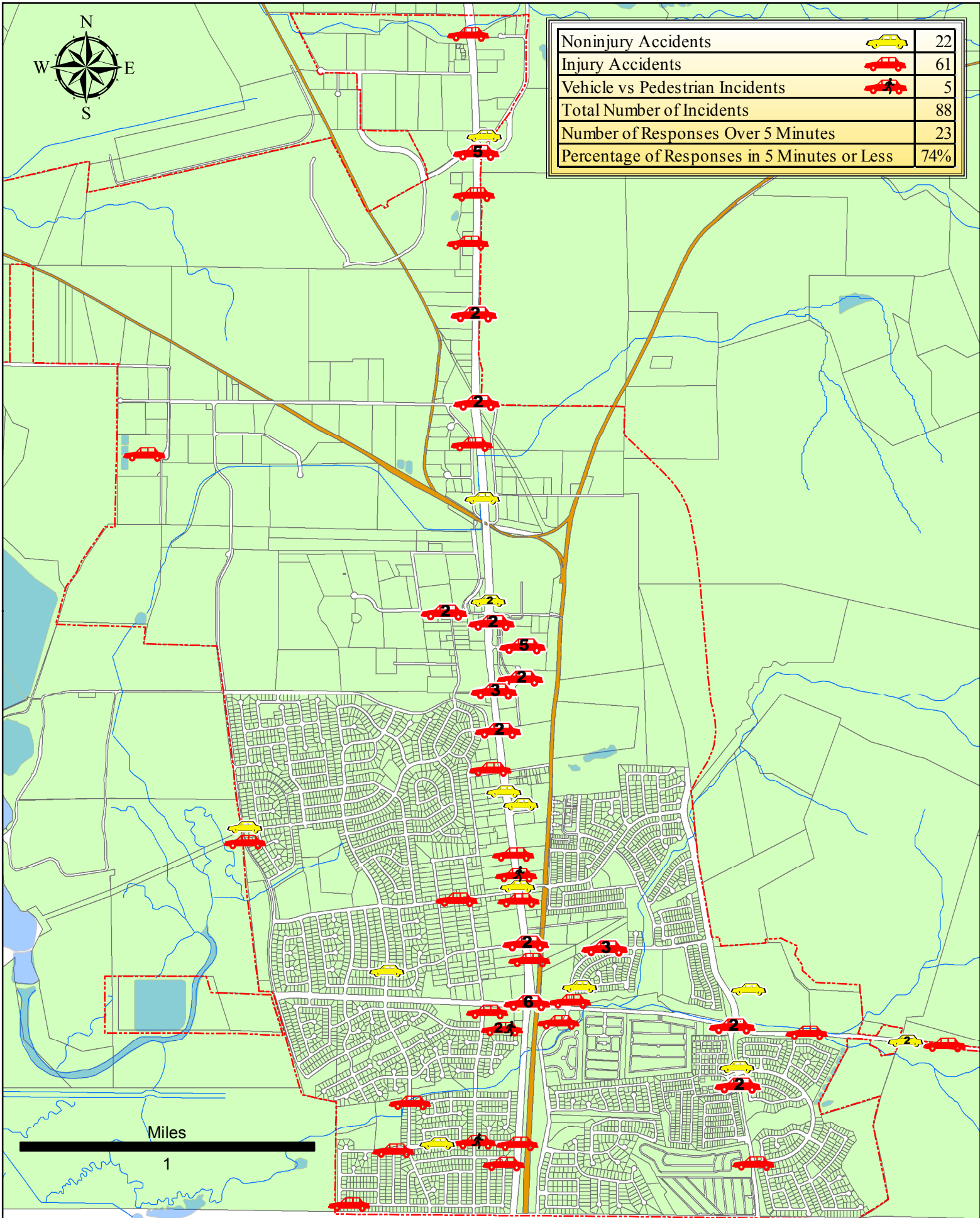
Incident Responses in 2016

Map icons are intended to illustrate a general representation of incident responses but do not necessarily represent the actual location of a response or all responses. Good Intent Calls include incidents in which units responded but did not arrive, and are there for not calculated in response times.





Noninjury Accidents		22
Injury Accidents		61
Vehicle vs Pedestrian Incidents		5
Total Number of Incidents		88
Number of Responses Over 5 Minutes		23
Percentage of Responses in 5 Minutes or Less		74%



Vehicle Accidents

Incidents in 2016



*Map icons are intended to illustrate a general representation of incident responses but do not necessarily represent the actual location of a response or all responses.

 **Statewide Mutual Aid Strike Team Deployments 2016**

Date	Incident	Unit Assigned	Staffing
07/02-7/4/16	Curry Overhead	GIS Technical Specialist	1
7/25 -8/3/16	Soberanes	Strike Team/Task Force Leader	1
7/25/15-8/6/16	Soberanes	E-411	4
8/3-8/3/16	Soberanes	Crew Rotation	1
8/4-8/6/16	LNU August Move Up	E-211	3
8/13-8/16/16	LNU August Move Up	E-411	3
8/14-8/15/16	Clayton	WT-11	2
8/17-8/19/16	Blue Cut	E-211	4
8/20/16-8/27/16	Rey	WT-11	2
9/19-9/26/16	Canyon	E-411	4
9/27-10/5/16	Loma	GIS Technical Specialist	1



WT 11 at the Rey Fire in Santa Barbara County



Captain Medina, Firefighters Crane and Diede and Reserve Firefighter Fowler at the Canyon Fire



2016 California State Mutual Aid Responses



FIRE OPERATIONS

Emergency Medical Services

The American Canyon Fire Protection District is an Advanced Life Support (“ALS”) first responder. The District staffs a minimum of one Paramedic qualified firefighter on an engine equipped with a full complement of ALS equipment, 24-7. The District currently has a total of nine (9) licensed and accredited Paramedics on staff.

The District participates in a Public/Private Agreement with the Napa County ambulance franchise holder American Medical Response (“AMR”). The District and AMR work together in order to provide the best possible patient care in the District and this partnership enhances the level of emergency medical service county-wide. Through the agreement, AMR provides:

- Medical Direction and Quality Assurance
- Additional EMS Training
- EMS Supply Re-stock
- Surge (back-up) Ambulance
- Annual Re-imbursement for ALS service (\$40,000) which provides AMR with a 25% increase in response time performance

The District:

- Actively participates in Napa County EMS stakeholders meetings to stay updated on regional EMS contractual issues
- Participates on the “EMS Advisory Committee” to support the Napa Valley College in its endeavor to provide local Emergency Medical Service Education
- Actively participates on the following Napa County EMS committees:
 - Medical Advisory Committee (“MAC”)
 - Continuous Quality Improvement Committee
 - Continuous Quality Improvement Sub Committee
 - Napa County Trauma Care Committee
 - Napa County Sudden Cardiac Arrest Care Committee
 - Public Information & Education Committee (“PIE”)

EMS Incidents - Chief Complaint

01/01/2016 to 12/31/2016

Abdominal pain	61
Airway obstruction	7
Allergic reaction, excludes stings & venomous bit	9
Altered level of consciousness	111
Behavioral - mental status, psychiatric disorder	14
Burns	1
Cardiac arrest	5
Cardiac dysrhythmia	6
Chest pain	54
Diabetic symptom	15
Do not resuscitate	1
General illness	92
Hemorrhaging/bleeding	13
Hypovolemia	2
None/no patient or refused treatment	42
Obvious death	2
Other impression/assessment	170
Overdose/poisoning	13
Pregnancy/OB	2
Respiratory distress	100
Seizure	40
Sting/bite	1
Stroke/CVA	22
Syncope, fainting	44
Trauma	223
Unresponsive / Unconscious	22

EMS INCIDENTS - PROCEDURES USED

01/01/2016 to 12/31/2016

IV Established	63
IO Established	6
Assist Ventilation	4
Blood Glucose Check	292
Burn Case	0
Advanced Airway Established	4
Breathing Treatment Administered	16
Chest / Abdominal Thrust	1
CPR Manual	6
CPR Lucas Device	6
Defibrillation by AED	2
12 Lead EKG	164
Extrication	0
Medication Given via IV or IO	34
Medication Given via IM or SQ	6
Medication Given via PO	29
Medication Given via Other Method	19
Needle Cricothyroidotomy	0
OB Care / Delivery	0
Chest Decompression	0
Restrained Patient	1
Spinal Immobilization	32
Splint Extremities	7
Suction / Aspiration	6
CPAP	8

Urban Search & Rescue (US&R)

The District has the capability to handle different types of rescue situations requiring specialized equipment and training. The most frequent type of rescue emergency involves extricating people who are trapped in vehicles as the result of traffic accidents with hydraulic rescue tools. The District also maintains a team of personnel who are specially trained to conduct rescue activities in permit-required confined spaces, structural collapses, trench collapses, and low and high angle rescue. This is referred to as “Urban Search and Rescue” (“US&R”). The US&R team trains regularly with fire department personnel from other agencies within Napa County as a participant in the “Napa Interagency Rescue Team” (“NIRT”). The District also has two inflatable rescue boats (“IRB”) and US&R team members are boat rescue and swift/flood water rescue qualified.

2016 Urban Search & Rescue Training

Date	Topic	Drill Hours Possible Per Team Member
01/19/16	Lifting and Moving Heavy Objects	3
02/16/16	High Angle Rope Rescue Operations	3
03/15/16	Confined Space Operations	3
04/20/16	Trench Rescue	9
05/12/16	Swiftwater Awareness Refresher	8
06/21/16	Boat Operations	3
07/20/16	High Angle Rope Rescue Operations	3
08/16/16	Multi-Discipline Training Exercise	3
9/20/16	Shoring and Building Marking	3
10/18/16	Metal Cutting/Concrete Breaching	3
11/15/16	Shoring	3
12/20/16	US&R Business/Planning Meeting	3



FIRE TRAINING

Overview

The training function of the American Canyon Fire Protection District supports our goal of recruiting, hiring, and retaining only the best people and supporting them through the development and maintenance of their knowledge, skills, and abilities.

Training Division Mission

“To provide all American Canyon Fire Protection District personnel with professional, state-of-the-art training in all aspects of their jobs in order to maximize an efficient and effective delivery of service while focusing on maximum safety and effectiveness in emergency operations”.

Training Goals

Compliance with State, Federal and Industry Standards and maximize:

- *Worker Safety*
- *Performance to Recognized Standards*
- *Reduction of Liability to the American Canyon Fire Protection District and its Employees.*
- *Meet or exceed ISO requirements for maximum points with regard to training*
- *Maintain requirements as set forth by OES for Type 1 USAR resource*
- *Train Efficiently*
- *Fulfill personnel career objectives*
- *Continuous training needs analysis and improvement*
- *Succession planning*

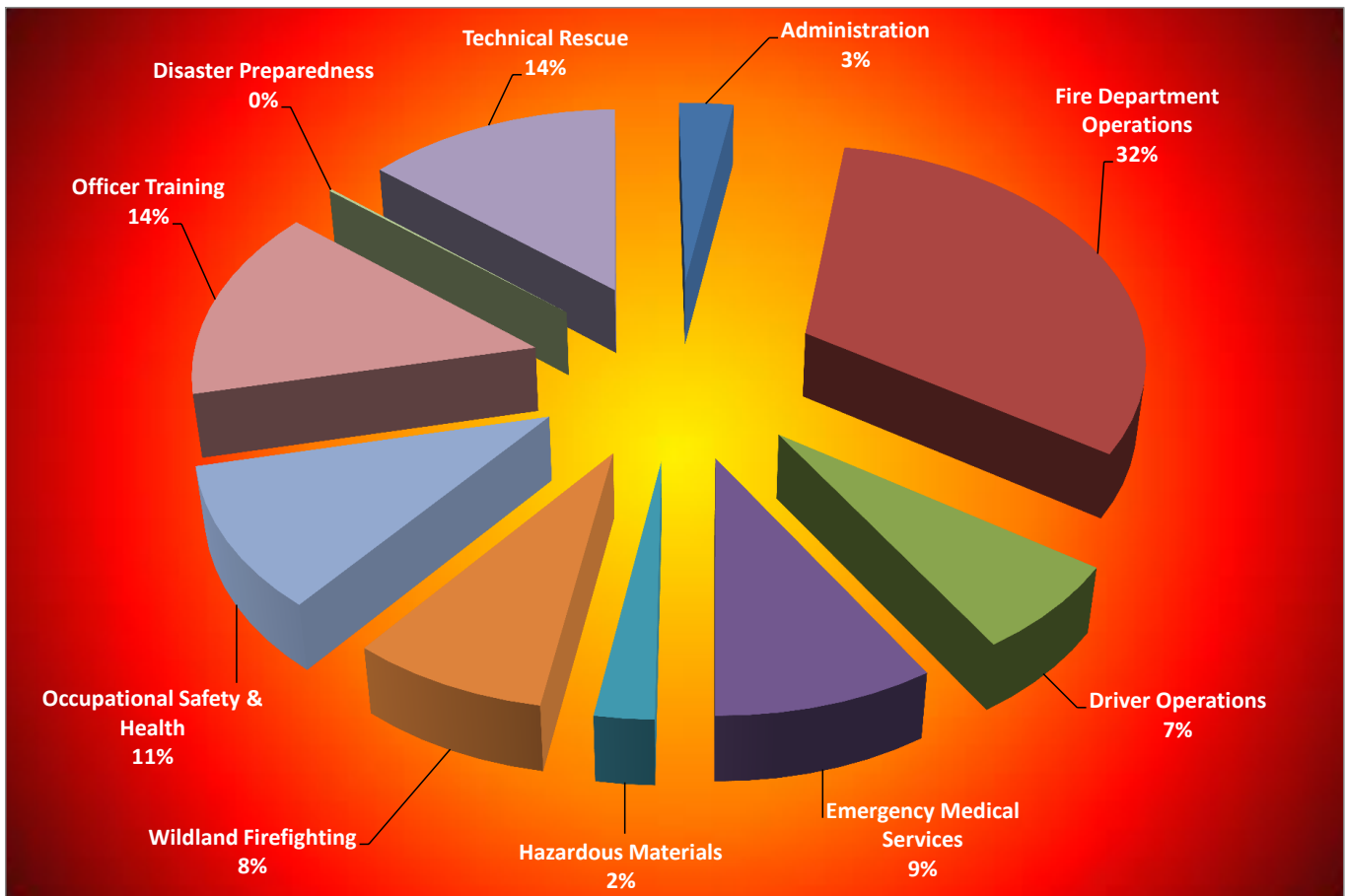
Training Division Values

- *Development of ACFPD personnel by providing the following opportunities:*
 - *Career development training inside and out of the department*
 - *Input with regard to training topics*
 - *Curriculum development*
 - *Instruction of curriculum*



Fire Operations Training 2016

2016 TRAINING ACTIVITIES



ACTIVITIES	HOURS
<i>Administration</i>	<i>192</i>
<i>Fire Department Operations</i>	<i>2103</i>
<i>Driver Operations</i>	<i>447</i>
<i>Emergency Medical Services</i>	<i>602</i>
<i>Hazardous Materials</i>	<i>163</i>
<i>Wildland Firefighting</i>	<i>539</i>
<i>Occupational Safety & Health</i>	<i>710</i>
<i>Officer Training</i>	<i>959</i>
<i>Disaster Preparedness</i>	<i>11</i>
<i>Technical Rescue</i>	<i>899</i>
TOTAL	6625

2016 Classes Hosted by ACFPD

Course	Dates
Fire Extinguisher Training – Boral Stone	April 14 and 15
Fire Extinguisher and Hands Only CPR Training	April 26 & May 25 & May 27
Citizens Academy	July 13
C.E.R.T.	August 1,8, 15, 22,29
Hands Only CPR and AED Training	August 16
Fire Extinguisher Training	August 20
CPR and AED Hands Only CPR Training	September 9
CPR Day	November 7
Hands Only CPR Training	November 28



C.E.R.T. Class



CPR Training at Canyon Oaks Elementary

FIRE PREVENTION

Overview

Service Priorities

- Partnering with the Community while promoting Fire and Life Safety.
- Providing Public Education and awareness to reduce the fire and life safety risk.
- Utilizing well-trained inspectors to educate the public while conducting a comprehensive inspection and code enforcement program.
- Investigating the cause and origin of fires.
- Fire and Life Safety records and maintenance.

The Fire Prevention Division consists of the Fire Chief, a full time Fire Inspector shared 50/50 by the City of Napa and the District, and Fire Company (shift) inspectors. The American Canyon Fire Protection District and City of Napa established a Joint Powers Agreement (JPA) in 2010, which made the City of Napa FD Fire Prevention Bureau and the District Fire Prevention Bureau (“Bureau”) one and the same. The Bureau is lead by Division Chief Darren Drake (Fire Marshal). The Fire Marshal reports to the Fire Chiefs (of both Napa and the District) and is responsible for code enforcement, fire plans review and engineering, fire investigation, and fire and life safety education. The Prevention Division strives to provide the highest level of customer care and service. Accomplishing the mission requires delegation and teamwork throughout all levels of both organizations.

Code Enforcement

Once a building is constructed, we conduct maintenance inspections to help ensure that a reasonable degree of fire safety exists. Along with the shared Fire Inspector, annual fire inspections are conducted by our fire suppression crews through the engine company annual business fire safety inspection program. We work in partnership with building and business owners to help us with this process.

Fire Plans Review and Construction

The Fire Prevention Division of the American Canyon Fire Protection District partners with the community, the Napa Fire Prevention Bureau and City of American Canyon staff to provide building plan review services for both new and existing construction projects. Services include the review of designs and installation of automatic fire sprinkler and fire alarm systems which will be built into the structure. We also ensure public fire safety in all public buildings and multi-tenant occupancies. The Plan Review Committee (PRC) Program is responsible for ensuring these projects adhere to fire and life safety code requirements regulating the safety of people who will occupy the building or area.

Sprinkler Requirements

Present-day automatic fire sprinklers have been perfected to the point that they are extremely reliable when properly maintained. Automatic sprinkler systems are recognized as the most reliable of all fire protection devices controlling or extinguishing a fire at an early stage. The design of automatic sprinkler systems is based upon the assumption that only a portion of the sprinkler heads will flow during a fire. On average, about 96 percent of all fires in sprinkled buildings are controlled or extinguished by two to four fire sprinkler heads. Contrary to most beliefs, not all fire sprinkler heads will flow at the same time. The life safety of building occupants is enhanced by the presence of a sprinkler system and the loss of property can be reduced.

Fire Investigation

This program is overseen by the Fire Chief and our Police Department who also assists in this process. We work very closely with the Police Department on fires suspected to be arson.

2016 Inspection Activity

Engine Company Inspections	60
Bureau Inspections	199
New Commercial Inspections	105
Plan Check	283



2016 Public Education Events

January

- Ride A-Long (14)
- Umpqua Bank Reception
- CERT Meeting

February

- Ride A-Long (25)
- Fire Extinguisher Training
- Station Tour – Cub Scouts
- Dare Graduation
- Napa County Firefighter's Appreciation Dinner

March

- Ride A-Long (2)
- Station Tour – Canyon Oaks Elementary
- American Canyon High School Career Day
- American Canyon Easter Event

April

- American Canyon Little League Parade
- Ride A-Long (2)
- Family Station Tour
- Station Tour Jack and Jill of America
- Fire Extinguisher Training- Boral Stone
- Battle of the Valley Basketball Game to benefit the Boys and Girls Club
- Engine Company Visit – Head Start Preschool
- Canyon Oaks Elementary Career Day
- Fire Extinguisher/CPR Training for Abba In Home Care Services

May

- Farmer's Market
- Girl Scout Station Tour
- Family Station Tour
- Fire Safety Assembly – Calvary Baptist Academy
- World CPR Day
- Napa Junction Preschool Visit
- Dare Graduation
- Canyon Oaks Art Festival
- Funeral Procession in Fairfield
- Hands Only CPR and AED Training – Napa Junction School
- Memorial Day Service

June

- Station Tour – Canyon Oaks Elementary (4)
- Farmer's Market
- Friday Night at Canyon Plaza
- Relay for Life Spaghetti Feed
- Family Station Tour

July

- Farmer's Market
- Pancake Breakfast, Parade, Flag Raising, and Fireworks for 4th of July
- ACHS Auto Extrication
- Citizen's Academy
- Water Carnival at Philip West Pool
- Health and Safety Fair
- ACHS Health Expo

August

- C.E.R.T.
- National Night Out
- Farmer's Market
- Hands Only CPR & AED Canyon Oaks
- Fire Extinguisher Training – Amcor Flexibles

September

- Farmer's Market
- Ride A-Long
- Hands Only CPR & AED Training – Canyon Oaks Elementary
- Kimberly Park Grand Opening
- AC Veterinary Dog Days Festival
- Luncheon for Memorial Donors and 9/11 Memorial Ceremony
- Napa Valley Child Passenger Safety – Free Booster Inspection
- Flag Raising Ceremony at ACHS Football Game: First Responders Night
- Health Fair

October

- Farmers Market
- Head Start Fire Safety Talk
- Head Start Smoke Alarm Safety Training
- Ride A-Long
- Public Safety Open House
- Station Tour – Napa Junction Elementary
- ACHS – Meet and Greet
- Donaldson Way Elementary – Harvest Festival

November

- ACHS CPR Day
- ACHS Senior Shadow Day
- Veteran's Day Ceremony
- Hands Only CPR

December

- Tree Lighting Ceremony
- Snow Day
- Reindeer Run
- Dare Graduation
- Kiwanis Season of Giving
- Santa Sleigh
- Ride A-Long



2016 PUBLIC EDUCATION



Career Day at Canyon Oaks Elementary



4th of July Parade

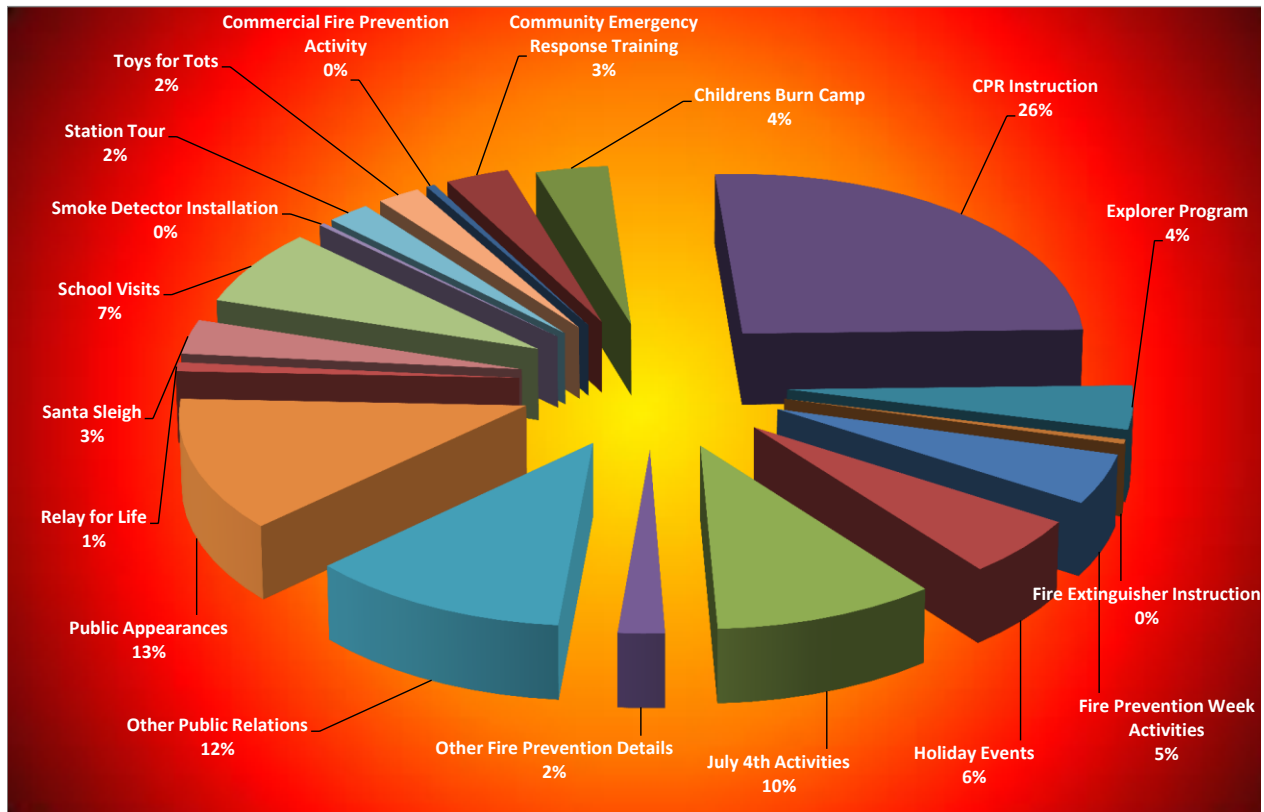


National Night Out



Public Safety Open House

2016 Public Education Events



<i>ACTIVITIES</i>	<i>HOURS</i>
<i>Commercial Fire Prevention Activity</i>	6
<i>Community Emergency Response Training</i>	44
<i>Childrens Burn Camp</i>	50
<i>CPR Instruction</i>	360
<i>Explorer Program</i>	58
<i>Fire Extinguisher Instruction</i>	6
<i>Fire Prevention Week Activities</i>	66
<i>Holiday Events</i>	77
<i>July 4th Activities</i>	138
<i>Other Fire Prevention Details</i>	29
<i>Other Public Relations</i>	163
<i>Public Appearances</i>	175
<i>Relay for Life</i>	12
<i>Santa Sleigh</i>	46
<i>School Visits</i>	102
<i>Smoke Detector Installation</i>	4
<i>Station Tour</i>	30
<i>Toys for Tots</i>	30
TOTAL	1396



2016 HEART SAFE COMMUNITY



In 2016 American Canyon achieved the “HeartSafe Community” Designation!

A HeartSafe Community supports:

- Strategies that improve the chances of a favorable outcome for victims of acute emergencies such as heart attack, stroke, and cardiac arrest.
- Promotion of cardiovascular health and early detection of cardiovascular disease

A **HeartSafe** community is designated by gaining “heartbeats” points. Heartbeats points were achieved by:

- Public Education; hands only CPR and Automatic External Defibrillator Use
- Placing and identifying placement of Automatic Defibrillators
- Implementation of “Pulse Point” smart phone application
- Cardiovascular health awareness outreach
- Advanced Life Support fire department response

We encourage all citizens to learn “Hands Only” CPR and Automatic External Defibrillator use!

We encourage all businesses and public facilities to obtain at least one Automatic External Defibrillator (“AED”)!



Firefighter Chad Pilkington teaching the Fire District Board/City Council Hands Only CPR



August 2016 Firefighter Chad Pilkington teaching the Teachers of Canyon Oaks Hands Only CPR



Hands Only CPR teachings at the Farmer's Market

 **Apparatus Testing, Maintenance & Repair**

2016 Apparatus Maintenance and Repair Summary

Ambulance	2008 Dodge Sprinter Ambulance	
3/7/2016	Decal Installation	\$ 619.40
	Total	\$ 619.40

Attack 11	1994 Dodge	
10/30/2016	New Fuel Cap	\$ 7.59
11/10/2016	Annual Smoke Test	\$ 45.00
	Total	\$ 52.59

Engine 11	2013 Spartan Custom Type Pumper	
1/14/2016	Pump test per NFPA	\$ 351.00
1/15/2016	250V AC connector	\$ 63.71
1/28/2016	RF PWR window regulator	\$ 270.05
1/29/2016	Attic ladder bracket	\$ 130.42
2/11/2016	Battery for generator	\$ 80.67
4/7/2016	Antifreeze for E-11	\$ 43.02
4/11/2016	22" Accuride Locking Slide	\$ 74.70
5/12/2016	Checked suspension & alignment	\$ 360.00
5/11/2016	Tire repair	\$ 50.00
6/1/2016	X Life Red Cat EC-1	\$ 27.97
7/14/2016	Wiper Pivot Cover	\$ 25.58
7/26/2016	Inspect/Repair A/C System	\$ 1,025.64
8/1/2016	Adjusted drive brakes	\$ 172.50
10/4/2016	Filter Replace	\$ 173.34
11/14/2016	Generator Maintenance	\$ 540.97
	Total	\$ 3,389.57

Engine 211	2004 American La France	
1/14/2016	Pump test per NFPA	\$ 351.00
1/26/2016	Drain valve repair kit	\$ 212.45
6/3/2016	Tow (blown coolant system hose)	\$ 393.75
6/8/2016	Coolant	\$ 129.81
6/8/2016	Coolant Filters	\$ 14.55
6/10/2016	Radiator Hose and Clamp	\$ 329.23
8/19/2016	Seal Replacement Kit	\$ 75.87
9/14/2016	Tubing Silicone	\$ 98.94
9/21/2016	Fan Switch	\$ 28.05
10/4/2016	Full service: Oil Change, Serviced Transmission, Checked for Leaks, Service Air Drier, Dash Hand Valve Leaking	\$ 5,816.20
11/11/2016	Annual Smoke Test	\$ 45.00
12/18/2016	Axle alignment	\$ 630.00
	Total	\$ 8,124.85

Engine 311	1996 HME 1871 Series	
1/14/2016	Pump test per NFPA	\$ 351.00
8/18/2016	Replace chassis batteries	\$ 983.73
	Total	\$ 1,334.73

Engine 411	1999 International	
4/27/2016	Sensor, misc. parts and shop supplies	\$ 488.52
3/22/2016	Coolant	\$ 22.37
3/23/2016	Replace filters	\$ 66.17
11/11/2016	Annual Smoke Test	\$ 45.00
	Total	\$ 622.06

Rescue 11	1992 International	
4/19/2016	Repair coolant surge tank	\$ 187.40
11/10/2016	Annual Smoke Test	\$ 45.00
	Total	\$ 232.40

Truck 11	2005 American La France 75' Quint	
1/14/2016	Pump test per NFPA	\$ 351.00
2/10/2016	Aerial / ground ladders inspection/maintenance	\$ 1,724.85
2/25/2016	Supplies for aerial cleaning/lubrication	\$ 45.63
6/1/2016	Transmission fluid and hose fitting	\$ 100.82
6/7/2016	Power Steering Fluid	\$ 17.24
6/8/2016	Coolant Filters	\$ 14.55
8/17/2016	Hydraulic Filter	\$ 36.17
11/11/2016	Annual Smoke Test	\$ 45.00
	Total	\$ 2,335.26

Water Tender 11	2013 International Water Tender	
1/14/2016	Pump test per NFPA	\$ 351.00
9/2/2016	Patch Kit	\$ 70.60
11/10/2016	Annual Smoke Test	\$ 45.00
	Total	\$ 466.60

Utility 11	2007 Ford 150	
1/22/2016	Battery	\$ 302.55
	Total	\$ 302.55

Utility 311	2001 Ford F250	
1/7/2016	Transmission overhaul	\$ 3,068.12
	Total	\$ 3,068.12

Chief 1100	2011 Ford F-150	
1/22/2016	Battery	\$ 171.15
10/11/2016	Replace four tires	\$ 708.00
11/15/2016	Battery	\$ 151.12
	Total	\$ 1,030.27

Chief 1101	2016 Ford F-150	
2/26/2016	Mobile Radio + installation	\$ 1,934.82
2/29/2016	Emergency lighting equipment + installation	\$ 9,447.32
3/29/2016	Key Lock Box	\$ 37.69
4/13/2016	Plastic Drag Chain- wire carrier/ protector	\$ 31.78
8/11/2016	Reflective Stripes	\$ 1,177.69
12/6/2016	Oil Change, Filter and Rotate Tires	\$ 46.39
12/12/2016	Docking Station for Mobile Data Computer (MDC)	\$ 970.00
12/27/2016	Mobile Data Computer (MDC)	\$ 4400.30
	Total	\$ 18,045.99

	Equipment	
2/15/2016	Service Work on Holmatro Rescue Tools	\$ 1,904.26
2/26/2016	BH VHF Molded Threaded Antenna	\$ 54.00
3/2/2016	STIHL – Chainsaw maintenance	\$ 30.00
3/10/2016	Replace 1 3/4" hose (Combat attack hose)	\$ 765.18
3/21/2016	MSA SCBA Strap	\$ 84.52
3/23/2016	4-Channel Gas Meter Cartridges	\$ 691.82
4/15/2016	Repair for radio for E-11	\$ 175.38
4/18/2016	Replace 1 3/4" hose (Combat attack hose)	\$ 2,295.54
4/20/2016	Replace 5" LDH Supply hose	\$ 1,508.71
4/21/2016	Annual Maintenance for Chemical Extinguishers	\$ 474.58
5/15/2016	Service Work on Holmatro Rescue Tools	\$ 1,948.40
6/1/2016	Self Contained Breathing Apparatus (SCBA) for 1101	\$ 5,567.40
6/2/2016	US&R Equipment Rescue Rope / Hardware	\$ 1,636.41
7/30/2016	Service Work on Holmatro Rescue Tools	\$ 1,671.64
8/2/2016	Power Prod Ni-Cad Battery	\$ 428.84
8/18/2016	Rescue Trailer Equipment (Dolly)	\$ 43.76
8/19/2016	Nozzle Seal Replacement Kit - E-211	\$ 75.87
8/31/2016	2.5 Gallon Water Pressurized Ext Teardown, Gauge	\$ 26.13
9/28/2016	Laser Temp Gauge	\$ 102.59
9/30/2016	Milwaukee Cordless Combo Kit & Palm Nailer Kit	\$ 907.00
10/17/2016	Cordless Combo Kit for R-11	\$ 729.99
11/14/2016	Socket Set (Shop Equipment)	\$ 172.79
12/19/2016	Bin Box Storage Bench	\$ 176.04
	Total	\$ 21,470.85

Staff 11	2015 Hyundai Tucson	
3/23/2016	Repair of back seat	\$ 125.00
	Total	\$ 125.00


2016 Facilities Maintenance Summary
911 Donaldson Way

Date	Company	Item	Amount	Remarks
1/1/2016	Tri-Signal	Central Station Monitoring	\$ 60.00	50/50 Bill total \$120.00
1/29/2016	Zeco Electric Company	Lighting Fixtures	\$ 453.43	Replace Inop Lights
1/29/2016	Western State Design	Washer Repair	\$ 181.50	
2/3/2016	Emergency Power Systems	Service Call 140KW Generator	\$ 378.37	50/50 Bill total \$756.75
2/3/2016	Amazon.com	Coffee Maker	\$ 34.98	
2/8/2016	Olde Town Floors	Carpet Installation Glue down	\$ 742.34	
2/16/2016	Fitguard	Preventative Maintenance Visit	\$ 145.00	
2/17/2016	Hagemeyer	Quarterly Air Compressor Test	\$ 937.50	
2/17/2016	Western State Design	Washer Installation Materials & Labor	\$ 1,485.00	
2/24/2016	Emergency Power Systems	Quarterly Inspection 140KW Genset	\$ 307.87	50/50 Bill total \$615.75
3/4/2016	Service Master	Vacuum, Shampoo Carpet, Tile/Grout Cleaning	\$ 845.10	
3/22/2016	1000Bulbs.com	30 Light Bulbs	\$ 144.91	
4/1/2016	Tri-Signal	Central Station Monitoring	\$ 60.00	50/50 Bill total \$120.00
4/19/2016	Fitguard	Maintenance Visit	\$ 145.00	
5/16/2016	R & S Erection of Vallejo	Furnish and Install 6 Doors	\$62,400.00	Apparatus Bay
5/20/2016	Peterson Mechanical	Belt Replacement/ Full Service	\$ 420.00	
4/25/2016	R & S Erection of Vallejo	Garage Doors - broken right cable, left cable off drum	\$ 650.25	
4/26/2016	Promaxima Manufacturing	Pro Full Power Rack	\$ 1,740.00	Fitness equipment
4/27/2016	Dell	Computer	\$ 1,235.52	
5/19/2016	Dell	Computer	\$ 1,235.52	
5/9/2016	Tri-Signal	Notifier Panel needs to be replaced	\$ 170.50	50/50 Bill total \$341.00
6/17/2016	Emergency Power Systems	Quarterly Inspection 140KW Genset	\$ 180.39	50/50 Bill total: \$360.78
6/24/2016	Hagemeyer	Quarterly Service Air Compressor	\$ 150.00	
6/24/2016	Service Master	Vacuum, Shampoo Carpet, Tile/Grout Cleaning	\$ 845.10	
6/30/2016	Air Exchange	Plymovent Vehicle Exhaust System annual service	\$ 170.00	

		Quarterly charge for central station monitoring agreement		
7/1/2016	Tri-Signal		\$ 60.00	50/50 Bill \$120.00
7/3/2016	Bulbs.com	Bulbs	\$ 19.91	
7/19/2016	Fitguard	Preventative Maintenance Visit	\$ 145.00	
8/13/2016	Zeco Electric Company	Repair and replace 2 lamp T8 fluorescent ballast	\$ 325.00	
9/3/2016	Bay Area Air Quality	Permit to Operate (Fuel Tank)	\$ 205.00	
9/9/2016	Service Master	Vacuum, Shampoo Carpet, Tile/Grout Cleaning	\$ 695.10	
9/9/2016	Access Systems	Velocity serviced	\$ 300.00	50/50 bill \$600.00
9/11/2016	Swansons Painting	Paint exterior beams	\$ 4,888.00	
9/20/2016	Peterson Mechanical	Filter Change Service	\$ 203.00	
9/22/2016	RC Repair clinic.com	Dryer parts	\$ 115.35	
9/26/2016	Hagemeyer	Quarterly Service Air Compressor	\$ 150.00	
10/3/2016	Tri-Signal	24 Hour Fire Alarm Monitoring	\$ 60.00	50/50 Bill \$120.00
10//10/2016	Neopost	Online rate maintenance	\$ 37.18	50/50 Bill \$37.18
10/11/2016	Fit Guard	Preventative Maintenance Visit	\$ 145.00	
11/3/2016	Bay Area Air Quality	Annual Permit Renewal (Generator)	\$ 177.00	50/50 Bill \$354.00
11//4/16	Capital Appliance Service	Oven - replaced thermostat	\$ 340.08	
11/17/2016	Emergency Power Systems	Annual PM Service to Generator	\$ 1,552.05	50/50 Bill \$3,104.17
11/22/2016	Access Systems	Replace scramble pad	\$ 1,779.50	
12/5/2016	Service Master	Vacuum, Shampoo Carpet, Tile/Grout Cleaning & Upholstery Cleaning-Recliners	\$ 858.15	
12/5/2016	CED- Napa	15A SPDT mom cont switch	\$ 177.66	
12/27/2016	Emergency Power Systems	Inspect 140kW diesel genset	\$ 304.09	50/50 Bill \$608.17
Total			\$87,655.35	

225 James Road

Date	Company	Item	Amount
2/4/2016	Afforda-Test	Testing on Above Ground Tank	\$ 379.00
2/24/2016	Emergency Power Systems	Quarterly Inspection	\$ 210.00
5/18/2016	Napa County Planning, Building & Environmental Services	Hazardous Waste Permit	\$ 631.00
6/7/2016	Bay Area Air Quality	Permit to Operate	\$ 194.00
10/14/2016	Lowe's	Plumbing Supplies for Irrigation System	\$ 13.46
Total			\$ 1,427.46

Total

\$ 89,082.81

