

AGENDA
EL DORADO HILLS COUNTY WATER DISTRICT
(FIRE DEPARTMENT)
BOARD OF DIRECTORS
EIGHT HUNDRED FIFTY THIRD MEETING
Thursday, September 15, 2022
5:30 p.m. Closed Session
6:00 p.m. Open Session
(1050 Wilson Blvd., El Dorado Hills, CA)

ATTENTION

Residents planning to address the Board of Directors at this Board meeting: due to the concerns about the COVID-19 virus, we respectfully ask if you are feeling ill for any reason not to attend in person.

Zoom Webinar Video Conference link:

<https://us02web.zoom.us/j/87503176283?pwd=YmNxOWU0dGpTWk1xTWt5cStwYzZvUT09>

Webinar ID: 875 0317 6283

Passcode: 809315

Conference Dial in:

1-669-900-9128

Please submit your comments in writing to clerkoftheboard@edhfire.com and they will be entered into the public record. If you choose to attend the Zoom meeting and wish to make a comment on an item, please use the “raise a hand” button or press *9 if dialing in by phone. Public comments will be limited to 3 minutes.

Thank you for your understanding during these challenging times.

NOTE

If you need a disability-related modification or accommodation, including auxiliary aids or services, to participate in this meeting, please contact the Board Clerk at 916-933-6623; ext. 1038, at least two (2) days prior to the meeting.

- I. Call to Order
- II. Closed Session Items
 - A. Closed Session pursuant to Government Code Section 54957.6; Conference with Labor Negotiators; Agency Designated Representatives: Finance Committee, Directors Giraud and White, Chief Johnson; Employee Organization: El Dorado Hills Professional Firefighters, Local 3604; Items Under Negotiation: Memorandum of Understanding with the El Dorado Hills Professional Firefighters pertaining to staffing at Station 91
 - B. Closed Session pursuant to Government Code Section 54957.6; Conference with Labor Negotiators; Agency Designated Representatives: Finance Committee, Directors Giraud and White, Chief Johnson; Employee Organization: El Dorado Hills Professional Firefighters, Local 3604; Items Under Negotiation: Potential meet and confer regarding ambulance staffing
 - C. Closed Session pursuant to Government Code Section 64956.9 (d)(2); significant exposure to litigation; Two Potential Matters
 - D. Closed Session pursuant to Government Code Section 54957(b)(1); Public Employee Performance Evaluation: Fire Chief
- III. Pledge of Allegiance
- IV. Presentation
 - A. Introduction of New Employee

- V. Consent Calendar (All matters on the Consent Calendar are to be approved by one motion unless a Board member requests separate action on a specific item.)
 - A. Approve Minutes of the 853rd Board meeting held August 18, 2022
 - B. Approve Financial Statements and Check Register for August 2022
End Consent Calendar

- VI. Oral Communications
 - A. EDH Professional Firefighters
 - B. EDH Firefighters Association
 - C. Any person wishing to address the Board on any item that is not on the Agenda may do so at this time. No action may be taken on off-agenda items unless authorized by law. Comments shall be limited to three minutes per person and twenty minutes for all comments unless otherwise authorized by the Board.

- VII. Correspondence

- VIII. Attorney Items

- IX. Committee Reports
 - A. Administrative Committee (Directors Bennett and Durante)
 - B. Finance Committee (Directors Giraud and White)
 - C. Joint Powers Authority (Directors Giraud and White)
 - D. Communications (Ad-Hoc) (Directors Durante and Hartley)
 - E. CRR Services (Ad-Hoc) (Directors Hartley and White)

- X. Fire Chief's Report

- XI. Operations Report
 - A. Operations Report (Receive and File)

- XII. Community Risk Reduction Report
 - A. CRRD Report

- XIII. Fiscal Items
 - A. Public Hearing: Review and approve Resolution 2022-16 approving the Final Budget for fiscal year 2022/23 and authorize expenditures from Reserve Funds
 - B. Receive and file annual Development Fee balance and expenditures report

- XIV. New Business
 - A. Review and approve Resolution 2022-17 approving the Side Letter Agreement #2 to the El Dorado Hills Professional Firefighters Memorandum of Understanding
 - B. Introduction and First Reading of Ordinance 2022-01 Adopting the 2022 Fire Code, as amended; set Public Hearing for October 20, 2022
 - C. Review and approve Resolution 2022-18 of appreciation to Donna Richmond for her generous donation of the land at Station 91
 - D. Review and approve strike team reimbursement to Deputy Chief Michael Lilienthal

- XV. Old Business
 - A. Rescue Shared Services Agreement Update
 - B. Training Facility Update
 - C. EDHCSD/EDHFD 2x2 update (Directors Bennett and Durante)

XVI. Oral Communications

- A. Directors
- B. Staff
- C. Schedule upcoming committee meetings

XVII. Adjournment

Note: Action may be taken on any item posted on this agenda.

This Board meeting is normally recorded.

EL DORADO HILLS COUNTY WATER DISTRICT

EIGHT HUNDRED FIFTY THIRD MEETING OF THE BOARD OF DIRECTORS

Thursday, August 18, 2022, 5:30 p.m.

District Office, 1050 Wilson Boulevard, El Dorado Hills, CA 95762

I. CALL TO ORDER

President Bennett called the meeting to order 5:30 p.m. Directors in attendance: Bennett, Giraud, Hartley, and White. Director Durante was absent. Staff in attendance: Chief Johnson and Director of Finance Braddock. Counsel Cook was also in attendance.

II. CLOSED SESSION

- A. Closed Session pursuant to Government Code Section 54957.6; Conference with Labor Negotiators; Agency Designated Representatives: Finance Committee, Directors Giraud and White, Chief Johnson; Employee Organization: El Dorado Hills Professional Firefighters, Local 3604; Discuss Local 3604's written request to meet and confer**
- B. Closed Session pursuant to Government Code Section 64956.9 (d)(2); significant exposure to litigation; Two Potential Matters**

The Board adjourned to closed session at 5:30 p.m.

The meeting reconvened at 6:00 p.m. No action was taken in Closed Session.

III. PLEDGE OF ALLEGIANCE

IV. PRESENTATION

- A. **Introduction of New Employee** – HR Director Hall introduced HR Specialist Eileen Worthing and welcomed her to the EDHFD team.**

The Board took a break from 6:03 p.m. to 6:14 p.m. for cake to welcome Eileen.

V. CONSENT CALENDAR

- A. **Approve Minutes of the 851st Board meeting held July 21, 2022****
- B. **Approve Minutes of the 852nd Board meeting held August 3, 2022****
- C. **Approve Financial Statements and Check Register for July 2022****

Director White asked that the HR and legal categories be separated in the financials.

Director Giraud made a motion to approve the Consent Calendar, seconded by Director White and unanimously carried.

VI. ORAL COMMUNICATIONS

- A. **EDH Professional Firefighters** – Brian Wilkey, president, reported that the call volume has been increasing and the crews are staying busy.**

- B. **EDH Firefighters Association** – None
- C. **Public Comment** – Public comment was made by John Whitfield.

VII. CORRESPONDENCE – Correspondence from two residents was included in the Board packet.

VIII. ATTORNEY ITEMS – None

IX. COMMITTEE REPORTS

- A. **Administrative Committee (Directors Durante and Bennett)**
 - 1. **Review and discuss final Strategic Assessment report and next steps** – Director Bennett reported that the Administrative Committee recommends that Staff and the Committee meet to discuss the Strategic Plan process.
- B. **Finance Committee (Directors White and Giraud)** – No report.
- C. **Joint Powers Authority (Directors Giraud and White)** – Chief Johnson stated that Diamond Springs permanently ended their contract with the JPA for Medic 49. He explained the negative impact this has had on the County system as well as our Staff.
- D. **Communications (Ad-Hoc) (Directors Hartley and Durante)** – No report.
- E. **Training Center (Ad-Hoc) (Directors Hartley and Bennett)** – Director Bennett dissolved the Training Center ad-hoc committee.

X. FIRE CHIEF’S REPORT - Chief Johnson reported the following to the Board:

- Staff met with the CSD to keep updated on what they are working on.
- He distributed several 15-year service awards.
- Ambulance transports and response times have increased.
- Critical calls have been increasing and are impacting the crews.
- The District received a grant-funded side-by-side UTV vehicle and will receive additional TOT funds to outfit the vehicle.
- Additional TOT funds will be distributed by El Dorado County in late August.
- He sat on a Blueprint 2030 panel to discuss department training needs statewide.

XI. OPERATIONS REPORT

- A. **Operations Report (Receive and File)** – Received and filed.

XII. COMMUNITY RISK REDUCTION REPORT

- A. **CRRD Report (Receive and File)** – Received and filed.

XIII. FISCAL ITEMS

- A. **Public Hearing: Review and approve Resolution 2022-12 adopting the appropriation limits for the 2022-23 fiscal year**

The public hearing was opened at 6:50 p.m.

Director of Finance Braddock explained the appropriations limit calculation and stated that the District’s appropriations are well under the limit.

The public hearing was closed at 6:56 p.m.

Director Giraud made a motion to approve Resolution 2022-12 adopting the appropriation limits for the 2022-23 fiscal year with the discussed clerical edits, seconded by Director White and unanimously carried. (Roll call: Ayes: 4; Noes: 0)

- B. Review and approve Resolution 2022-13 authorizing the surplus and disposal of capital assets for fiscal year 2021-22** – Director of Finance Braddock presented the list of surplus assets for fiscal year 2021-22.

Director Hartley made a motion to approve Resolution 2022-13 authorizing the surplus and disposal of capital assets for fiscal year 2021-22, seconded by Director White and unanimously carried. (Roll call: Ayes: 4; Noes: 0)

XIV. NEW BUSINESS

- A. Review and approve Resolution 2022-14 updating the development impact fee schedule for fiscal year 2021-22 inflation** – Director of Finance Braddock presented a resolution to update the development impact fee schedule for 2021/22 calculated inflation. Director White asked that the language in the Resolution be edited to reference the construction cost index.

Director Giraud made a motion to approve 2022-14 updating the development impact fee schedule for fiscal year 2021-22 inflation with the revised language referencing the construction cost index, seconded by Director White and unanimously carried. (Roll call: Ayes: 4; Noes: 0)

- B. Review and approve the District’s Conflict of Interest Code Resolution 2022-15** – Director of Finance Braddock presented the Conflict of Interest Code Resolution with the addition of the Fire Marshal position. Director White recommended that the language referring to the records management for the “Board of Directors and the Chief” be changed to “Board of Directors and designated employees”.

Director White made a motion to approve the District’s Conflict of Interest Code Resolution 2022-15 with the recommended edits, seconded by Director Giraud and unanimously carried. (Roll call: Ayes: 4; Noes: 0)

XV. OLD BUSINESS

- A. Rescue Shared Services Agreement Update** – Chief Johnson reported that Chief Ransdell is performing the Fire Chief duties for Rescue FPD and Rescue Staff has been directed to hire a temporary Administrative Assistant employee while they recruit for the permanent position.
- B. Training Facility Update** – Chief Hall reported that the Training Facility project is about 33% completed and is on schedule and on budget.
- C. EDHCSD/EDHFD 2x2 update (Directors Bennett and Durante)** – No report.

XVI. ORAL COMMUNICATIONS

- A. Directors** – Director Hartley reported that all 3 Directors up for re-election ran unopposed. Director Bennet established a new ad-hoc committee called the “Community Risk Reduction Services committee” and assigned it to Directors Hartley and White. Director Durante (read into the comments by Chief Johnson) thanked the crews for their excellent response to his property today.
- B. Staff** – Director of Finance Braddock stated that the best-practice for meeting minutes is to record action-only minutes and the District’s minutes exceed those recommendations. She asked for Board direction on whether or not they would like something different. Director White suggested the public comments be recorded by only stating who spoke without including and content and the Board concurred.
- C. Schedule upcoming committee meetings** – None

XVII. ADJOURNMENT

The meeting adjourned at 7:16 p.m.

Approved:

Bobbi Bennett, President

Jessica Braddock, Board Secretary

This is a summary of the meeting. Board Meetings are recorded, and anyone wanting to listen to the full meeting recording should contact the main office at 916-933-6623 or inquiries@edhfire.com.

El Dorado Hills Fire Department
Revenue and Expense Summary - ALL FUNDS
For the Period Ending August 31, 2022



					(Target 17%)	
	Preliminary Budget FY22/23	Actual August 2022	Actual YTD August 31, 2022	Variance YTD Actual to Full Year Budget	YTD Actual % of Full Year Budget	Notes/Comments
Revenue						
3240 · Tax Revenue						
3260 · Secured Tax Revenue	21,709,329	910	910	(21,708,418)		
3270 · Unsecured Tax Revenue	372,323	1,342	1,342	(370,980)		
3280 · Homeowners Tax Revenue	161,208	-	-	(161,208)		
3320 · Supplemental Tax Revenue	480,000	6,610	6,610	(473,390)		Timing of property tax collection
3330 · Sacramento County Revenue	32,604	-	-	(32,604)		
3335 · Latrobe Revenue				-		
3335.2 · Latrobe Special Tax	36,900	60	60	(36,840)		
3335.3 · Latrobe Base Transfer	86,642	-	-	(86,642)		
3340 · Property Tax Administration Fee	(399,493)	-	-	399,493		
Total 3240 · Tax Revenue	22,479,512	8,922	8,922	(22,470,590)	0%	
3500 · Misc. Operating Revenue						
3506 · CRRD Cost Recovery Fees	590,000	3,342	93,999	(496,001)	16%	
3507 · Hosted Training Revenue	90,000	-	90,525	525	101%	Training grant received - to be offset by registration refunds
3512 · JPA Revenue	1,150,000	-	-	(1,150,000)	0%	Timing of collection; pending new contract
3513 · Rental Income (Cell site)	54,180	4,515	9,030	(45,150)	17%	
3514.1 · Operating Grants Revenue	113,635	-	-	(113,635)	0%	Timing of grant proceeds
3514.2 · Capital Grants Revenue	31,170	-	-	(31,170)	0%	Timing of grant proceeds
3515 · OES/Mutual Aid Reimbursement	1,000,000	-	46,523	(953,477)	5%	Timing of fire season
3520 · Interest Earned	40,000	642	642	(39,358)	2%	Timing of interest collection
3500 · Misc. Operating Revenue - Other	132,000	10,176	67,819	(64,181)	51%	Workers' Compensation Dividends received in Jul-22
Total 3500 · Misc. Operating Revenue	3,200,985	18,674	308,537	(2,892,448)	10%	
Total Operating Revenue	\$ 25,680,497	\$ 27,596	\$ 317,460	\$ (25,363,037)	1%	
3550 · Development Fee						
3560 · Development Fee Revenue	1,300,000	73,371	206,804	(1,093,196)	16%	
3561 · Development Fee Interest	-	8,176	8,176	8,176	100%	
Total 3550 · Development Fee	1,300,000	81,547	214,980	(1,085,020)	17%	
3568 · Proceeds from Insurance	-	-	-	-	0%	
3570 · Proceeds from Sale of Assets	-	-	-	-	0%	
Total Revenue	\$ 26,980,497	\$ 109,144	\$ 532,440	\$ (26,448,057)	2%	

El Dorado Hills Fire Department
Revenue and Expense Summary - ALL FUNDS
For the Period Ending August 31, 2022



					(Target 17%)	
	Preliminary Budget FY22/23	Actual August 2022	Actual YTD August 31, 2022	Variance YTD Actual to Full Year Budget	YTD Actual % of Full Year Budget	Notes/Comments
Expenditures						
6000 · Salaries & Wages						
6001 · Salaries & Wages, Fire	7,845,372	587,206	1,173,990	6,671,382	15%	
6011 · Education/Longevity Pay	516,450	38,211	75,559	440,891	15%	
6015 · Salaries & Wages, CRRD	819,145	69,923	129,947	689,198	16%	
6016 · Salaries & Wages, Administration	815,686	48,435	95,503	720,183	12%	
6017 · Intern/Volunteer Stipends	4,500	-	195	4,305	4%	
6018 · Director Pay	16,000	700	700	15,300	4%	
6019 · Overtime						
6019.1 · Overtime, Operational	1,424,420	273,001	351,762	1,072,658	25%	Employees on long-term leave; Pending OT reclass to OES once F-42's are received Timing of fire season
6019.2 · Overtime, Outside Aid	826,446	-	222,422	604,024	27%	
Total 6019 · Overtime	2,250,866	273,001	574,184	1,676,682	26%	
6020 · P.E.R.S. Retirement	3,702,135	151,156	2,084,287	1,617,848	56%	Annual required lump sum payments made in Jul-22
6030 · Workers Compensation	754,353	53,874	107,748	646,605	14%	
6031 · Life Insurance	7,278	473	1,386	5,892	19%	
6032 · P.E.R.S. Health Benefits	2,008,554	155,873	459,149	1,549,405	23%	Paid Sept premium in Aug
6033 · Disability Insurance	21,948	3,570	5,399	16,550	25%	
6034 · Health Cost of Retirees	1,154,310	69,174	206,990	947,320	18%	
6040 · Dental/Vision Expense	251,460	25,537	43,884	207,576	17%	
6050 · Unemployment Insurance	15,120	456	940	14,180	6%	
6070 · Medicare	174,657	15,704	31,547	143,109	18%	
Total 6000 · Salaries & Wages	20,357,832	1,493,293	4,991,409	15,366,424	25%	
6100 · Clothing & Personal Supplies						
6101 · Uniform Allowance	55,400	392	25,469	29,931	46%	Uniform allowance 1st installment paid Jul-22
6102 · Other Clothing & Personal Supplies	61,970	5,754	9,362	52,608	15%	
Total 6100 · Clothing & Personal Supplies	117,370	6,146	34,831	82,539	30%	
6110 · Network/Communications						
6111 · Telecommunications	57,108	3,654	7,236	49,871	13%	6/30/22 accrual reversal - timing of Q4 2022 dispatch payment
6112 · Dispatch Services	80,000	-	(18,705)	98,705	-23%	

El Dorado Hills Fire Department
Revenue and Expense Summary - ALL FUNDS
For the Period Ending August 31, 2022



					(Target 17%)	
	Preliminary Budget FY22/23	Actual August 2022	Actual YTD August 31, 2022	Variance YTD Actual to Full Year Budget	YTD Actual % of Full Year Budget	Notes/Comments
6113 · Network/Connectivity	95,195	4,822	9,511	85,685	10%	
Total 6110 · Communications	232,303	8,476	(1,958)	234,261	-1%	
6120 · Housekeeping	68,730	5,571	11,616	57,114	17%	
6130 · Insurance						
6131 · General Insurance	100,000	-	28,833	71,167	29%	General liability insurance paid through Oct-22
Total 6130 · Insurance	100,000	-	28,833	71,167	29%	
6140 · Maintenance of Equipment						
6141 · Tires	20,000	4,068	5,935	14,065	30%	
6142 · Parts & Supplies	50,000	6,665	9,399	40,601	19%	
6143 · Outside Work	75,000	-	625	74,375	1%	
6144 · Equipment Maintenance	45,020	196	1,824	43,196	4%	
6145 · Radio Maintenance	22,950	326	456	22,494	2%	
Total 6140 · Maintenance of Equipment	212,970	11,254	18,239	194,731	9%	Timing of maintenance
6150 · Facilities Maintenance	376,808	27,397	35,044	341,764	9%	Timing of facilities projects
6160 · Medical Supplies						
6161 · Medical Supplies	45,000	3,387	5,585	39,415	12%	
Total 6160 · Medical Supplies	45,000	3,387	5,585	39,415	12%	
6170 · Dues and Subscriptions	16,455	425	11,103	5,352	67%	Subscriptions paid for Business Park Homeowners, LCW ERC Membership, Cal Fire Chiefs Annual Membership, FDAC Annual Membership
6180 · Miscellaneous						
6181 · Miscellaneous	12,000	785	942	11,058	8%	
6182 · Honor Guard	-	-	-	-	0%	
6183 · Explorer Program	2,500	100	100	2,400	4%	
6184 · Pipes and Drums	-	-	-	-	0%	
Total 6180 · Miscellaneous	14,500	885	1,042	13,458	7%	
6190 · Office Supplies	43,606	3,469	5,154	38,452	12%	
6200 · Professional Services						
6201 · Audit	15,900	4,020	4,020	11,880	25%	Interim fieldwork completed Jul-22
6202 · Legal/Human Resources	262,550	28,078	31,590	230,960	12%	
6203 · Notices	2,500	105	200	2,301	8%	

El Dorado Hills Fire Department
Revenue and Expense Summary - ALL FUNDS
For the Period Ending August 31, 2022



					(Target 17%)	
	Preliminary Budget FY22/23	Actual August 2022	Actual YTD August 31, 2022	Variance YTD Actual to Full Year Budget	YTD Actual % of Full Year Budget	Notes/Comments
6204 · Other Professional Services	113,622	5,174	7,498	106,124	7%	Timing of budgeted consulting projects
6205 · Elections/Tax Administration	40,000	-	-	40,000	0%	
6206 · Public Relations	18,850	2,349	2,600	16,250	14%	
Total 6200 · Professional Services	453,422	39,726	45,908	407,514	10%	
6210 · Information Technology						Paid Telestaff, Learning Stream, ArcGIS, Tablet Command, NeoGov, Zoom, Radio Mobile, Concur, IDT Plans, Target Solutions, etc.
6211 · Software Licenses/Subscriptions	181,293	16,327	76,591	104,702	42%	
6212 · IT Support/Implementation	234,272	20,747	29,422	204,850	13%	
6213 · IT Equipment	170,010	4,629	12,520	157,490	7%	
Total 6210 · Information Technology	585,575	41,703	118,534	467,041	20%	
6220 · Rents and Leases						
6221 · Facilities/Equipment Lease	83,064	5,106	10,191	72,873	12%	
6222 · Solar Lease	-	-	-	-	0%	
Total 6220 · Rents and Leases	83,064	5,106	10,191	72,873	12%	
6230 · Small Tools and Supplies	100,445	9,323	11,362	89,083	11%	
6240 · Special Expenses						
6241 · Non-Hosted Training	184,887	(10,831)	(7,641)	192,528	-4%	Credit for paramedic grant passthrough received
6241.1 · EDC Hosted Training	75,000	9,400	12,400	62,600	17%	
6242 · Fire Prevention	125,800	18,572	20,340	105,460	16%	
Total 6240 · Special Expenses	385,687	17,141	25,099	360,588	7%	
6250 · Transportation and Travel						
6251 · Fuel and Oil	140,000	16,213	26,717	113,283	19%	
6252 · Travel	42,000	2,603	2,648	39,352	6%	
6253 · Meals & Refreshments	23,000	1,828	3,769	19,231	16%	
Total 6250 · Transportation and Travel	205,000	20,644	33,134	171,866	16%	
6260 · Utilities						
6261 · Electricity	40,000	11,819	5,194	34,806	13%	
6262 · Natural Gas/Propane	35,000	474	963	34,037	3%	
6263 · Water/Sewer	20,500	3,463	3,463	17,037	17%	
Total 6260 · Utilities	95,500	15,755	9,620	85,880	10%	
Total Operating Expenditures	\$ 23,494,268	\$ 1,709,701	\$ 5,394,745	\$ 18,099,523	23%	

El Dorado Hills Fire Department
Revenue and Expense Summary - ALL FUNDS
For the Period Ending August 31, 2022



	Preliminary Budget FY22/23	Actual August 2022	Actual YTD August 31, 2022	Variance YTD Actual to Full Year Budget	(Target 17%) YTD Actual % of Full Year Budget	Notes/Comments
Operating Revenue - Operating Expenditures	\$ 2,186,229	\$ (1,682,105)	\$ (5,077,285)	\$ 7,263,514		
6570 · OPEB UAL Lump Sum Payment	-	-	-	-	0%	
6720 · Fixed Assets	14,443,870	902,441	910,933	13,532,937	6%	Timing of asset purchases/training center invoices
Total Expenditures	\$ 37,938,138	\$ 2,612,142	\$ 6,305,678	\$ 31,632,460	17%	
Total Revenue - Total Expense	\$ (10,957,641)	\$ (2,502,998)	\$ (5,773,238)	\$ 5,184,404		
<u>FUND TRANSFERS</u>						
Transfers to Development Fee Fund	\$ (1,300,000)					
Transfers from Development Fee Fund	9,712,925					
Transfers to Pension Reserve Fund	-					
Transfers from Capital Replacement Fund	4,730,946					
Transfers to Capital Replacement Fund	(2,186,229)					
Net Change in Unassigned/Non-Spendable Fund Balance	\$ 0					

El Dorado Hills Fire Department

9/12/2022 4:36 PM

Register: 1000 · Bank of America
 From 08/01/2022 through 08/31/2022
 Sorted by: Date, Type, Number/Ref

Date	Number	Payee	Account	Memo	Payment	C	Deposit	Balance
08/01/2022	EFT	VSP Vision Care	6043 · Vision Insurance	Aug-22	787.00	*		2,618,625.60
08/01/2022	EFT	P.E.R.S. Retirement	-split-	Uniform Allow...	5,749.86	*		2,612,875.74
08/01/2022	EFT	De Lage Landen Fina...	-split-	Account # 159...	175.03	*		2,612,700.71
08/01/2022	EFT	El Dorado Disposal ...	-split-	7/01/22-7/31/22	965.76	*		2,611,734.95
08/01/2022	EFT	Sterling Administrati...	-split-		275.00	*		2,611,459.95
08/01/2022	25425	Golden State Fire Ap...	-split-	Invoice # 746028	902,489.56	*		1,708,970.39
08/01/2022	25426	Golden State Fire Ap...	-split-	Invoice # 746029	1,479,913.06	*		229,057.33
08/02/2022		Deposit	6018 · Director Pay	VOID Check #...		*	300.00	229,357.33
08/02/2022		Deposit	6720 · Fixed Assets	VOID Check # ...		*	250.00	229,607.33
08/02/2022	EFT	Sterling Administrati...	-split-		1,007.47	*		228,599.86
08/02/2022	EFT	Sterling Administrati...	-split-		896.82	*		227,703.04
08/02/2022	25427	Alec Dietrich	2029 · Other Payable		1,437.92	*		226,265.12
08/03/2022	EFT	Sterling Administrati...	-split-		332.40	*		225,932.72
08/03/2022	EFT	P. G. & E.	-split-		4,246.82	*		221,685.90
08/03/2022	25428	Ken Garff West Vall...	-split-	Deal # 410155	80,000.00	*		141,685.90
08/03/2022	25429	A-CHECK	6202 · Legal/Human R...	Inv # 59-06842...	32.50	*		141,653.40
08/03/2022	25430	Advantage Gear, Inc.	-split-		1,097.85	*		140,555.55
08/03/2022	25431	Aflac	2100 · Payroll Liabilities	Inv # 217307	973.41	*		139,582.14
08/03/2022	25432	Alert-All Corp	6242 · Fire Prevention		268.13	*		139,314.01
08/03/2022	25433	Aramark	6120 · Housekeeping	Acct. # 175878...	41.20	*		139,272.81
08/03/2022	25434	Arnolds for Awards	6102 · Other Clothing ...		196.27	*		139,076.54
08/03/2022	25435	Benuto Tree Service	6150 · Facilities Maint...	Weed Abatement	2,450.00	*		136,626.54
08/03/2022	25436	C&H Motor Parts	6142 · Parts & Supplies		1,008.83	*		135,617.71
08/03/2022	25437	CA Assoc. of Profess...	-split-	August 2022	1,770.00	*		133,847.71
08/03/2022	25438	Central Valley Floor ...	-split-		11,135.00	*		122,712.71
08/03/2022	25439	Conexwest	6150 · Facilities Maint...	Invoice # 144660	4,443.39	*		118,269.32
08/03/2022	25440	InterState Oil Compa...	-split-		3,016.55	*		115,252.77
08/03/2022	25441	Liebert Cassidy Whit...	6202 · Legal/Human R...		152.00	*		115,100.77
08/03/2022	25442	Managed Health Net...	6204 · Other Professio...	Invoice # PRM...	654.59	*		114,446.18
08/03/2022	25443	Preferred Alliance, Inc.	6202 · Legal/Human R...	Invoice # 0175...	84.00	*		114,362.18
08/03/2022	25444	Scott's PPE Recon, I...	6102 · Other Clothing ...	Invoice # 38141	98.12	*		114,264.06
08/03/2022	25445	SignChef Inc.	6242 · Fire Prevention		117.98	*		114,146.08
08/03/2022	25446	Streamline	6212 · IT Support/Impl...		400.00	*		113,746.08
08/03/2022	25447	Trace Analytics, Inc.	6144 · Equipment Mai...	Invoice # 22-1...	178.00	*		113,568.08
08/03/2022	25448	Bobbi Bennett	6018 · Director Pay	July-22	100.00	*		113,468.08
08/03/2022	25449	Greg F. Durante (Dir...	6018 · Director Pay	July-22	100.00	*		113,368.08
08/03/2022	25450	John Giraud	-split-	July-22	400.00	*		112,968.08
08/03/2022	25451	Timothy J. White	-split-	July-22	300.00	*		112,668.08
08/03/2022	25452	Chase Bank	2029 · Other Payable	July 2022	450.00	*		112,218.08
08/03/2022	25453	Wells Fargo Bank	2026 · EDH Associate...	July 2022	5,353.40	*		106,864.68

El Dorado Hills Fire Department

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Date	Number	Payee	Account	Memo	Payment	C	Deposit	Balance
08/03/2022	25454	Charles J. Hartley	6018 · Director Pay	Jul-22	100.00	*		106,764.68
08/04/2022	EFT	Sterling Administrati...	-split-		1,717.16	*		105,047.52
08/04/2022	EFT	Sterling Administrati...	-split-		1,436.00	*		103,611.52
08/05/2022		Deposit	1114 · Due from other ...	Sac County Pro...		*	793.21	104,404.73
08/05/2022	EFT	ADP	-split-	Payroll Process...	948.05	*		103,456.68
08/05/2022	EFT	ADP HCM	6204 · Other Professio...	Workforce No...	308.10	*		103,148.58
08/05/2022	EFT	P. G. & E.	-split-		126.63	*		103,021.95
08/06/2022	EFT	Sterling Administrati...	-split-		279.68	*		102,742.27
08/08/2022		Transfer from LAIF	1074 · Local Agency I...	Confirm #1671...		*	1,800,000.00	1,902,742.27
08/08/2022		Deposit	-split-	Deposit		*	17,911.97	1,920,654.24
08/09/2022	EFT	Sterling Administrati...	-split-		971.54	*		1,919,682.70
08/09/2022	EFT	Sterling Administrati...	-split-		1,733.00	*		1,917,949.70
08/09/2022	EFT	Sterling Administrati...	-split-		3,488.50	*		1,914,461.20
08/10/2022	EFT	U.S. Bank Telepay	2010 · Accounts Payable	Reference # 12...	22,661.90	*		1,891,799.30
08/10/2022	EFT	Sterling Administrati...	-split-		650.00	*		1,891,149.30
08/10/2022	EFT	Sterling Administrati...	6204 · Other Professio...	July-22	364.00	*		1,890,785.30
08/10/2022	25455	Advanced IPM	-split-		748.00	*		1,890,037.30
08/10/2022	25456	Aramark	-split-	Acct. # 175878...	82.40	*		1,889,954.90
08/10/2022	25457	AT&T	-split-	July-22	30.50	*		1,889,924.40
08/10/2022	25458	Baytel	6212 · IT Support/Impl...		2,187.50	*		1,887,736.90
08/10/2022	25459	Caltronics Business ...	-split-	Invoice # 3551...	468.20	*		1,887,268.70
08/10/2022	25460	Deal Heating & Air, ...	6150 · Facilities Maint...		819.72	*		1,886,448.98
08/10/2022	25461	DG Granade	6720 · Fixed Assets	Application # 4	736,380.15	*		1,150,068.83
08/10/2022	25462	East Bay Tire Co.	6141 · Tires	Invoice # 1853...	4,067.91	*		1,146,000.92
08/10/2022	25463	FedEx	6190 · Office Supplies	Acct 5320-132...	65.82	*		1,145,935.10
08/10/2022	25464	Ferrell Gas	6262 · Natural Gas/Pro...	Account # 886...	25.00	*		1,145,910.10
08/10/2022	25465	The Home Depot Pro	-split-		435.52	*		1,145,474.58
08/10/2022	25466	Churchll's Hardware ...	6233 · Station Tools/S...	Customer Acco...	5.35	*		1,145,469.23
08/10/2022	25467	Larry R. Fry	-split-		476.20	*		1,144,993.03
08/10/2022	25468	Life Assist	-split-		1,681.10	*		1,143,311.93
08/10/2022	25469	L.N. Curtis & Sons	-split-		4,927.99	*		1,138,383.94
08/10/2022	25470	Mark Romer	6241.1 · EDC Hosted ...		1,500.00	*		1,136,883.94
08/10/2022	25471	Motorola Solutions Inc	-split-	Customer Acct....	239.51			1,136,644.43
08/10/2022	25472	Mountain Democrat	6203 · Notices		105.00	*		1,136,539.43
08/10/2022	25473	PBK-WLC Architects	6720 · Fixed Assets		3,648.00	*		1,132,891.43
08/10/2022	25474	Quadient Finance US...	6190 · Office Supplies	Account # 790...	600.00	*		1,132,291.43
08/10/2022	25475	Richardson & Comp...	6201 · Audit	Invoice No. 11...	4,020.00			1,128,271.43
08/10/2022	25476	Ross Drulis Cusenbery	-split-	Invoice # 2019...	18,874.00	*		1,109,397.43
08/10/2022	25477	Silverado Avionics	6145 · Radio Maintena...	Invoice # 2429	86.30	*		1,109,311.13
08/10/2022	25478	Sutphen Corporation	6142 · Parts & Supplies		213.20	*		1,109,097.93

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08/11/2022	EFT	P.E.R.S. ING	-split-	PR22-8-1	2,570.23	*		1,106,527.70
08/11/2022	EFT	P.E.R.S. Retirement	-split-	PR22-8-1	115,435.59	*		991,092.11
08/11/2022	EFT	Sterling Administrati...	-split-		1,271.96	*		989,820.15
08/11/2022	EFT	Sterling Administrati...	-split-		524.00	*		989,296.15
08/11/2022	EFT	Sterling Administrati...	-split-		180.00	*		989,116.15
08/11/2022	PR22-8-1		-split-	Total Payroll T...	116,988.71	*		872,127.44
08/11/2022	PR22-8-1		1000 · Bank of Americ...	Direct Deposit	356,191.42	*		515,936.02
08/11/2022	PR22-8-1		1000 · Bank of Americ...	Payroll Checks		*		515,936.02
08/12/2022	EFT	Nationwide Retireme...	-split-	PR22-8-1	22,183.01	*		493,753.01
08/12/2022	EFT	P. G. & E.	-split-		5,645.87	*		488,107.14
08/15/2022	EFT	De Lage Landen Fina...	-split-	Account # 152...	301.30	*		487,805.84
08/15/2022	EFT	P. G. & E.	-split-		669.52	*		487,136.32
08/15/2022	EFT	Verizon Wireless	-split-	July-22	70.20	*		487,066.12
08/15/2022	EFT	Verizon Wireless	-split-	July-22	6,520.96	*		480,545.16
08/16/2022	EFT	Sterling Administrati...	-split-		2,827.50	*		477,717.66
08/16/2022	EFT	Sterling Administrati...	-split-		686.35	*		477,031.31
08/17/2022	25479	4640 Golden Foothill...	-split-	Invoice # 21326	5,858.86	*		471,172.45
08/17/2022	25480	Air Exchange	-split-	Invoice # 9160...	1,073.78	*		470,098.67
08/17/2022	25481	Aramark	6120 · Housekeeping	Acct. # 175878...	41.20	*		470,057.47
08/17/2022	25482	Arnolds for Awards	-split-		140.60	*		469,916.87
08/17/2022	25483	Benuto Tree Service	-split-	Weed Abatement	12,900.00	*		457,016.87
08/17/2022	25484	Cal Fire	6241.1 · EDC Hosted ...		1,820.00	*		455,196.87
08/17/2022	25485	Caltronics Business ...	-split-	Invoice # 3554...	358.08	*		454,838.79
08/17/2022	25486	Camerado Glass	6150 · Facilities Maint...	Inv # 69176	1,836.51	*		453,002.28
08/17/2022	25487	Folsom Chevrolet	6142 · Parts & Supplies		158.62	*		452,843.66
08/17/2022	25488	Green Valley Road S...	6221 · Facilities/Equip...	Unit: H19 Tena...	360.00	*		452,483.66
08/17/2022	25489	Golden State Emerge...	6142 · Parts & Supplies	Invoice # CI03...	1,173.53	*		451,310.13
08/17/2022	25490	The Home Depot Pro	6120 · Housekeeping		339.17	*		450,970.96
08/17/2022	25491	InterState Oil Compa...	-split-		8,921.73	*		442,049.23
08/17/2022	25492	Life Assist	-split-		1,133.63	*		440,915.60
08/17/2022	25493	L.N. Curtis & Sons	-split-		2,668.20	*		438,247.40
08/17/2022	25494	Metropolitan Life Ins...	6031 · Life Insurance	Customer Num...	472.50	*		437,774.90
08/17/2022	25495	Roebbelen Construct...	-split-	RCMS Billing:...	11,185.00	*		426,589.90
08/17/2022	25496	The Permanente Med...	6204 · Other Professio...		2,000.00	*		424,589.90
08/18/2022	EFT	P.E.R.S. Retirement (...)	6020 · PERS Retireme...	GASB Reporti...	2,100.00	*		422,489.90
08/19/2022		Deposit	3500 · Misc. Operating...	US Bank Rewa...		*	1,936.90	424,426.80
08/19/2022	EFT	Sterling Administrati...	-split-		15.00	*		424,411.80
08/20/2022	EFT	Sterling Administrati...	-split-		331.68	*		424,080.12
08/21/2022	EFT	Sterling Administrati...	-split-		3.82	*		424,076.30
08/22/2022	EFT	P. G. & E.	-split-		627.36	*		423,448.94

El Dorado Hills Fire Department

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08/22/2022	EFT	Verizon Wireless	-split-	July-22	420.11	*		423,028.83
08/23/2022		Transfer from LAIF	1074 · Local Agency I...	Confirm #1672...		*	700,000.00	1,123,028.83
08/23/2022	EFT	Sterling Administrati...	-split-		203.85	*		1,122,824.98
08/23/2022	EFT	Sterling Administrati...	-split-		878.74	*		1,121,946.24
08/24/2022	EFT	P.E.R.S. ING	-split-	PR22-8-2	2,570.23	*		1,119,376.01
08/24/2022	EFT	P.E.R.S. Health	-split-	Sept 2022	222,588.81	*		896,787.20
08/24/2022	EFT	P.E.R.S. Retirement	-split-	PR22-8-2	120,356.42	*		776,430.78
08/24/2022	EFT	Sterling Administrati...	-split-		355.50	*		776,075.28
08/25/2022		Deposit	-split-	Deposit		*	67,120.84	843,196.12
08/25/2022	EFT	Nationwide Retireme...	-split-	PR22-8-2	22,183.01	*		821,013.11
08/25/2022	EFT	Sterling Administrati...	-split-		283.52	*		820,729.59
08/25/2022	EFT	Allied Administrator...	6042 · Dental Insurance	September 2022	5,472.09	*		815,257.50
08/25/2022	25497	Aramark	6120 · Housekeeping	Acct. # 175878...	41.20	*		815,216.30
08/25/2022	25498	Ashby Communicati...	6212 · IT Support/Impl...	Invoice # 19706	550.00	*		814,666.30
08/25/2022	25499	CA Assoc. of Profess...	-split-	September 2022	1,799.50			812,866.80
08/25/2022	25500	Camerado Glass	6150 · Facilities Maint...	Inv # 69224	2,046.36			810,820.44
08/25/2022	25501	Capital Building Mai...	-split-	Invoice # 14122	1,567.35	*		809,253.09
08/25/2022	25502	Chris Mitchell	6241.1 · EDC Hosted ...	Invoice # 01	3,000.00	*		806,253.09
08/25/2022	25503	Galls, LLC	-split-		1,923.60	*		804,329.49
08/25/2022	25504	ImageTrend, Inc.	-split-		17,760.11	*		786,569.38
08/25/2022	25505	Interwest Consulting ...	6242 · Fire Prevention	Invoice # 80858	4,638.75	*		781,930.63
08/25/2022	25506	Liberty Bell Smart H...	-split-		74.99	*		781,855.64
08/25/2022	25507	Life Assist	-split-		326.38	*		781,529.26
08/25/2022	25508	Nick Sharples Produ...	-split-	Invoice # 1770/...	2,250.00	*		779,279.26
08/25/2022	25509	Time Printing	6190 · Office Supplies	Invoice # 7847	104.16	*		779,175.10
08/25/2022	PR22-8-2		-split-	Total Payroll T...	97,803.14	*		681,371.96
08/25/2022	PR22-8-2		1000 · Bank of Americ...	Direct Deposit	322,044.29	*		359,327.67
08/25/2022	PR22-8-2		1000 · Bank of Americ...	Payroll Checks		*		359,327.67
08/29/2022	EFT	State Compensation ...	6030 · Workers Compe...	Policy # 11048...	53,873.92	*		305,453.75
08/30/2022	EFT	Sterling Administrati...	-split-		1,660.00	*		303,793.75
08/31/2022	25510	Aflac	2100 · Payroll Liabilities	Inv # 589477	648.94			303,144.81
08/31/2022	25511	Aramark	6120 · Housekeeping	Acct. # 175878...	41.20			303,103.61
08/31/2022	25512	Cal Fire	6241.1 · EDC Hosted ...		3,080.00			300,023.61
08/31/2022	25513	Caltronics Business ...	-split-	Invoice # 3562...	32.93			299,990.68
08/31/2022	25514	Datacate, Inc.	-split-	Invoice # 2046...	16,727.72			283,262.96
08/31/2022	25515	Hefner, Stark & Mar...	-split-		20,031.00			263,231.96
08/31/2022	25516	InterState Oil Compa...	-split-		3,814.58			259,417.38
08/31/2022	25517	Liberty Bell Smart H...	-split-		125.00			259,292.38
08/31/2022	25518	Liebert Cassidy Whit...	-split-		5,707.50			253,584.88
08/31/2022	25519	Longyear & Lavra, L...	6202 · Legal/Human R...	Inv # 21529	2,010.10			251,574.78

El Dorado Hills Fire Department

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08/31/2022	25520	Managed Health Net...	6204 · Other Professio...	Invoice # PRM...	654.59			250,920.19
08/31/2022	25521	Peraton Inc.	6212 · IT Support/Impl...		2,917.00			248,003.19
08/31/2022	25522	Public Safety Innovat...	-split-	Invoice # 1246/...	5,211.07			242,792.12
08/31/2022	25523	Roebbelen Construct...	-split-	RCMS Billing:...	45,976.07			196,816.05
08/31/2022	25524	Rotary	-split-	Aug 2022 Dues	210.00			196,606.05
08/31/2022	25525	Signal Service	6150 · Facilities Maint...	Invoice # 356680	126.00			196,480.05
08/31/2022	25526	Zoll Medical Corpor...	-split-	Invoice # 3543...	245.94			196,234.11
08/31/2022	25527	Firefighter Inspiratio...	6241 · Non-Hosted Tra...	Invoice # BCA...	1,500.00			194,734.11
08/31/2022	VerizonR...		3513 · Rental Income (...)	Verizon Month...		*	2,100.00	196,834.11

EL DORADO HILLS FIRE DEPARTMENT
“YOUR SAFETY ... OUR COMMITMENT”



MONTHLY OPERATIONS REPORT
AUGUST 2022

*All times are collected using a combination of Image Trend and Crystal Reports. The times are provided with the best accuracy possible.

Recruit Graduation

On August 19, 2022, the newest member of the EDH Family successfully completed a two-week orientation and joined the ranks of the proud men and women of the EDH Fire Department.

Congratulations and good luck Firefighter Paramedic Brandon McMurtry!



Strike Team, ISU, and IMT Deployments

In July, Department personnel responded to assist with multiple incidents around the north part of the State. The following are the incidents and resources that were deployed;

China 2 Incident, Klamath	E-386
McKinney Incident, Klamath	ISU



China 2 Incident

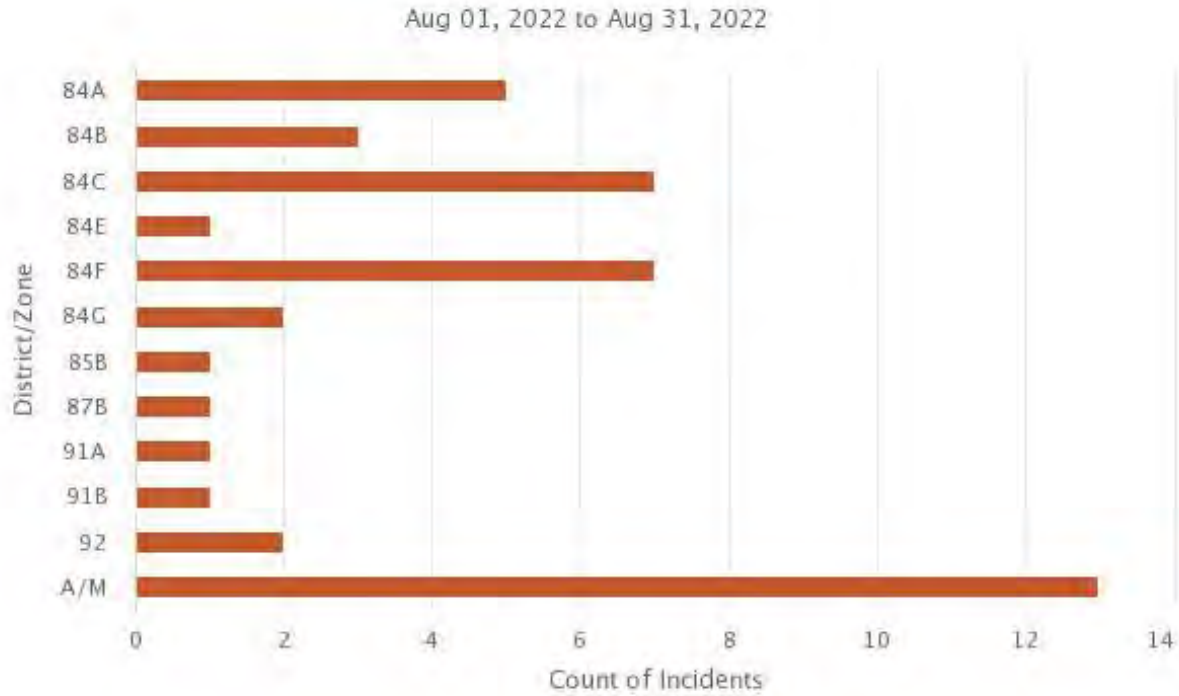


McKinney Incident

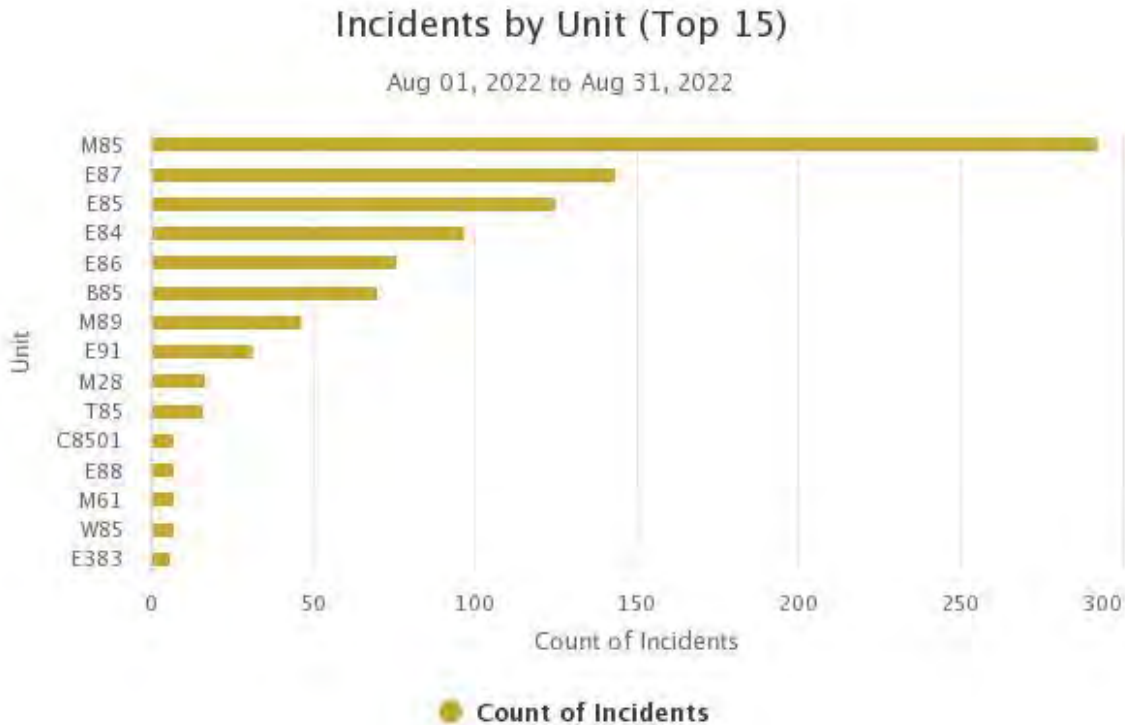
The Department received an Off-Road vehicle through grant funding. Also known as a “side-by-side”, this vehicle will be used for a multitude of situations. Opportunities to better serve the citizens of the District include remote area rescues, public events such as the Town Center Fireworks Show, Football game standbys, or Gold Country Half Marathons.



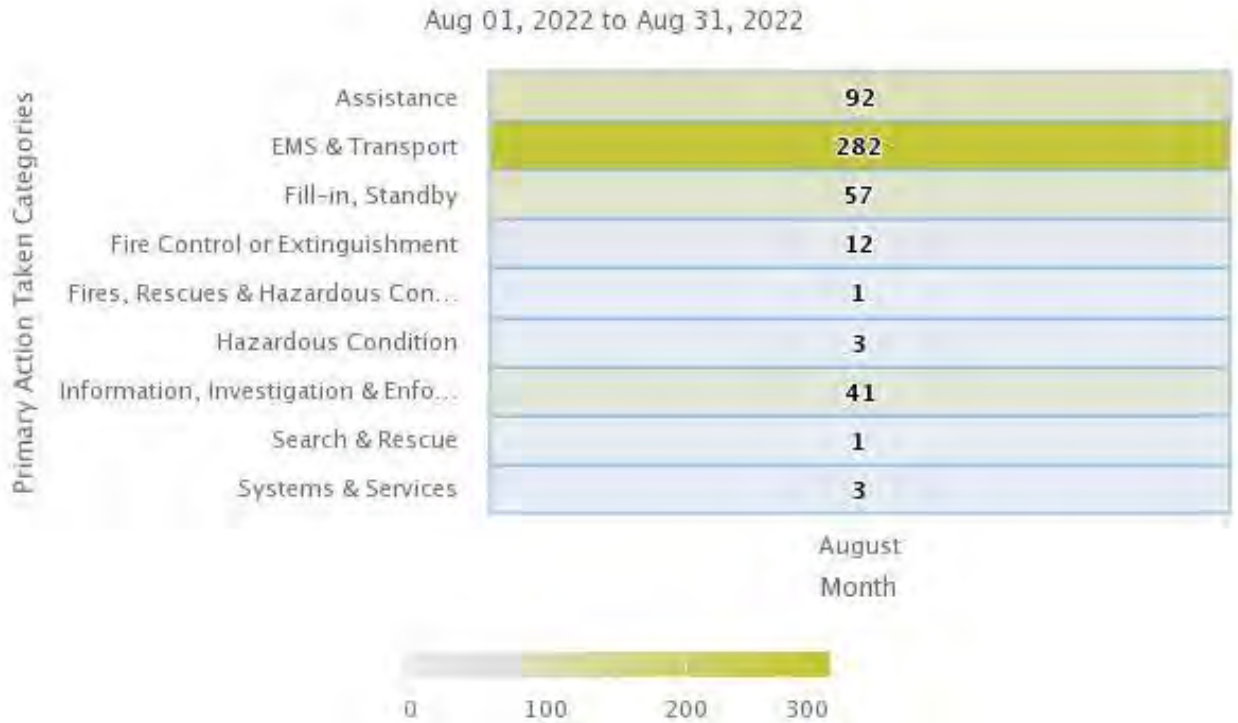
Incidents by District/Zone



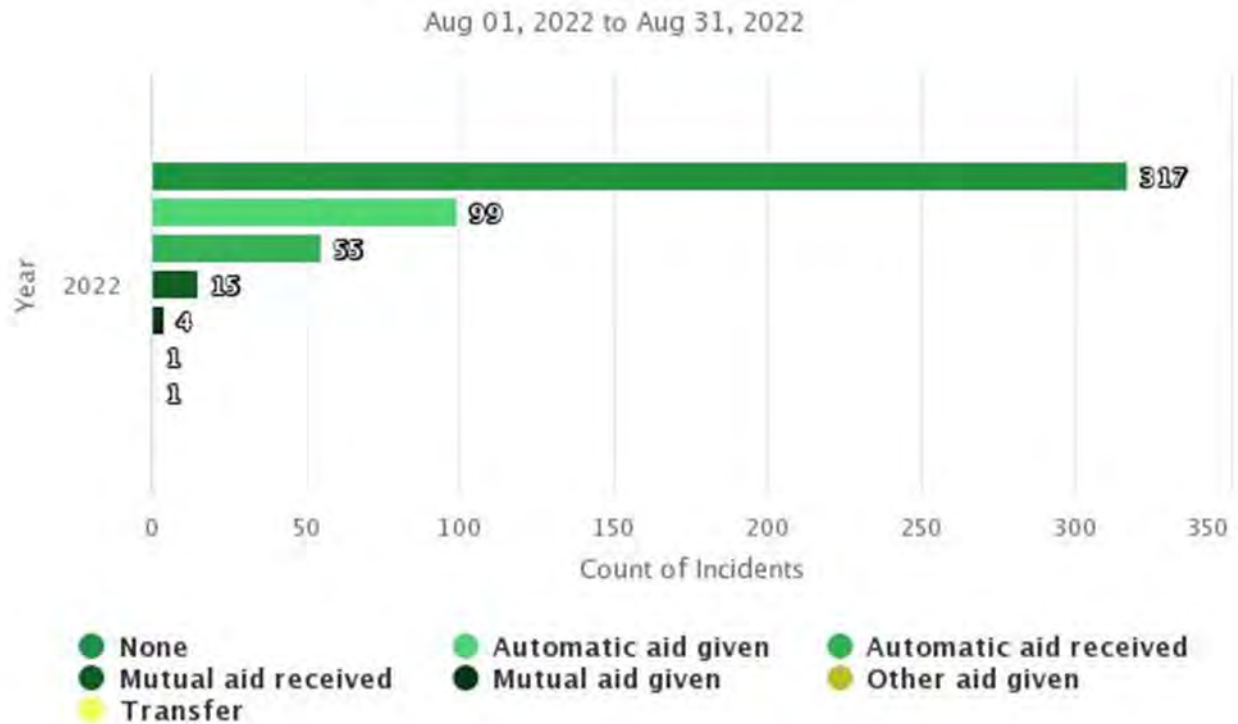
Response by Unit (Top 15 Resources)



Primary Action Taken-Categories



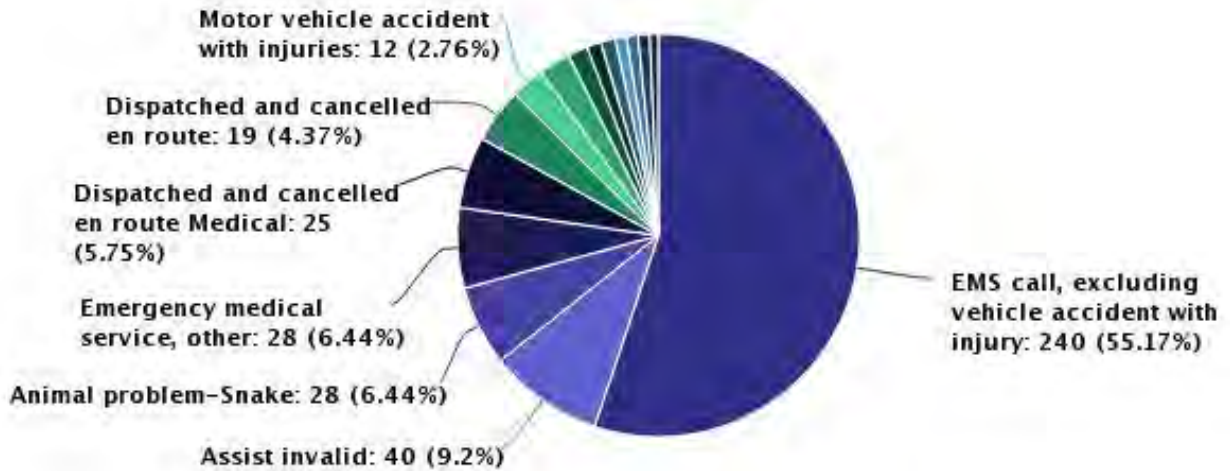
Aid Given/Received



Response/Incident Types & Categories

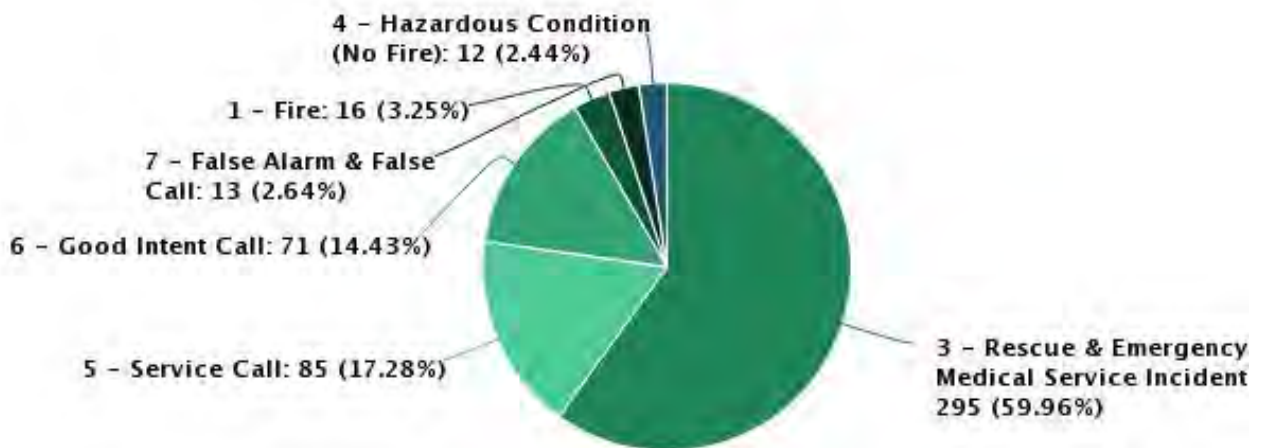
Incident Types (Top 15)

Aug 01, 2022 to Aug 31, 2022

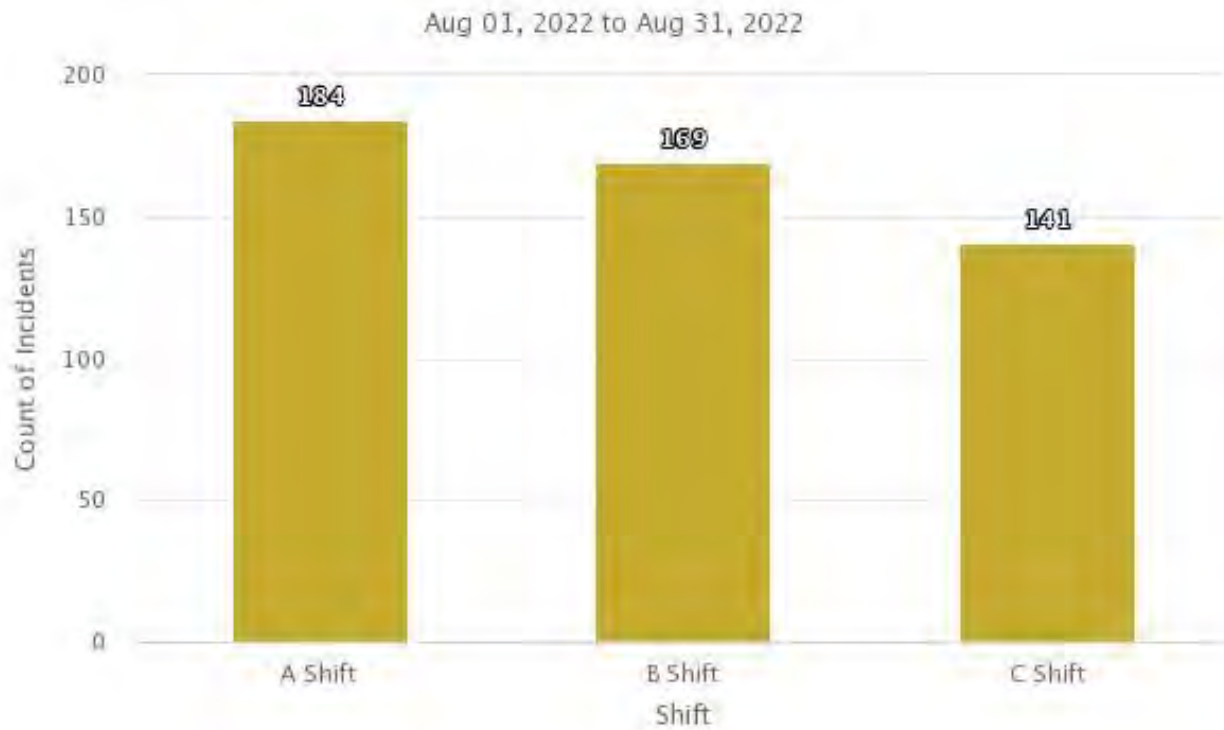


Incident Type Categories

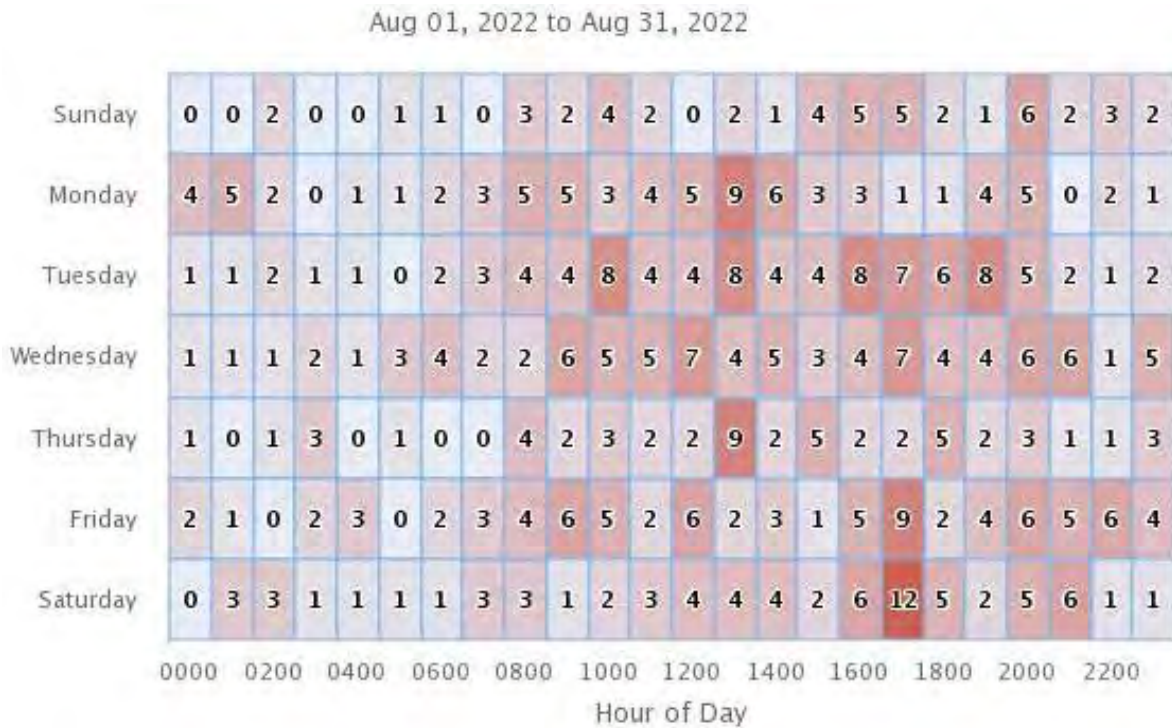
Aug 01, 2022 to Aug 31, 2022



Incident Response by Shift



Incidents by Hour of the Day



*Emergency Response Summary –
Medic Units Response Time - El Dorado
August 2022*

URBAN RESPONSE,

11-minutes, 90% of time

Response Time Between 00:00:00 - 00:00:59	2.48%
Response Time Between 00:01:00 - 00:01:59	4.96%
Response Time Between 00:02:00 - 00:02:59	9.93%
Response Time Between 00:03:00 - 00:03:59	20.57%
Response Time Between 00:04:00 - 00:04:59	35.11%
Response Time Between 00:05:00 - 00:05:59	54.26%
Response Time Between 00:06:00 - 00:06:59	67.38%
Response Time Between 00:07:00 - 00:07:59	77.66%
Response Time Between 00:08:00 - 00:08:59	82.62%
Response Time Between 00:09:00 - 00:09:59	86.88%
Response Time Between 00:10:00 - 00:10:59	91.13%

Medic Unit Response Comparison by Month/Year

MONTH	2022	2021
January	91.28%	93.57%
February	90.98%	91.13%
March	95.33%	93.59%
April	93.70%	91.67%
May	92.04%	89.19%
June	91.24%	88.48%
July	86.31%	89.59%
August	91.13%	85.71%
September		89.32%
October		89.96%
November		90.98%
December		87.54%

Battalion Chief Updates

B-Shift – Chief Antonio Moreno

Incidents

Motor Vehicle Collision, El Dorado Hills



Personnel responded for a staging required call, person acting strange. After released to enter by EDSO, personnel determined this was a vehicle accident. The patient drove more than 600' though a field before coming to a stop.

Motorcycle Accident, El Dorado Hills

A single motorcyclist was injured when he collided with the guard rail and was thrown over the embankment. He was transported to a valley trauma center.



Residential Structure Fire, Exterior Deck, Rescue



Suspicious Fire, El Dorado Hills



A reported fire resulted in finding two small fires in a construction area. Intentional set. No damage to property occurred.

Vegetation Fire, Coloma

A Vegetation fire on Marshall grade pulled 4 EDH engines to respond. Ultimately the Type 3 engines were assigned to assist with mop up and the Type 1 Engines were released. EDH was backfilled by B85 with E91 and E39 from Folsom.

Community Service Training

Football Coverage

Oakridge HS

E85, E91, Landry

Football season has begun for our EMS standbys at the freshman, JV, and Varsity games.

Concert in the Park

CSD Park

E84, B85

Personnel attended the park interacting with the public.

C-Shift – Chief Dave Brady

Incidents

Residential/Vegetation Fire, Latrobe



Commercial Structure Fire, Mutual Aid – Folsom



Motor Vehicle Collision, Hwy 50 @ Latrobe Rd., El Dorado Hills



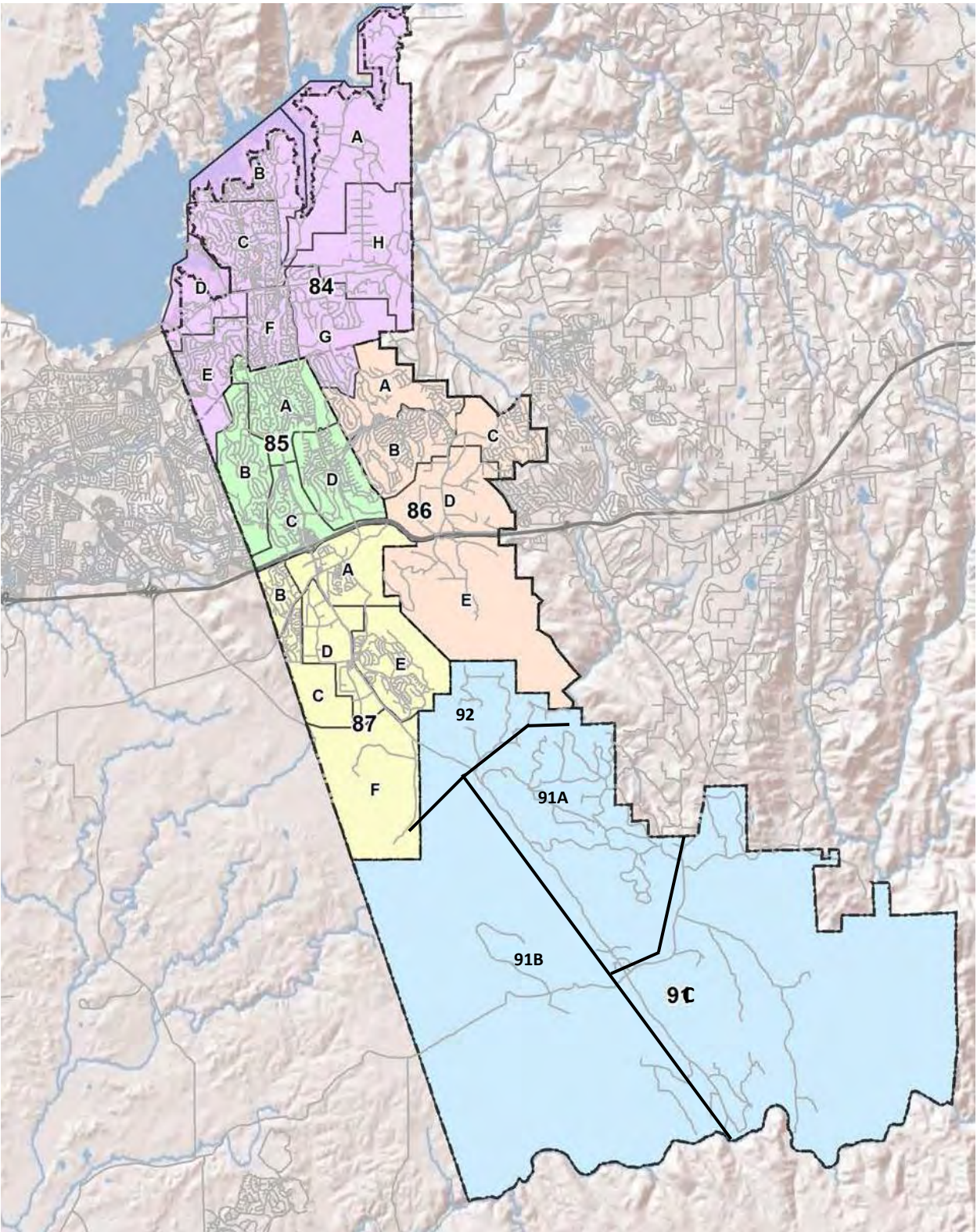
Gas Leak with Electrical Hazard, El Dorado Hills



Training

New Hire Academy Training, Ladders @ Station 85





EL DORADO HILLS FIRE DEPARTMENT

“YOUR SAFETY ... OUR COMMITMENT”



Community Risk Reduction Division

August 2022 Report

OVERVIEW

The El Dorado Hills Fire Department, Community Risk Reduction Division (CRRD) continues to see significant residential development and vegetation management program activity throughout the reporting period. Major construction activity continues in the Saratoga Estates, Carson Creek, Bell Ranch, Hawk View, and Bass Lake North areas of the District. New commercial construction consisting of El Dorado Irrigation District (EID) Wastewater Facility, Tractor Supply in the Business Park area, Aloft Hotel in Town Center, as well as the training center continues to progress.

CRRD has received a total of **845** permit to construct plan review submittals since January 1, 2022, with **127** received in the month of August. Home construction permit activity was the leading permit submittal type with **346** plan applications received followed by **168** residential fire protection system applications and **138** miscellaneous applications.

CRRD investigated **31** initial Defensible Space citizen complaints and **62** Defensible Space re-inspections on behalf of the County of El Dorado as part of their Vegetation Management program. CRRD staff additionally completed **98** initial Defensible Space inspections in the Union Mine community and **61** initial Defensible Space inspections in the Rescue community as part of the 2022 County Emphasis Areas.

MAJOR ACCOMPLISHMENTS

CRRD staff completed the following activities during the last 30 days:

- Completed **178** construction inspections and **230** smoke and carbon monoxide alarm inspections.
- Completed **13** fire and life safety inspections of residential and commercial occupancies.
- Completed **93** defensible space complaint inspections.
- Completed **159** County Emphasis Areas defensible space inspections.
- Staff continues to work with vendors on upgrading our existing records management systems (RMS) to improve customer satisfaction and streamlining permit processes.

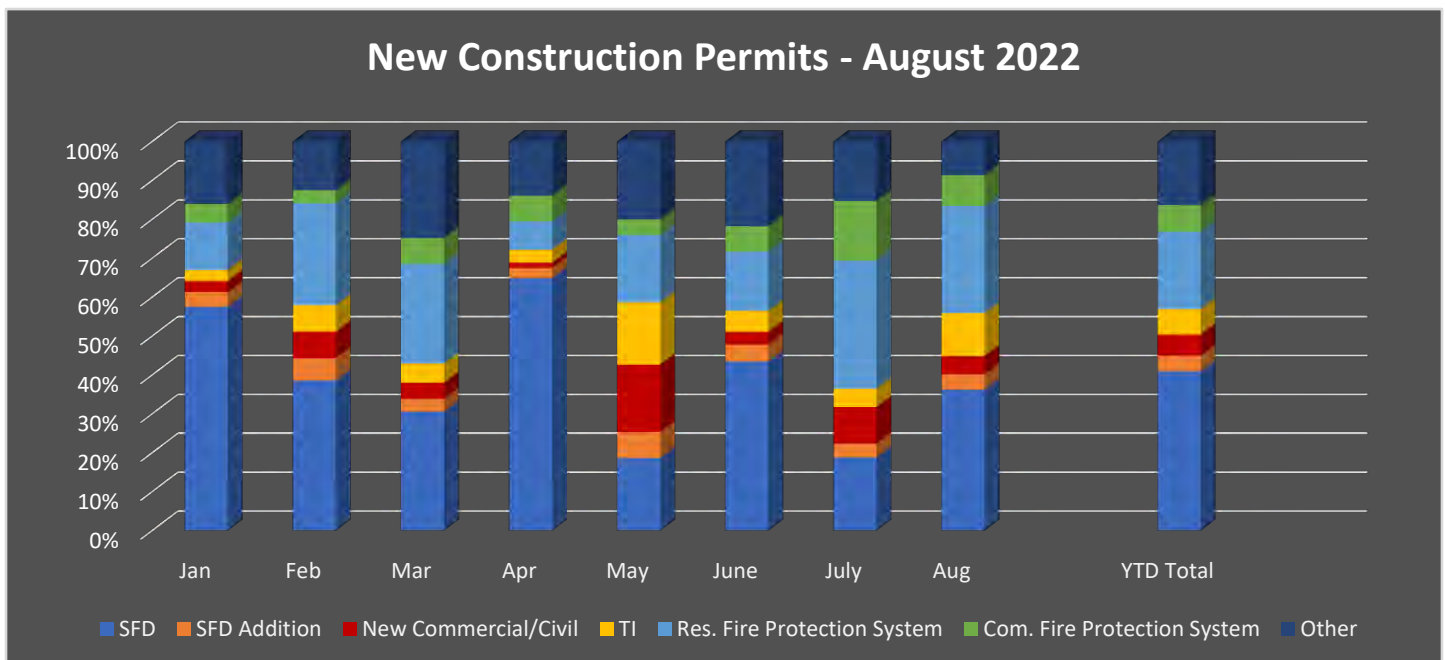


Table 1: Plan Review by Month Report

Fire and Life Safety Inspections - August 2022

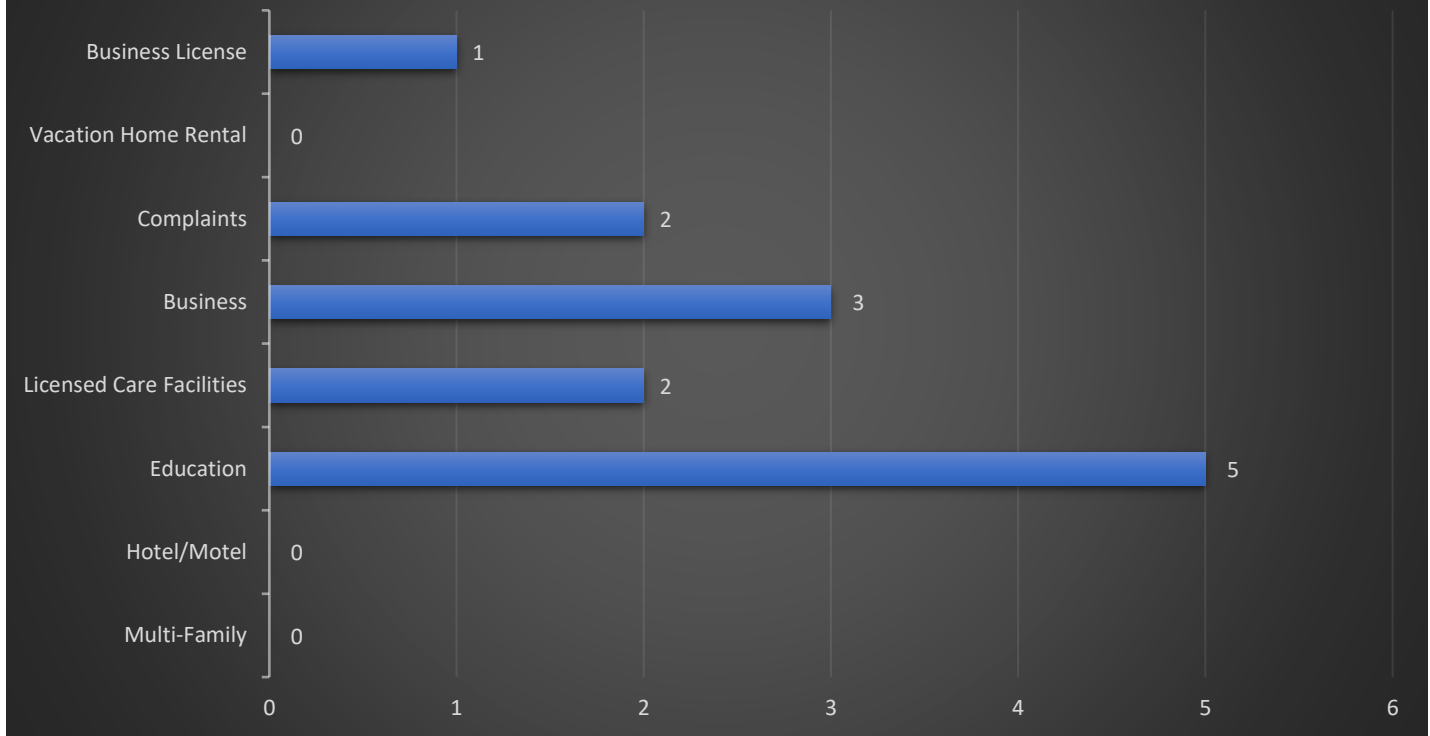


Table 2: Fire and Life Safety Inspections by Month Report

Vegetation & Defensible Space Inspections August 2022

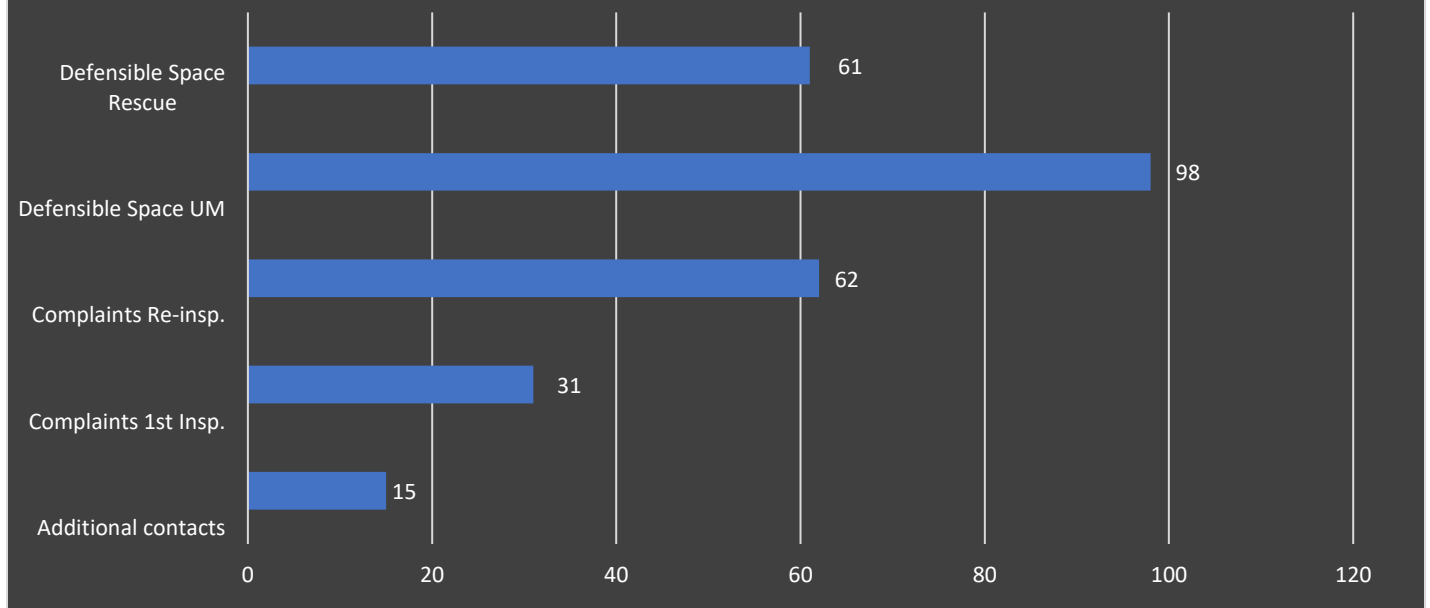
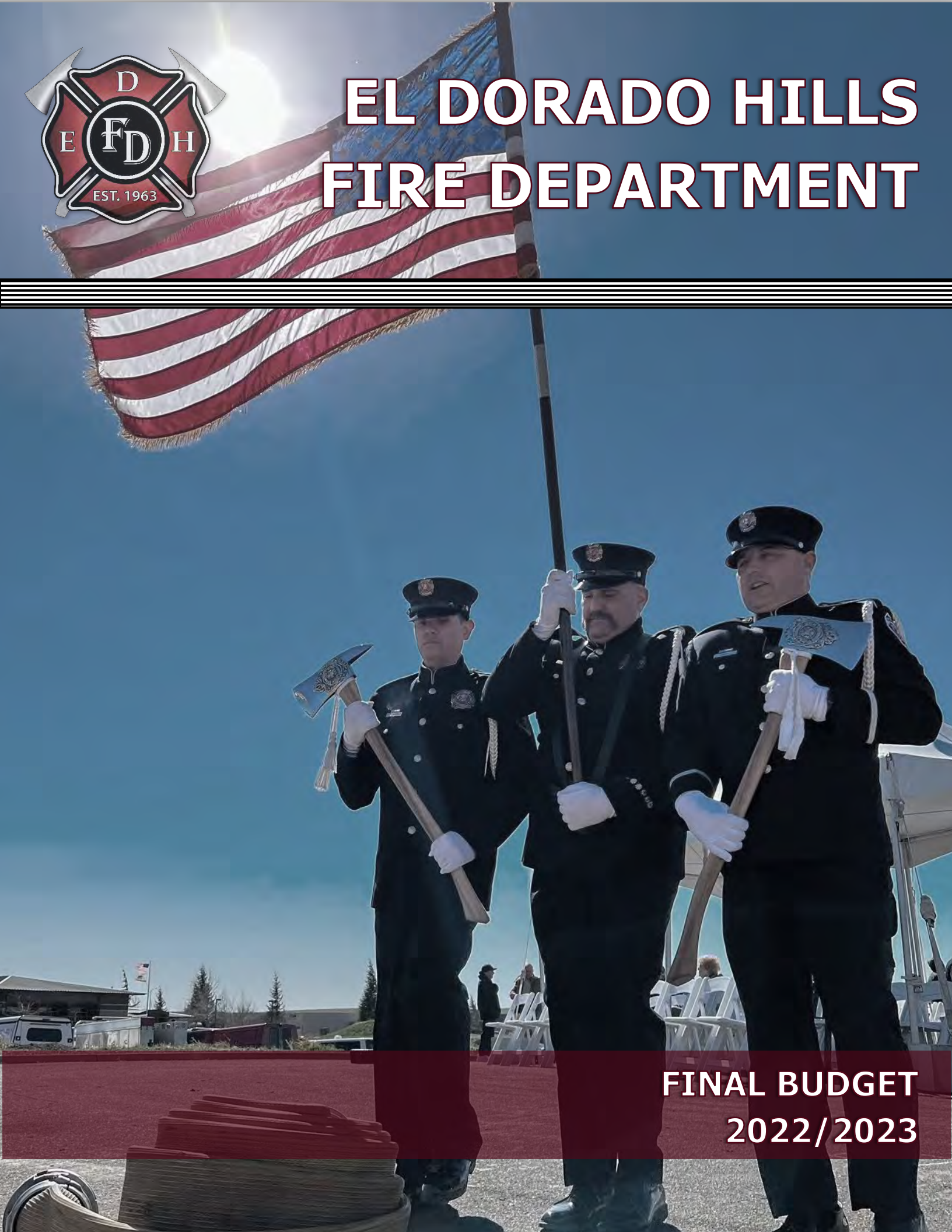


Table 3: Vegetation Management/ Defensible Space Inspections by Month Report

End of Report



EL DORADO HILLS FIRE DEPARTMENT



**FINAL BUDGET
2022/2023**

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El Dorado Hills Fire Department 2022/23 Final Budget

INTRODUCTION

Presented herein is the recommended El Dorado Hills County Water District Final Budget for fiscal year 2022/2023. Per statutory requirement, the Final Budget must be adopted by September 30, 2022.

BACKGROUND

The Final Budget was developed with the participation and input from the Director of Finance, Accounting Specialist/Board Clerk, Executive Staff, Program Managers and the Finance Committee. The funding philosophy for this budget is consistent with prior years in that a portion of the various fund balances is identified to fund a portion of the expenditures. This meets the objective of keeping the District on a progressive track while providing for continuous growth and efficiencies.

SUMMARY

The budget is currently broken down into three separate funds: General Reserve Fund, Capital Replacement Fund and Development Fee Fund. Below is a summary of each fund:

General Reserve Fund

The General Fund provides for all ongoing expenditures to maintain the District's continuing operations. These expenditures include personnel costs, supplies, services, governmental fees, and other miscellaneous operating costs. Generally, this portion of the budget includes those operating expenditures that are recurring and routine in nature. To maintain a strong fiscal balance, the general operating expenditures are funded from recurring operating revenues.

The District Reserve Policy establishes guidelines for maintaining a minimum balance in the Unassigned, or Operating Reserve Fund equivalent to at least one half of the current year budgeted operating expenditures. The budgeted ending Unassigned Reserve Fund balance for 2022/23 exceeds this goal.

Capital Replacement Fund

The Capital Replacement Fund is the portion of the General Reserve Fund committed by the Board of Directors to reinvest in the infrastructure of the District. Generally, these investments are in the replacement or necessary improvement of fleet, facilities and equipment that exceeds routine maintenance. All District capital expenditures that are not qualified to be funded with development impact fees are budgeted in the Capital Replacement Fund for fiscal year 2022/23.

The District Reserve Policy requires an annual contribution to the Capital Replacement Fund, ensuring the fund balance remains sufficient to repair, restore or replace the District's capital assets upon retirement or disposal. The policy also provides for an additional transfer into the Capital Replacement Fund if there is an identified shortfall in the fund and there is a budgeted excess of revenues over expenditures.

There is a budgeted transfer of \$2,752,497 from the General Reserve Fund to the Capital Replacement fund in 2022/23. This amount includes the calculated annual contribution of about \$1.5 million per the Capital Replacement Schedule, plus an additional transfer of \$1,252,497 to go toward the calculated fund shortfall.

Development Fee Fund

The Development Fee Fund is used to account for all restricted development impact fee revenue and qualifying expenditures. Fund expenditures are restricted to capital investments directly resulting from growth in the District. The District's current Development Impact Fee Schedule is based on a Nexus Study that was approved by the Board of Directors in December 2017 and by the County Board of Supervisors in March 2018. Planned qualifying expenditures are identified in this study.

Reserve Fund Balances

The District continues to closely monitor and control expenditures in an effort to preserve its reserve balances and avoid future debt financing. The final budget reflects an overall decrease in total reserve balances for fiscal year 2022/23. The General Reserve Fund is projected to remain flat, as all budgeted excess of operating revenue over operating expenditures is transferred to the Capital Replacement Fund.

There is a budgeted decrease of \$94,614 in the Capital Replacement Fund balance, as planned expenditures from this fund are greater than the budgeted transfer in from the General Reserve Fund.

There is a budgeted decrease in the Development Fee Reserve Fund of \$7,410,499, as qualifying expenditures are expected to far exceed development impact fee revenue for the year. Most of the budgeted qualifying expenditures are for the completion of Phase 1 of the Training Facility. The District's General Reserve Fund is "owed" \$1,254,545.36 from its Development Fee Fund as of June 30, 2022 for qualifying expenditures made in 2021/22. Reimbursement to the General Reserve Fund is anticipated in fiscal year 2022/23.

Appropriation (GANN) Limit

Article XIII B of the California Constitution requires State and local governments to establish an appropriation, or "Gann" limit each fiscal year. This limit is the ceiling above which tax dollar spending cannot exceed for the fiscal year. Base year revenues are increased annually by a factor that combines a population growth rate and the increase in the California per capita personal income. Special Districts may choose to use the population growth rate of the District or the County population growth in unincorporated areas.

For fiscal year 2022-23, the District calculated the appropriation limit by combining the California per capital personal income increase of 7.55% (provided by the California Department of Finance) with the population growth in El Dorado County unincorporated areas of -0.19% (provided by El Dorado County). The calculated ratio by combining these two factors is 1.0735 (1.0755 x 0.9981). Applying that ratio to the 2021-22 limit of \$51,776,676 results in a calculated 2022-23 appropriation limit of \$55,580,012. Budgeted appropriations for fiscal year 2022-23 are well below this limit.

RECOMMENDATION

Staff recommends that the Board of Directors review, discuss, and approve the 2022-2023 Final Budget.



**BUDGET SUMMARY
ALL FUNDS**

El Dorado Hills Fire Department
Final Budget Summary - All Funds
Fiscal Year 2022/23



	<u>General Fund</u>	<u>Capital Replacement Fund</u>	<u>Development Fee Fund</u>	<u>Total All Funds</u>
Revenue				
Property Tax Revenue	23,473,973			23,473,973
Other Miscellaneous Operating Revenue	3,283,985			3,283,985
Development Fee Revenue			1,400,000	1,400,000
Proceeds from Sale of Assets	-			-
Total Revenue	\$ 26,757,958	\$ -	\$ 1,400,000	\$ 28,157,958
Expenditures				
Wages & Benefits	20,870,575	-	-	20,870,575
Other Operating Expenditures	3,134,886	-	-	3,134,886
OPEB UAL Lump Sum Pmt	-	-	-	-
Fixed Assets	-	2,847,111	8,810,499	11,657,609
Total Expenditures	\$ 24,005,461	\$ 2,847,111	\$ 8,810,499	\$ 35,663,070
Revenue Less Expenditures	\$ 2,752,497	\$ (2,847,111)	\$ (7,410,499)	\$ (7,505,112)
Reserve Fund Transfer Summary:				
Beginning Balance, 6/30/2022 (FORECAST)	\$ 16,201,510	\$ 5,296,877	\$ 10,036,952	\$ 31,535,339
Transfer to/(from) General Reserve Fund (Unassigned)	2,752,497	2,752,497	-	5,504,994
Transfer to/(from) Capital Replacement Fund (Committed)	(2,752,497)	(2,847,111)	-	(5,599,608)
Transfer to/(from) Pension Reserve Fund	-	-	-	-
Transfer to/(from) Development Fee Fund (Restricted)	-	-	(7,410,499)	(7,410,499)
Total Increase/(Decrease) in Reserve Balances	-	(94,614)	(7,410,499)	(7,505,112)
Ending Balance, 6/30/2023 (PROJECTED)	\$ 16,201,510	\$ 5,202,264	\$ 2,626,453	\$ 24,030,227

El Dorado Hills Fire Department
2022/23 Final Budget
Capital Assets



PROGRAM NAME	ASSET DESCRIPTION	BUDGET		
		Capital Replacement Fund	Development Fee Fund	Total
Training Facility	Training Facility CIP	1,633,272	8,024,883	9,658,154
Facilities	Station Security Fencing - Station 86	-	200,000	200,000
Facilities	Station 91 Bathroom Addition	-	50,000	50,000
Facilities	Station 85 Administrative Office Capacity Expansion (50%)	-	140,000	140,000
Apparatus (Replacement)	BC Vehicle	160,658	57,924	218,583
Apparatus (Replacement)	Deputy Chief Vehicle (2)	246,679	88,939	335,618
Apparatus (New)	Fire Equipment Mechanic Vehicle	-	225,000	225,000
Air Compressor	Air 85 Upgrade	65,880	23,753	89,633
Technical Rescue	Side-by-Side ATV Equipment/Outfitting (Grant Funded)	31,170	-	31,170
Station/Apparatus Equipment	Bullard TIC Camera/PPV Fans - Battery Operated	35,000	-	35,000
Communications	Portable/Mobile Radio Replacements	74,200	-	74,200
Operations	SCBA Replacements	600,252	-	600,252
TOTAL		\$ 2,847,111	\$ 8,810,499	\$ 11,657,609



El Dorado Hills Fire Department 2022/23 Final Budget Summary of Significant Assumptions and Changes from Prior Year

PROPERTY TAX REVENUE

- **Secured, Unsecured, and Homeowners Exemption Property Tax Revenue** are budgeted based on estimates provided by El Dorado County. There is an overall budgeted increase of 9% from prior year actual revenue in this category, consistent with the increase in District assessed value.
- **Supplemental Tax Revenue** increased by about 25% from prior year budget and is based on recent collection rates in this category.
- **Sacramento County, Latrobe Special Tax and Latrobe Base Transfer Revenue** are expected to remain relatively consistent with prior year.
- **Property Tax Administration Fee** is a direct offset to property tax revenue and represents the fee charged by El Dorado County for the collection services it provides on behalf of the District. This fee is budgeted based on the estimate provided by the County and is a 15% increase from prior year.

OTHER REVENUE

- **CRRD Cost Recovery Fees** are collected by the Community Risk Reduction Division to offset the cost of services provided within the District and are budgeted based on the current fee schedule as well as the approved increase to the fee schedule in January 2023. Also budgeted in this category is a defensible space inspection contract with El Dorado County for \$250,000, the majority of which will be earned in fiscal year 2022/23.
- **Hosted Training Revenue** accounts for registration fees collected for hosted training classes and is estimated at \$95,000 for fiscal year 2022/23. This estimate is based on 2021/22 actual revenue in this category. This revenue is offset by budgeted hosted training expenditures.
- **Mechanic Cost Recovery Fees** is a new category that will account for revenues collected to reimburse the District for the cost of sending its Fire Equipment Mechanic to perform services at outside agencies.
- **JPA Revenue** is budgeted assuming the continuation of the existing fixed rate contract with the JPA. The District is currently evaluating a new contract that will likely increase the reimbursement amount from the JPA.
- **Rental Income** includes revenue earned from leasing existing cell tower sites at both Stations 84 and 85.
- **Operating Grants Revenue** reflects an anticipated ARPA grant in 2022/23 that is budgeted to fund IT equipment.
- **Capital Grants Revenue** reflects an anticipated grant to fund the retrofitting of the Technical Rescue UTV.
- **OES/Mutual Aid Revenue** is an estimate based on prior year fire season. This revenue is mostly offset by OES overtime costs.
- **Interest Earned** is based on current trends in interest rates and earnings.
- **Miscellaneous Operating Revenue** includes workers' compensation reimbursements, Department credit card quarterly rewards, and other miscellaneous revenue. The decrease in

this category is due to the removal of the Rescue Shared Services Agreement and workers' compensation dividends received in 2021/22.

WAGES & BENEFITS

- **Salaries & Wages** for all personnel reflect step increases as well as a 2.5% cost of living increase in July 2022, consistent with the negotiated MOU and unrepresented wages and benefits resolutions.
- **Safety (Fire) Salaries & Wages** reflect an increase in headcount of three (3) Firefighter/Paramedic positions at Station 91. A recruitment for these added positions is estimated to be completed by March 2023 and the vacancies are assumed to be filled with "floater" Firefighter/Paramedics and/or overtime until then.
- **CRRD Salaries & Wages** reflect the recent hire of a Fire Marshal, the addition of two (2) Defensible Space Inspector Leads, as well as an increase in budgeted hours for the other two (2) Defensible Space Inspectors to meet the demands of the contract with El Dorado County.
- **Administrative Salaries & Wages** reflect the Fire Equipment Mechanic position for a full year in 2022/23 (this position was vacant for half of 2021/22) as well as the removal of the Rescue Shared Services Agreement reimbursement for a temporary Administrative Assistant.
- **Overtime** increased from prior year due the added headcount of three (3) Firefighter/Paramedics at Station 91, assuming recruitment for these added positions, as well as one (1) additional retirement vacancy, will be completed in March 2023.
- **PERS Retirement** costs increased from prior year due an increase in the 2022/23 required Unfunded Liability lump sum payments, as well as an increase in budgeted pensionable wages.
- **Workers' Compensation** costs increased from prior year due to projected increases in insurance rates and covered payroll.
- **Health Benefits** for active employees increased due a slight increase in the District contribution cap, increases in overall CalPERS healthcare premium rates (those that fall under the District contribution cap), as well as the addition of three (3) Firefighter/Paramedic positions, one (1) Fire Marshal (hired in early 2022/23) and two (2) Defensible Space Inspectors. Health Costs for retirees increased mostly due to the addition of one (1) retiree.
- **Dental/Vision Benefits** increased due to an increase in the budgeted headcount as described above.

SERVICE & SUPPLIES

- **Network/Connectivity** costs increased due to the addition of a new VOIP phone system lease, a planned internet upgrade, and service costs for a new terminal server that is anticipated later in the fiscal year.
- **Insurance** costs are budgeted to increase significantly, as the District will be changing carriers in November 2022 (the current carrier will not renew the policy). It is projected that costs in this category will continue to rise until key risk factors stabilize in California.
- **Maintenance of Equipment** is budgeted to increase slightly due to a projected increase in the cost of repair parts & supplies, as well as an increase in the anticipated maintenance/testing costs for the new SCBAs.
- **Maintenance, Structures & Ground** increased due the addition of several planned large facilities projects, including the replacement of kitchen cabinets/countertops at Stations 85 and 86, reconstruction of the hose tower at Station 86, wallpaper removal/wall repairs at Station 86, and replacement of the main conference room tables and chairs at Station 85.
- **Legal Fees** increased from prior year based on current legal consulting utilization trends.

- **Human Resources** costs are expected to increase slightly due to budgeted consulting for promotional testing (Engineer/Captain positions), as well as an increase in budgeted employee medical costs.
- **Other Professional Services** increased due to the addition of several large consulting projects, including a Nexus Study update, a CFD study, and an ambulance deployment study.
- **Public Relations** costs increased due to the addition of several planned Department promotional/safety videos.
- **Software Subscriptions** increased from prior year budget due to the addition of several software products, including but not limited to, IDT Plans, Image Trend, 3Di, Fleetio, Data Ticket, and a purchase order system.
- **IT Support/Implementation** costs decreased due to the completion of budgeted implementation costs in 2021/22 for IDT plans and Image Trend.
- **IT Equipment** increased due to the planned one-time purchase of IT Equipment funded with the ARPA grant (cost offset by Operating Grant Revenue).
- **Solar Lease** costs decreased due to the purchase of the leased solar systems at Stations 84, 85, 86 and 87 in 2021/22.
- **Station Small Tools and Supplies** increased due to the addition of budgeted tools for the Fire Equipment Mechanic.
- **Non-Hosted Training** increased from prior year due to the addition of Command and Control training for succession planning, as well as the continuation of “catch-up” on training that was delayed due to COVID-19 restrictions.
- **EDC Hosted Training** costs were budgeted based on prior year actual trends. This category is offset by Hosted Training Revenue.
- **Fire Prevention** costs increased from prior year budget mostly due to an increase in anticipated costs for electronic pre-fire plan review services.
- **Fuel and Oil** costs are anticipated to increase next fiscal year due to higher fuel prices.
- **Travel and Meals & Refreshments** costs are expected to increase due to a budgeted increase in off-site training.
- **Utilities** costs are expected to increase as a result of rising utility rates as well as an increasing trend in electricity true-ups.

PENSION/OPEB UAL ADDITIONAL LUMP SUM PAYMENTS

- There are no budgeted discretionary lump sum payments or fund transfers toward the District’s Pension and OPEB unfunded liabilities in 2022/23.

CAPITAL ASSETS

- Capital Assets budgeted in fiscal year 2022/23 include the following: completion of Phase 1 of the Training Center, security fencing at Station 86, the expansion of administrative office capacity at Station 85, the addition of a bathroom at Station 91 to accommodate increased staffing levels, the replacement of SCBA’s, the replacement of the Battalion Chief vehicle, the replacement of two (2) Deputy Chief vehicles, the purchase of a new Fire Equipment Mechanic vehicle, an upgrade of Air 85, retrofitting of the Technical Rescue UTV (grant funded), a Bullard TIC Camera, and PPV fans.



POSITIONS AND AUTHORIZATION DOCUMENT (PAD)

Final Budget FY 2022/23

SUMMARY				
Full-time Positions				
	Authorized Positions	Actual Filled Positions	Funded Positions (Final Budget)	Proposed Changes
Office of the Fire Chief	10.5	9.5	10.5	0
Operations Branch	65	61	65	3
Administration Branch	6.5	6.5	6.5	0
Total	82	77	82	3



POSITIONS AND AUTHORIZATION DOCUMENT (PAD)

Final Budget FY 2022/23

OFFICE OF THE FIRE CHIEF				
Position	Auth'd Positions	Actual Filled Positions	Funded Positions (Final Budget)	Proposed Changes
Fire Chief	1	1	1	
Administrative Assistant II	0.5	0.5	0.5	
COMMUNITY RISK REDUCTION				
Fire Marshal	1	1	1	
Fire Prevention Specialist	2	2	2	
Fire Prevention Inspector I	1	1	1	
Community Risk Reduction Technician	1	1	1	
Defensible Space Inspector Lead (Part-Time, Limited Term)	2	2	2	
Defensible Space Inspector Trainee (Part-Time, Limited Term)	2	1	2	
	10.5	9.5	10.5	0



POSITIONS AND AUTHORIZATION DOCUMENT (PAD)

Final Budget FY 2022/23

OPERATIONS BRANCH				
Position	Authorized Positions	Actual Filled Positions	Funded Positions (Final Budget)	Proposed Changes
Deputy Chief, Operations	1	1	1	
Administrative Assistant II, Operations Branch	1	1	1	
Fire Equipment Mechanic	1	1	1	
FIRE SUPPRESSION				
Battalion Chiefs	3	3	3	
Fire Captains	15	15	15	
Fire Engineers	15	15	15	
Firefighters	28	24	28	3
EMERGENCY MEDICAL SERVICES (EMS)				
Day Staff Captain, EMS	0.5	0.5	0.5	
TRAINING/SAFETY				
Day Staff Captain, Training	0.5	0.5	0.5	
	65	61	65	3



POSITIONS AND AUTHORIZATION DOCUMENT (PAD)

Final Budget FY 2022/23

ADMIN/SUPPORT SERVICES BRANCH				
Position	Auth'd Positions	Actual Filled Positions	Funded Positions (Final Budget)	Proposed Changes
Deputy Chief, Administration	1	1	1	
Administrative Assistant II	0.5	0.5	0.5	
HUMAN RESOURCES				
Director of Human Resources	1	1	1	
Human Resources Specialist	1	1	1	
FINANCE				
Director of Finance	1	1	1	
Accounting Specialist/Board Clerk	1	1	1	
FLEET MAINTENANCE				
Fire Equipment Mechanic	1	1	1	
INFORMATION TECHNOLOGY (IT)				
Datacate IT Contract	0	0	0	
	6.5	6.5	6.5	0



BUDGET DETAIL
GENERAL FUND

El Dorado Hills Fire Department
Final Budget Detail - General Fund
Fiscal Year 2022/23



	Full Year Budget FY22/23	Mid-Year Budget FY21/22	Variance	Variance %
Revenue				
3240 · Tax Revenue				
3260 · Secured Tax Revenue	22,548,795	20,675,551	1,873,244	9%
3270 · Unsecured Tax Revenue	432,189	354,593	77,596	22%
3280 · Homeowners Tax Revenue	153,640	153,531	109	0%
3320 · Supplemental Tax Revenue	600,000	481,712	118,288	25%
3330 · Sacramento County Revenue	31,000	31,051	(51)	0%
3335 · Latrobe Revenue		-		
3335.2 · Latrobe Special Tax	35,000	36,900	(1,900)	-5%
3335.3 · Latrobe Base Transfer	91,000	86,642	4,358	5%
3340 · Property Tax Administration Fee	(417,651)	(363,175)	(54,476)	15%
Total 3240 · Tax Revenue	23,473,973	21,456,805	2,017,168	9%
3500 · Misc. Operating Revenue				
3506 · CRRD Cost Recovery Fees	610,000	420,897	189,103	45%
3507 · Hosted Training Revenue	95,000	90,125	4,875	5%
3508 · Mechanic Cost Recovery Fees	10,000	-	10,000	N/A
3512 · JPA Revenue	1,150,000	1,150,000	-	0%
3513 · Rental Income (Cell site)	54,180	54,180	-	0%
3514.1 · Operating Grants Revenue	113,635	-	113,635	N/A
3514.2 · Capital Grants Revenue	31,170	-	31,170	N/A
3515 · OES/Mutual Aid Reimbursement	1,000,000	1,162,366	(162,366)	-14%
3520 · Interest Earned	130,000	48,441	81,559	168%
3500 · Misc. Operating Revenue - Other	90,000	246,347	(156,347)	-63%
Total 3500 · Misc. Operating Revenue	3,283,985	3,172,356	111,629	4%
3568 · Proceeds from Insurance	-	3,003	(3,003)	-100%
3570 · Proceeds from Sale of Assets	-	(1,688)	1,688	-100%
Total Revenue	\$ 26,757,958	\$ 24,630,476	\$ 2,127,482	8.6%

El Dorado Hills Fire Department
Final Budget Detail - General Fund
Fiscal Year 2022/23



	Full Year Budget FY22/23	Mid-Year Budget FY21/22	Variance	Variance %
Operating Expenditures				
6000 · Wages & Benefits				
6001 · Salaries & Wages, Fire	7,833,151	7,323,069	510,082	7%
6011 · Education/Longevity Pay	487,850	480,626	7,224	2%
6015 · Salaries & Wages, CRRD	835,897	475,427	360,470	76%
6016 · Salaries & Wages, Administration	802,113	654,669	147,444	23%
6017 · Intern/Volunteer Stipends	4,500	1,950	2,550	131%
6018 · Director Pay	16,000	12,900	3,100	24%
6019 · Overtime				
6019.1 · Overtime, Operational	2,070,399	1,742,374	328,025	19%
6019.2 · Overtime, Outside Aid	826,446	874,428	(47,982)	-5%
Total 6019 · Overtime	2,896,845	2,616,802	280,043	11%
6020 · P.E.R.S. Retirement	1,729,325	1,593,804	135,521	9%
6020.1 · P.E.R.S. Retirement EE Contribution	1,890,000	1,716,704	173,296	10%
6030 · Workers Compensation	754,353	659,502	94,851	14%
6031 · Life Insurance	7,118	5,632	1,486	26%
6032 · P.E.R.S. Health Benefits	1,951,037	1,754,970	196,067	11%
6033 · Disability Insurance	22,066	20,591	1,475	7%
6034 · Health Cost of Retirees	1,187,065	1,157,273	29,791	3%
6040 · Dental/Vision Expense	254,520	236,410	18,110	8%
6050 · Unemployment Insurance	15,120	12,143	2,977	25%
6070 · Medicare	183,615	171,002	12,613	7%
Total 6000 · Wages & Benefits	20,870,575	18,893,473	1,977,102	10%
Salaries & Wages as a % of Operating Revenue	78%	77%		
6100 · Clothing & Personal Supplies				
6101 · Uniform Allowance	54,867	49,854	5,012	10%
6102 · Other Clothing & Personal Supplies	61,970	71,075	(9,105)	-13%
Total 6100 Clothing & Personal Supplies	116,837	120,929	(4,092)	-3%

El Dorado Hills Fire Department
Final Budget Detail - General Fund
Fiscal Year 2022/23



	Full Year Budget FY22/23	Mid-Year Budget FY21/22	Variance	Variance %
6110 · Network/Communications				
6111 · Telecommunications	51,720	52,542	(823)	-2%
6112 · Dispatch Services	70,000	70,743	(743)	-1%
6113 · Network/Connectivity	90,883	61,651	29,233	47%
Total 6110 · Network/Communications	212,603	184,936	27,667	15%
6120 · Housekeeping	67,204	60,611	6,593	11%
6130 · Insurance				
6131 · General Insurance	120,000	85,514	34,486	40%
Total 6130 · Insurance	120,000	85,514	34,486	40%
6140 · Maintenance of Equipment				
6141 · Tires	25,000	24,354	646	3%
6142 · Parts & Supplies	55,000	43,575	11,425	26%
6143 · Outside Work	70,000	72,630	(2,630)	-4%
6144 · Equipment Maintenance	45,020	30,984	14,036	45%
6145 · Radio Maintenance	22,950	25,471	(2,521)	-10%
Total 6140 · Maintenance of Equipment	217,970	197,015	20,955	11%
6150 · Maintenance, Structures & Ground	397,308	210,881	186,427	88%
6160 · Medical Supplies				
6161 · Medical Supplies	50,000	56,840	(6,840)	-12%
Total 6160 · Medical Supplies	50,000	56,840	(6,840)	-12%
6170 · Dues and Subscriptions	17,319	12,971	4,348	34%
6180 · Miscellaneous				
6181 · Miscellaneous	13,000	11,205	1,795	16%
6182 · Honor Guard	4,000	2,167	1,833	85%
6183 · Explorer Program	2,500	1,070	1,430	134%
6184 · Pipes and Drums	-	-	-	N/A
Total 6180 · Miscellaneous	19,500	14,442	5,058	35%
6190 · Office Supplies	37,106	35,077	2,029	6%

El Dorado Hills Fire Department
Final Budget Detail - General Fund
Fiscal Year 2022/23



	Full Year Budget FY22/23	Mid-Year Budget FY21/22	Variance	Variance %
6200 · Professional Services				
6201 · Audit	15,900	14,925	975	7%
6202.1 · Legal Fees	142,000	115,973	26,027	22%
6202.2 · Human Resources	96,550	83,144	13,406	16%
6203 · Notices	700	100	600	600%
6204 · Other Professional Services	176,464	75,066	101,398	135%
6205 · Elections/Tax Administration	-	-	-	N/A
6206 · Public Relations	18,850	8,839	10,011	113%
Total 6200 · Professional Services	450,464	298,047	152,416	51%
6210 · Information Technology				
6211 · Software Licenses/Subscriptions	196,008	116,394	79,614	68%
6212 · IT Support/Implementation	199,352	224,962	(25,610)	-11%
6213 · IT Equipment	172,810	76,394	96,416	126%
Total 6210 · Information Technology	568,170	417,750	150,420	36%
6220 · Rents and Leases				
6221 · Facilities/Equipment Lease	58,064	54,845	3,219	6%
6222 · Solar Lease	-	14,049	(14,049)	-100%
Total 6220 · Rents and Leases	58,064	68,894	(10,830)	-16%
6231 · Hose	9,750	18,596	(8,846)	-48%
6232 · Small Tools & Equipment - Apparatus	24,120	30,574	(6,454)	-21%
6233 · Small Tools & Equipment - Station	66,575	40,227	26,348	65%
6230 · Small Tools and Supplies	100,445	89,397	11,048	12%
6240 · Special Expenses				
6241 · Non-Hosted Training	185,337	97,854	87,483	89%
6241.1 · EDC Hosted Training	85,000	73,393	11,607	16%
6242 · Fire Prevention	131,060	79,942	51,118	64%
6243 · Licenses	-	-	-	0%
6244 · Directors' Training & Travel	-	-	-	0%
Total 6240 · Special Expenses	401,397	251,189	150,208	60%

El Dorado Hills Fire Department
Final Budget Detail - General Fund
Fiscal Year 2022/23



	Full Year Budget FY22/23	Mid-Year Budget FY21/22	Variance	Variance %
6250 · Transportation and Travel				
6251 · Fuel and Oil	140,000	108,247	31,753	29%
6252 · Travel	42,000	30,267	11,733	39%
6253 · Meals & Refreshments	23,000	21,586	1,414	7%
Total 6250 · Transportation and Travel	205,000	160,100	44,900	28%
6260 · Utilities				
6261 · Electricity	40,000	30,786	9,214	30%
6262 · Natural Gas/Propane	35,000	30,456	4,544	15%
6263 · Water/Sewer	20,500	19,063	1,437	8%
Total 6260 · Utilities	95,500	80,305	15,195	19%
Total Operating Expenditures	\$ 24,005,461	\$ 21,238,371	\$ 2,767,090	13.0%
Total Operating Expenditures excluding W&B	\$ 3,134,886	\$ 2,344,898	\$ 789,988	33.7%
Revenue - Operating Expenditures	\$ 2,752,497	\$ 3,392,105	\$ (639,607)	-19%
6570 · OPEB UAL Additional Lump Sum Pmt	-	1,021,551	(1,021,551)	-100%
Total Expenditures	\$ 24,005,461	\$ 22,259,922	\$ 1,745,539	7.8%
Total Revenue - Total Expenditures	\$ 2,752,497	\$ 2,370,554	\$ 381,944	16%
Transfer to Pension Reserve Fund	\$ -	\$ -	\$ -	N/A
Transfer from Development Fee Fund	\$ -	\$ (2,250,000)	\$ 2,250,000	-100%
Transfer to Capital Replacement Fund	\$ (2,752,497)	\$ (2,392,105)	\$ (360,392)	15%
Net Increase/Decrease in Unassigned Fund Balance	\$ -	\$ (2,271,551)	\$ 2,271,551	



HISTORICAL TREND ANALYSIS
ALL FUNDS

El Dorado Hills Fire Department

Historical Trend Analysis

TOTAL ALL FUNDS



	Actual FY16/17	Actual FY17/18	Actual FY18/19	Actual FY19/20	Actual FY20/21	Forecast FY21/22	Final Budget FY22/23	Variance 21/22 Forecast vs. 22/23 Budget	Variance %
Revenue									
3240 · Tax Revenue									
3260 · Secured Tax Revenue	15,143,354	16,254,990	17,700,565	18,474,778	19,619,347	20,685,811	22,548,795	1,862,984	9%
3270 · Unsecured Tax Revenue	283,551	278,713	306,727	335,532	360,463	356,435	432,189	75,754	21%
3280 · Homeowners Tax Revenue	148,084	152,399	157,876	157,520	156,296	157,058	153,640	(3,418)	-2%
3320 · Supplemental Tax Revenue	318,445	384,609	174,526	547,056	497,969	637,790	600,000	(37,790)	-6%
3330 · Sacramento County Revenue	16,171	16,663	17,096	29,545	30,254	30,089	31,000	911	3%
3335 · Latrobe Revenue									
3335.2 · Latrobe Special Tax	35,622	35,742	35,907	35,884	35,502	35,037	35,000	(37)	0%
3335.3 · Latrobe Base Transfer	-	500,000	-	160,295	86,642	90,945	91,000	55	0%
3340 · Property Tax Administration Fee	(352,143)	(307,782)	(346,739)	(377,298)	(387,314)	(363,175)	(417,651)	(54,476)	15%
Total 3240 · Tax Revenue	15,593,084	17,315,334	18,045,958	19,363,312	20,399,158	21,629,989	23,473,973	1,843,984	9%
3500 · Misc. Operating Revenue									
3511 · Contributions	-	-	-	-	-	-	-	-	0%
3506 · CRRD Cost Recovery Fees	63,828	99,714	126,904	197,017	230,325	452,337	610,000	157,663	35%
3507 · Hosted Training Revenue	-	-	-	-	3,637	94,428	95,000	572	1%
3508 · Mechanic Cost Recovery Fees	-	-	-	-	-	-	10,000	10,000	N/A
3512 · JPA Revenue	982,207	1,162,437	1,150,000	1,150,000	1,150,000	1,150,000	1,150,000	0	0%
3513 · Rental Income (Cell site)	25,200	25,200	26,155	49,980	54,180	54,180	54,180	-	0%
3514.1 · Operating Grants Revenue	-	-	-	-	44,379	-	113,635	113,635	N/A
3514.2 · Capital Grants Revenue	-	-	-	-	225,565	-	31,170	31,170	N/A
3515 · OES/Mutual Aid Reimbursement	613,557	524,276	666,922	211,426	1,677,353	1,162,366	1,000,000	(162,366)	-14%
3520 · Interest Earned	109,689	225,426	385,619	339,109	82,667	72,714	130,000	57,286	79%
3510 · Misc. Operating Revenue - Other	66,426	50,040	17,868	179,308	212,539	253,751	90,000	(163,751)	-65%
Total 3510 · Misc. Operating Revenue	1,860,908	2,087,093	2,373,469	2,126,839	3,680,646	3,239,776	3,283,985	44,209	1%
Total Operating Revenue	\$ 17,453,992	\$ 19,402,427	\$ 20,419,427	\$ 21,490,152	\$ 24,079,804	\$ 24,869,765	\$ 26,757,958	\$ 1,888,193	8%
Development Fees									
3550 · Development Fees									
3560 · Development Fee Revenue	2,985,102	2,307,138	1,392,661	1,504,149	1,144,426	1,455,524	1,400,000	(55,524)	-4%
Total 3550 · Development Fee Revenue	2,985,102	2,307,138	1,392,661	1,504,149	1,144,426	1,455,524	1,400,000	(55,524)	-4%
3570 · Proceeds from Insurance/Sale of Assets	93,630	834,361	1,649	-	12,565	3,003	-	(3,003)	-100%
3590 · Gain/Loss on Investments	-	-	185,603	231,066	349,621	(1,688)	-	1,688	-100%
Total Revenue	\$ 20,532,724	\$ 22,543,926	\$ 21,999,340	\$ 23,225,367	\$ 25,586,416	\$ 26,326,604	\$ 28,157,958	\$ 1,831,354	7%

El Dorado Hills Fire Department

Historical Trend Analysis

TOTAL ALL FUNDS



	Actual FY16/17	Actual FY17/18	Actual FY18/19	Actual FY19/20	Actual FY20/21	Forecast FY21/22	Final Budget FY22/23	Variance 21/22 Forecast vs. 22/23 Budget	Variance %
Operating Expenditures									
6000 · Salaries & Wages									
6001 · Salaries & Wages, Fire	5,772,002	5,937,072	6,396,335	6,772,687	6,980,114	7,370,039	7,833,151	463,111	6%
6011 · Education/Longevity Pay	450,922	446,642	449,258	524,606	485,261	484,939	487,850	2,911	1%
6015 · Salaries & Wages, CRRD						575,082	835,897	260,816	45%
6016 · Salaries & Wages, Administration	545,310	607,440	636,224	845,731	976,355	591,789	802,113	210,323	36%
6017 · Intern/Volunteer Stipends	69,179	-	4,810	2,795	1,625	1,820	4,500	2,680	147%
6018 · Director Pay	16,905	14,795	11,800	15,100	13,000	13,900	16,000	2,100	15%
6019 · Overtime									
6019.1 · Overtime, Operational	1,771,860	2,235,563	1,675,396	1,645,157	1,967,302	1,944,777	2,070,399	125,622	6%
6019.2 · Overtime, Outside Aid	527,019	485,075	536,831	169,910	1,256,886	874,428	826,446	(47,982)	-5%
Total 6019 · Overtime	2,298,879	2,720,639	2,212,227	1,815,067	3,224,188	2,819,205	2,896,845	77,640	3%
6020 · P.E.R.S. Retirement	2,228,851	1,615,850	1,332,561	1,360,855	1,485,269	1,560,852	1,729,325	168,474	11%
6020.1 · P.E.R.S. Retirement EE Contribution	-	600,643	1,211,740	1,443,588	1,599,799	1,716,704	1,890,000	173,296	10%
6030 · Workers Compensation	765,480	667,861	571,736	529,286	586,372	656,510	754,353	97,842	15%
6031 · Life Insurance	5,875	5,609	6,498	5,578	6,171	5,626	7,118	1,493	27%
6032 · P.E.R.S. Health Benefits	1,431,009	1,417,119	1,562,904	1,717,501	1,712,822	1,755,104	1,951,037	195,933	11%
6033 · Disability Insurance	16,660	16,663	17,655	20,087	20,459	20,591	22,066	1,475	7%
6034 · Health Cost of Retirees	856,646	890,325	917,124	1,017,446	1,102,022	1,156,391	1,187,065	30,673	3%
6040 · Dental/Vision Expense	173,391	145,843	136,985	131,866	183,598	235,433	254,520	19,087	8%
6050 · Unemployment Insurance	14,484	14,553	11,742	9,741	11,726	12,766	15,120	2,354	18%
6070 · Medicare	128,876	136,363	137,374	146,810	170,163	176,662	183,615	6,954	4%
Total 6000 · Salaries & Wages	14,774,469	15,237,416	15,616,972	16,358,743	18,558,944	19,153,414	20,870,575	1,717,161	9%
Salaries & Wages as a % of Operating Revenue	85%	79%	76%	76%	77%	77%	78%		
6100 · Clothing & Personal Supplies									
6101 · Uniform Allowance	58,550	49,437	51,970	49,554	47,931	50,088	54,867	4,778	10%
6102 · Other Clothing & Personal Supplies	65,816	52,653	44,073	210,532	26,540	71,385	61,970	(9,415)	-13%
Total 6100 Clothing & Personal Supplies	124,366	102,090	96,044	260,086	74,470	121,473	116,837	(4,637)	-4%

El Dorado Hills Fire Department

Historical Trend Analysis

TOTAL ALL FUNDS



	Actual FY16/17	Actual FY17/18	Actual FY18/19	Actual FY19/20	Actual FY20/21	Forecast FY21/22	Final Budget FY22/23	Variance 21/22 Forecast vs. 22/23 Budget	Variance %
6110 · Network/Communications									
6111 · Telecommunications	54,452	49,385	43,449	36,255	42,439	42,535	51,720	9,185	22%
6112 · Dispatch Services	105,277	56,115	57,694	63,214	71,145	63,069	70,000	6,931	11%
6113 · Network/Connectivity	30,824	39,919	40,493	37,068	51,222	54,422	90,883	36,461	67%
Total 6110 · Communications	190,553	145,418	141,636	136,537	164,807	160,027	212,603	52,576	33%
6120 · Housekeeping	38,097	36,335	37,606	52,034	52,998	61,137	67,204	6,067	10%
6130 · Insurance									
6131 · General Insurance	51,023	33,167	56,013	59,403	65,761	85,514	120,000	34,486	40%
Total 6130 · Insurance	51,023	33,167	56,013	59,403	65,761	85,514	120,000	34,486	40%
6140 · Maintenance of Equipment									
6141 · Tires	15,492	38,029	15,029	19,157	32,944	23,834	25,000	1,166	5%
6142 · Parts & Supplies	25,720	23,622	31,248	33,259	38,672	52,745	55,000	2,255	4%
6143 · Outside Work	162,105	128,196	97,255	201,839	163,134	61,109	70,000	8,891	15%
6144 · Equipment Maintenance	26,839	33,158	37,489	27,583	38,782	27,507	45,020	17,513	64%
6145 · Radio Maintenance	12,318	13,625	21,838	32,880	14,449	23,866	22,950	(916)	-4%
Total 6140 · Maintenance of Equipment	242,475	236,630	202,859	314,718	287,981	189,061	217,970	28,909	15%
6150 · Maintenance, Structures & Ground	129,003	182,530	87,807	228,443	158,419	185,821	397,308	211,487	114%
6160 · Medical Supplies									
6161 · Medical Supplies	5,031	5,751	6,628	14,911	85,114	47,338	50,000	2,662	6%
Total 6160 · Medical Supplies	5,031	5,751	6,628	14,911	85,114	47,338	50,000	2,662	6%
6170 · Dues and Subscriptions	8,172	11,045	13,562	11,655	14,255	13,691	17,319	3,628	26%
6180 · Miscellaneous									
6181 · Miscellaneous	3,347	2,521	12,298	13,167	5,598	12,206	13,000	794	7%
6182 · Honor Guard	2,561	1,311	1,004	(1,827)	9,103	1,967	4,000	2,033	103%
6183 · Explorer Program	800	3,478	290	1,319	1,204	70	2,500	2,430	3472%
6184 · Pipes and Drums	-	-	-	3,747	410	-	-	-	N/A
Total 6180 · Miscellaneous	6,708	7,310	13,591	16,406	16,315	14,243	19,500	5,257	37%

El Dorado Hills Fire Department

Historical Trend Analysis

TOTAL ALL FUNDS



	Actual FY16/17	Actual FY17/18	Actual FY18/19	Actual FY19/20	Actual FY20/21	Forecast FY21/22	Final Budget FY22/23	Variance 21/22 Forecast vs. 22/23 Budget	Variance %
6190 · Office Supplies	28,116	21,988	25,297	27,252	29,305	35,576	37,106	1,530	4%
6200 · Professional Services									
6201 · Audit	10,250	12,650	17,975	14,300	14,550	14,925	15,900	975	7%
6202 · Legal/Human Resources	144,996	261,648	261,284	176,572	234,464	191,965	238,550	46,585	24%
6203 · Notices	747	1,797	741	637	387	518	700	182	35%
6204 · Other Professional Services	136,746	136,014	87,568	174,419	104,327	73,373	176,464	103,091	141%
6205 · Elections/Tax Administration	23,449	-	45	-	35,761	-	-	-	N/A
6206 · Public Relations	795	1,272	200	5,056	3,765	9,723	18,850	9,127	94%
Total 6200 · Professional Services	316,982	413,381	367,812	370,984	393,253	290,504	450,464	159,959	55%
6210 · Information Technology									
6211 · Software Licenses/Subscriptions	60,553	36,536	53,538	87,457	80,907	111,020	196,008	84,988	77%
6212 · IT Support/Implementation	84,271	120,676	97,367	126,226	114,201	197,926	199,352	1,426	1%
6213 · IT Equipment	-	-	31,699	67,586	55,256	84,621	172,810	88,189	104%
Total 6210 · Information Technology	144,824	157,213	182,604	281,269	250,363	393,566	568,170	174,603	44%
6220 · Rents and Leases									
6221 · Facilities/Equipment Lease	6,120	6,819	-	5,913	58,119	54,769	58,064	3,295	6%
6222 · Solar Lease	52,016	66,105	67,034	67,969	53,181	14,049	-	(14,049)	-100%
Total 6220 · Total Rents and Leases	58,136	72,924	67,034	73,882	111,300	68,818	58,064	(10,754)	-16%
6230 · Small Tools and Supplies	71,561	50,012	60,120	133,337	61,664	95,458	100,445	4,987	5%
6240 · Special Expenses	-								
6241 · Non-Hosted Training	108,248	63,377	124,972	70,929	87,162	99,209	185,337	86,128	87%
6241.1 · EDC Hosted Training	-	-	-	-	13,303	83,017	85,000	1,983	2%
6242 · Fire Prevention	16,245	44,586	44,031	106,686	42,906	69,829	131,060	61,231	88%
6243 · Licenses	10	10	84	400	(8)	-	-	-	N/A
6244 · Directors' Training & Travel	-	-	-	-	-	-	-	-	#DIV/0!
Total 6240 · Special Expenses	124,502	107,973	169,087	178,015	143,362	252,055	401,397	149,342	59%
6250 · Transportation and Travel									
6251 · Fuel and Oil	53,829	65,672	68,171	74,503	80,380	113,063	140,000	26,937	24%
6252 · Travel	20,424	17,577	10,401	23,772	20,511	23,168	42,000	18,832	81%

El Dorado Hills Fire Department

Historical Trend Analysis

TOTAL ALL FUNDS



	Actual FY16/17	Actual FY17/18	Actual FY18/19	Actual FY19/20	Actual FY20/21	Forecast FY21/22	Final Budget FY22/23	Variance 21/22 Forecast vs. 22/23 Budget	Variance %
6253 · Meals & Refreshments	17,798	18,456	18,555	16,603	14,284	20,867	23,000	2,133	10%
Total 6250 · Transportation and Travel	92,052	101,705	97,127	114,878	115,174	157,097	205,000	47,903	30%
6260 · Utilities									
6261 · Electricity	23,689	7,899	17,286	15,827	30,343	29,842	40,000	10,159	34%
6262 · Natural Gas/Propane	24,391	19,618	21,248	16,300	22,322	28,414	35,000	6,586	23%
6263 · Water/Sewer	15,343	18,077	15,565	16,343	17,795	16,587	20,500	3,913	24%
Total 6260 · Utilities	63,423	45,594	54,098	48,469	70,460	74,843	95,500	20,657	28%
Total Operating Expenditures	\$ 16,469,494	\$ 16,968,480	\$ 17,295,899	\$ 18,681,022	\$ 20,653,945	\$ 21,399,636	\$ 24,005,461	\$ 2,605,825	12%
Operating Revenue - Operating Expenditures	\$ 984,498	\$ 2,433,947	\$ 3,123,528	\$ 2,809,130	\$ 3,425,859	\$ 3,470,129	\$ 2,752,497	\$ (717,632)	-21%
6570 OPEB UAL Additional Lump Sum Pmt	-	1,000,000	600,000	-	-	1,021,551	-	(1,021,551)	-100%
6720 · Fixed Assets	773,344	579,635	1,189,045	384,327	448,260	5,314,687	11,657,609	6,342,922	119%
Total Expenditures	\$ 17,242,839	\$ 18,548,115	\$ 19,084,944	\$ 19,065,349	\$ 21,102,204	\$ 27,735,874	\$ 35,663,070	\$ (7,927,196)	-29%
Total Revenue - Total Expenditures	\$ 3,289,885	\$ 3,995,811	\$ 2,914,395	\$ 4,160,018	\$ 4,484,212	\$ (1,409,270)	\$ (7,505,112)	\$ (6,095,843)	
<u>FUND TRANSFERS</u>									
Transfers to Development Fee Fund	\$ (2,985,102)	\$ (2,867,200)	\$ (1,392,661)	\$ (1,504,149)	\$ (1,144,426)	\$ (1,455,524)	\$ (1,400,000)	\$ (255,574)	18%
Transfers from Development Fee Fund	-	1,358,755	-	572,510	155,617	2,913,910	8,810,499	8,654,882	297%
Transfers to Pension Reserve Fund	-	(450,000)	(1,654,700)	(2,170,119)	(439,783)	(2,250,000)	-	439,783	-20%
Transfers from Capital Replacement Fund	773,344	98,893	813,090	187,772	72,414	2,400,777	2,847,111	2,774,697	116%
Transfers to Capital Replacement Fund	-	(850,000)	(800,000)	(800,000)	(900,000)	(2,471,444)	(2,752,497)	(1,852,497)	75%
Net Change in Unassigned/Non-Spendable Fund Balance	\$ 1,078,128	\$ 1,286,259	\$ (119,875)	\$ 446,032	\$ 2,228,034	\$ (2,271,551)	\$ -		



RESERVE FUND SUMMARY

El Dorado Hills Fire Department
2022/23 Final Budget
Reserve Fund Summary



	RESERVE FUND BALANCE AS OF						
	6/30/2017	6/30/2018	6/30/2019	6/30/2020	6/30/2021	FORECAST 6/30/2022	FINAL BUDGET 6/30/2023
General Reserve Fund (Unassigned/Nonspendable)	14,632,614	15,918,875	15,798,996	16,245,031	18,473,061	16,201,510	16,201,510
Unassigned Fund as a % of Operating Expenditures	89%	94%	91%	87%	89%	76%	67%
Capital Replacement Reserve Fund (Committed)	3,052,680	3,803,787	3,790,697	4,402,926	5,230,513	5,296,877	5,202,264
Total Unrestricted Reserve Funds	17,685,294	19,722,662	19,589,693	20,647,957	23,703,574	21,498,387	21,403,774
Pension Reserve Fund	-	455,760	2,110,460	4,280,579	4,720,362	6,326,025	6,326,025
Development Fee Reserve Fund	6,682,221	8,190,667	9,583,327	10,514,964	11,503,774	10,036,952	2,626,453
Total Restricted Reserve Funds	6,682,221	8,646,427	11,693,787	14,795,543	16,224,136	16,362,976	8,952,478
Grand Total Fund Balances	\$ 24,367,515	\$ 28,369,089	\$ 31,283,480	\$ 35,443,500	\$ 39,927,710	\$ 37,861,364	\$ 30,356,252



FINAL BUDGET RESOLUTION

EL DORADO HILLS COUNTY WATER DISTRICT

RESOLUTION 2022-16

Resolution Adopting the 2022-2023 Final Budget

WHEREAS, the Board of Directors of the El Dorado Hills County Water District Board (the “Fire District”) held a public hearing during which time additions and deletions to the 2022-2023 Budget were made; and

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors in accordance with Section 13890 of the Health and Safety Code, the Preliminary Budget for the Fiscal Year 2022-2023 is hereby adopted in accordance with the following:

Wages & Benefits:	\$ 20,870,575
Services and Supplies:	3,134,886
Capital Assets:	
Structures and Improvements	10,048,154
Apparatus and Vehicles	900,003
Equipment	709,452
	<hr/>
Total Budget Requirements:	\$ 35,663,070

BE IT FURTHER RESOLVED that that the obligations for capital assets and any new permanent employee positions are appropriated with the adoption of the 2022-23 Preliminary Budget.

BE IT FURTHER RESOLVED that the means of financing the expenditures will be by monies derived from Property Taxes, Grant Proceeds, Development Impact Fees, Reserves and Other Miscellaneous Revenues.

BE IT FURTHER RESOLVED that the Final Budget is hereby adopted and available for inspection by interested persons.

The foregoing resolution was duly passed and adopted by the Board of the El Dorado Hills County Water District at a meeting of said Board held on the 15th day of September, 2022, by the following vote:

AYES:

ABSTAIN:

NOES:

ABSENT:

ATTEST:

Bobbi Bennett, President

Jessica Braddock, Board Secretary



**Annual Report of Revenues and Expenditures (Cal. Gov. Code 66006
(b)(1) (C), (D), (G), and (H))**

Account: 85530010; 85530011

El Dorado Hills County Water
District: District, Including Latrobe

Fiscal Year: 2021-22

(D) REVENUES

MONTH	Fees	Interest
JUL	\$ 84,614.32	\$ -
AUG	\$ 108,632.46	\$ 2,698.09
SEP	\$ 131,750.56	\$ 3,704.75
OCT	\$ 153,471.80	\$ 3,124.31
NOV	\$ 101,124.09	\$ 2,919.34
DEC	\$ 66,262.63	\$ 2,817.11
JAN	\$ 112,526.24	\$ 2,891.20
FEB	\$ 189,109.43	\$ 3,613.26
MAR	\$ 108,255.78	\$ 3,587.79
APR	\$ 50,034.31	\$ 4,228.37
MAY	\$ 221,011.27	\$ 6,222.19
JUN	\$ 63,770.91	\$ 15,605.77
TOTAL:	\$ 1,390,563.80	\$ 51,412.18

(G)* TRANSFERS TO OTHER FUNDS

MONTH	AMOUNT
JUL	
AUG	
SEP	
OCT	
NOV	
DEC	
JAN	
FEB	
MAR	
APR	
MAY	
JUN	
TOTAL:	\$ -

(C) REPORT YEAR ENDING BALANCE

PRIOR FY ENDING BALANCE:	\$ 11,687,837.57
REPORT YR REVENUES:	\$ 1,441,975.98
REPORT YR EXPENDITURES:	\$ 1,834,045.35
REPORT YR ENDING BALANCE:	\$ 11,295,768.20

(H) REFUNDS PROCESSED

DATE	AMOUNT

*Attach a description of each interfund transfer or loan made from the account or fund, including the public improvement on which the transferred or loaned fees will be expended, and, in the case of an interfund loan, the date on which the loan will be repaid, and the rate of interest that the account or fund will receive on the loan.

Annual Report of Revenues and Expenditures (Cal. Gov. Code 66006 (b)(1) (E) and (F))

District: El Dorado Hills County Water District

Fiscal Year: 2021-22

(E) REPORT YEAR CAPITAL EXPENDITURES/TRANSFERS TO PROJECTS

Identify below each public improvement on which fees were expended and the amount of expenditures on each improvement, including the total percentage of the cost of the public improvement that was funded with fees.

DATE	DESCRIPTION OF EXPENDITURE	TOTAL FY EXPENDITURES	FEE EXPENDITURES	FEE PERCENTAGE
3/21/2022	Station 91 Building/Improvements	\$ 16,661.39	\$ 16,661.39	100%
3/21/2022	Training Facility CIP	\$ 192,164.78	\$ 144,123.59	75%
6/22/2022	Training Facility CIP	\$ 1,346,701.98	\$ 1,346,701.98	100%
6/29/2022	Training Facility CIP	\$ 312,662.50	\$ 312,662.50	100%
1/1/2022	1% ADMIN FEE Q1 Jul-Sep 2021	\$ 3,249.97	\$ 3,249.97	100%
5/1/2022	1% ADMIN FEE Q2 Oct-Dec 2021	\$ 3,208.59	\$ 3,208.59	100%
6/1/2022	1% ADMIN FEE Q3 Jan-Mar 2022	\$ 4,095.66	\$ 4,095.66	100%
6/30/2022	1% ADMIN FEE Q4 Apr-Jun 2022	\$ 3,341.67	\$ 3,341.67	100%

(F) INCOMPLETE IMPROVEMENTS: If the District has determined that sufficient funds have been collected to complete financing on an incomplete public improvement that has been identified for use of fee revenues and the public improvement remains incomplete at the time of this report, identify the approximate date by which the construction of the improvement will commence. *The District expended \$1,803,488.07 on Phase 1 of the Training Facility. The construction of this project commenced in fiscal year 2021-22 and is expected to be completed in fiscal year 2022-23.*

Note: Attach additional pages if necessary.



El Dorado Hills Fire Department

1050 Wilson Blvd. • El Dorado Hills, CA 95762 • Phone (916) 933-6623 • Fax (916) 933-5983

Maurice Johnson
Fire Chief

DATE: September 15, 2022

TO: Board of Directors

AGENDA ITEM: XIV-A

SUBJECT: Approval of the El Dorado Hills Professional Firefighters (EDHPFF), Local 3604, Memorandum of Understanding (MOU) Side Letter Agreement #2

TOPIC

Side Letter Agreement #2 to the EDHPFF MOU.

SUMMARY

Staff seeks Board approval to adopt the proposed Side Letter Agreement #2 to the EDHPFF MOU.

DISCUSSION

The District’s negotiating team met with 3604 representatives to discuss Section XIV, Station Staffing. The proposed Side Letter Agreement #2 has been agreed upon by the EDHPFF, Local 3604, representatives and members by majority vote on September 15, 2022.

Below is the existing MOU language that exhibits the track changed edits so the changes are easy to review. Also below is the revised language that outlines the changes that have been agreed upon in the proposed Side Letter Agreement #2 (enclosed).

Section XIV, Station Staffing current wording with track changed edits:

- A. EDHFD Emergency Equipment (Truck, Engine, ~~Patrol~~, Medic) shall be staffed with a minimum of:

Battalion:

One (1) Battalion Chief

Engine:

One (1) Captain
 One (1) Engineer
 One (1) Firefighter /Paramedic

Truck:

One (1) Captain
 One (1) Engineer
 Two (2) Firefighter /Paramedics

“Serving the Communities of El Dorado Hills, Rescue and Latrobe”

Patrol:

- ~~One (1) Captain~~
- ~~One (1) Engineer~~
- ~~*One must be a qualified Paramedic~~

Medic:

Two (2) Firefighter/Paramedics or qualified personnel

Full Engine, Truck, ~~Patrol~~, Medic staffing levels shall be ~~eighteen~~ nineteen (198) ~~with the exception noted above.~~

The minimum staffing levels above shall be filled by regular full-time employees.

B. This does not preclude the cross-staffing of apparatus that are not separately staffed (i.e., cross-staffing a different type Engine, ~~Patrol~~, Medic, Air Unit, Water Tender, or other specialized Apparatus and/or equipment for a particular incident or based on Operational needs).

~~C. This does not include or apply to apparatus staffed wholly or partly by volunteer suppression personnel as required for Department emergency coverage or designated special events (i.e., drawdown of normally staffed units due to a large incident, community events such as parades or celebrations).~~

~~D.C.~~ These provisions will not apply to periodic, temporary reductions in apparatus staffing due to transient operational needs of the Department (i.e., a Department engine or truck will remain in service with less than the defined minimum level of staffing while an employee of the crew has transported a patient to the hospital).

~~E.D.~~ A qualified actor, or person of higher rank willing and qualified to “work-down” to prevent mandatory staffing, may be used in lieu of the required rank to satisfy this requirement.

~~F.E.~~ Extra personnel assigned to the shift may be utilized as “floaters” and assigned to augment any emergency apparatus vacated by absent personnel.

~~G.F.~~ Employees assigned to an administrative forty (40) hour schedule may not be mandated for Emergency Staffing unless not doing so would cause the staffing level to fall below fourteen (14).

~~H. Station 91 Staffing:~~

- ~~1. Station 91 shall be staffed with a minimum of:~~

~~a. One (1) Captain~~

~~b. One (1) Engineer~~

~~* One must be a qualified Paramedic~~

~~2. Station 91 will staff a Type 1, Type 3, Type 6 or Water Tender with the above minimum staffing at the direction of the Fire Chief.~~

Section XIV. Station Staffing amended wording as reflected in Side Letter #2:

A. EDHFD Emergency Equipment (Truck, Engine, Medic) shall be staffed with a minimum of:

Battalion:

One (1) Battalion Chief

Engine:

One (1) Captain

One (1) Engineer

One (1) Firefighter /Paramedic

Truck:

One (1) Captain

One (1) Engineer

Two (2) Firefighter /Paramedics

Medic:

Two (2) Firefighter/Paramedics or qualified personnel

Full Engine, Truck, Medic staffing levels shall be nineteen (19).

The minimum staffing levels above shall be filled by regular full-time employees.

B. This does not preclude the cross-staffing of apparatus that are not separately staffed (i.e., cross-staffing a different type Engine, Medic, Air Unit, Water Tender, or other specialized Apparatus and/or equipment for a particular incident or based on Operational needs).

C. These provisions will not apply to periodic, temporary reductions in apparatus staffing due to transient operational needs of the Department (i.e., a Department engine or truck will remain in service with less than the defined minimum level of staffing while an employee of the crew has transported a patient to the hospital).

D. A qualified actor, or person of higher rank willing and qualified to “work-down” to prevent mandatory staffing, may be used in lieu of the required rank to satisfy this requirement.

- E. Extra personnel assigned to the shift may be utilized as “floaters” and assigned to augment any emergency apparatus vacated by absent personnel.
- F. Employees assigned to an administrative forty (40) hour schedule may not be mandated for Emergency Staffing unless not doing so would cause the staffing level to fall below fourteen (14).

FISCAL IMPACT

The fiscal impact will be approximately \$600,000 per year.

RECOMMENDATION

Approve the proposed Side Letter Agreement #2 to the EDHPFF MOU for the period of October 1, 2019, through June 30, 2023.

Submitted by:

Cora Hall

Cora Hall
Director of Human Resources

THIS SIDE LETTER TO THE MEMORANDUM OF UNDERSTANDING (MOU) between the El Dorado Hills Professional Firefighters Local 3604 (EDHPFF) and representatives of the El Dorado Hills County Water District, alternatively referred to as El Dorado Hills Fire Department (Department), for the period of October 1, 2019 – June 30, 2023, referred to herein as “**Side Letter #2**” is made and entered into and effective this 15th day of September 2022.

Section XIV STATION STAFFING is hereby amended to read as follows:

- A. EDHFD Emergency Equipment (Truck, Engine, Medic) shall be staffed with a minimum of:

Battalion:

One (1) Battalion Chief

Engine:

One (1) Captain

One (1) Engineer

One (1) Firefighter /Paramedic

Truck:

One (1) Captain

One (1) Engineer

Two (2) Firefighter /Paramedics

Medic:

Two (2) Firefighter/Paramedics or qualified personnel

Full Engine, Truck, Medic staffing levels shall be nineteen (19).

The minimum staffing levels above shall be filled by regular full-time employees.

- B. This does not preclude the cross-staffing of apparatus that are not separately staffed (i.e., cross-staffing a different type Engine, Medic, Air Unit, Water Tender, or other specialized Apparatus and/or equipment for a particular incident or based on Operational needs).
- C. These provisions will not apply to periodic, temporary reductions in apparatus staffing due to transient operational needs of the Department (i.e., a Department engine or truck will remain in service with less than the defined minimum level of staffing while an employee of the crew has transported a patient to the hospital).

Side Letter Agreement #2 Amending the Memorandum of Understanding

- D. A qualified actor, or person of higher rank willing and qualified to “work-down” to prevent mandatory staffing, may be used in lieu of the required rank to satisfy this requirement.
- E. Extra personnel assigned to the shift may be utilized as “floaters” and assigned to augment any emergency apparatus vacated by absent personnel.
- F. Employees assigned to an administrative forty (40) hour schedule may not be mandated for Emergency Staffing unless not doing so would cause the staffing level to fall below fourteen (14).

Side Letter Agreement #2 Amending the Memorandum of Understanding

In witness whereof, the parties hereto have caused this MOU to be executed by affixing their signatures below.

DISTRICT:

EL DORADO HILLS COUNTY WATER DISTRICT

Dated: _____, 2022.

By: _____
Its: President

By: _____
Its: Fire Chief

Dated: _____, 2022.

ATTEST:

By: _____
Its: Board Secretary

EDHPFF:

EL DORADO HILLS PROFESSIONAL FIREFIGHTERS

Dated: _____, 2022.

By: _____
Its: President

Effective:
Adopted: _____

EL DORADO HILLS COUNTY WATER DISTRICT

RESOLUTION NO. 2022-17

RESOLUTION OF THE BOARD OF DIRECTORS OF THE EL DORADO HILLS COUNTY WATER DISTRICT APPROVING THE SIDE LETTER AGREEMENT #2 TO THE EL DORADO HILLS PROFESSIONAL FIREFIGHTERS MEMORANDUM OF UNDERSTANDING

WHEREAS, negotiations with the representatives of the El Dorado Hills Professional Firefighters (EDHPFF), International Association of Firefighters Local 3604, have successfully concluded, related to Section XIV. Station Staffing, of the EDHPFF Memorandum of Understanding (MOU); and,

WHEREAS, the members of the EDHPFF have approved the proposed Side Letter Agreement # 2 to the EDHPFF MOU by majority vote on September 15, 2022; and,

WHEREAS, the Board of Directors for the El Dorado County Water District wishes to approve the Side Letter Agreement #2 to the EDHPFF MOU; and,

NOW, THEREFORE, BE IT RESOLVED AND ORDERED by the Board of Directors of the El Dorado Hills County Water District, that the Side Letter Agreement #2 to the EDHPFF MOU is hereby approved.

The foregoing resolution was passed and adopted by the Board of Directors of the El Dorado Hills County Water District at a meeting of said Board held on the 15th day of September 2022 by the following vote:

AYES:
NOES:
ABSENT:

ATTEST:

Jessica Braddock, Board Secretary

Bobbi Bennett, President

EL DORADO HILLS COUNTY WATER DISTRICT
EL DORADO HILLS FIRE DEPARTMENT
ORDINANCE NO. 2022-01

BE IT ORDAINED BY THE BOARD OF DIRECTORS OF THE EL DORADO
HILLS COUNTY WATER DISTRICT AS FOLLOWS:

An ordinance of the El Dorado Hills County Water District (EDHCWD) adopting the 2022 Edition of the *California Fire Code*, incorporating the 2021 Edition of the *International Fire Code*, regulating and governing the safeguarding of life and property from fire and explosion hazards arising from the storage, handling and use of hazardous substances, materials and devices, and from conditions hazardous to life or property in the occupancy of buildings and premises in the EDHCWD; providing for the issuance of permits and collection of fees therefor; Repealing Ordinance No. 2019-01 of the EDHCWD and all other ordinances and parts of the ordinances in conflict therewith.

Be it ORDAINED by the Board of Directors of the EDHCWD, also known as the El Dorado Hills Fire Department:

Section 1: **FINDINGS OF FACTS**

Section 2: **ADOPTION OF CODE WITH EXCLUSIONS**

Section 3: **LOCAL AMENDMENTS**

Section 4: **CONFLICT**

Section 5: **SEVERABILITY**

Section 6: **EFFECTIVE DATE AND PUBLICATION**

SECTION 1: FINDINGS OF FACTS

The EDHCWD makes certain changes (listed below) to the *California Fire Code*, 2022 Edition, pursuant to *Health & Safety Code Sections 13869.7, 17958.5, 17958.7 and 18941.5* during this code adoption process. Such changes are necessary because of local climatic, geological and/or topographical conditions. The EDHCWD has adopted, pursuant to *Section 18941.5* of the *California Health & Safety Code*, the findings of facts relative to these conditions by Resolution #2019-10 of the EDHCWD dated September 19, 2019.

SECTION 2: ADOPTION OF CODE WITH EXCLUSIONS

The EDHCWD adopts the 2022 *California Fire Code, Title 24, Part 9, in its entirety*, including Appendices, incorporating those sections of the *International Fire Code*, 2021 edition not adopted by the state, with the exclusions listed below:

Exclusions: 103, 309, 311.5, 311.6, 318, 403.3, 403.5, 403.8, 403.10, 403.11, 404, 406, 903.3.1.2, 904.1.1, 1103.1, 1103.3-1103.4, 1103.6, 1105, Chapter 26, D104.2 (Exception only), D106.1 (Exception only), D107.1 (Exceptions only), Appendix A, Appendix G, Appendix J, Appendix K, Appendix L, Appendix M, Appendix N, Appendix O.

Appendices not adopted can be used for reference in enforcing other sections of the 2022 *California Fire Code*.

SECTION 3: AMENDMENTS TO THE 2022 CALIFORNIA FIRE CODE

The following Sections are hereby amended or added:

Chapter 1

SECTION 101.1 "TITLE" SHALL BE AMENDED AS FOLLOWS:

Section 101.1 TITLE. These regulations shall be known as the Fire Code of *EDHCWD*, hereinafter referred to as "this code".

SECTION 105.5 "REQUIRED OPERATIONAL PERMITS" IS AMENDED AS FOLLOWS:

Section 105.5 Required operational permits. The fire code official is authorized to issue operational permits for the operations set forth in Sections 105.5.2 through 105.5.525.

SECTION 105.5.55 "AUTOMOBILE WRECKING YARDS" IS ADDED AS FOLLOWS:

Section 105.5.55 Automobile wrecking yards. *An operational permit is required for the operation of automobile wrecking yards.*

SECTION 105.6 "REQUIRED CONSTRUCTION PERMITS" IS AMENDED AS FOLLOWS:

Section 105.6 required construction permits. The fire code official is authorized to issue construction permits for work as set forth in sections 105.6.1 through 105.6.246.

SECTION 105.6.25 "AUTOMOBILE WRECKING YARDS" IS ADDED AS FOLLOWS:

Section 105.6.25 Automobile wrecking yards. *Construction permits are required for the installation of or modification to automobile wrecking yards.*

SECTION 105.6.26 "TRAFFIC CALMING DEVICES" IS ADDED AS FOLLOWS:

105.6.26 Traffic calming devices. *Construction permits are required for the installation or modification of traffic calming devices.*

SECTION 107.5 "PERMIT, PLAN REVIEW AND INSPECTION FEES" SHALL BE ADDED AS FOLLOWS:

Section 107.5 Permit. *A schedule of fees adopted by the district board of directors for plan review, inspections and the issuance of permits by the district may be found in the most current district fee schedule (Health & Safety Code 17951).*

SECTION 107.5.1 "COST RECOVERY FEES" SHALL BE ADDED AS FOLLOWS:

Section 107.5.1 Cost Recovery Fees. *Fire service fees may be charged to any person, firm, corporation or business that through negligence, violation of the law, or as a result of carelessness, is responsible for the cause of the district to respond to the scene of an incident. A district board may charge a fee to cover the cost of any service which the district provides or the cost of enforcing any regulation for which the fee is charged (Health & Safety Code 13916). The fee shall not exceed the actual cost of suppressing the fire and/or responding to the scene of an incident.*

SECTION 107.7 "ADMINISTRATIVE COSTS" SHALL BE ADDED AS FOLLOWS:

Section 107.7 Administrative Costs. *When a test or inspection is scheduled, and the contractor fails to perform to the satisfaction of the authority having jurisdiction (AHJ), the AHJ may bill the contractor for actual time spent traveling to and from the test/inspection location and the time spent at the test/inspection site as well as administrative costs.*

SECTION 111.5 "APPEAL PROCEDURES AND TIMELINES" SHALL BE ADDED AS FOLLOWS:

Section 111.5 Appeal Procedures and Timelines. *Any person or entity who believes they may be adversely affected by an order, decision, or determination made by the fire code official through a written notice may appeal this matter within 15 calendar days of the postmark on the notice. All such appeals shall be filed in writing with the Secretary of the Governing Board for the district. A timely appeal shall stay further action by the fire code official until the matter is determined by the Appeal Board as outlined in Section 109.2, unless the issue poses an imminent fire or life safety hazard to members of the public. The fire code official shall notify the appellant by certified mail of the date and time of such hearing. The hearing shall be scheduled to take place no sooner than 20 calendar days from the date shown on the certified mail. The appellant shall have the right to appear in person or by agent at the hearing and present oral, written and/or photographic evidence to the Appeal Board.*

SECTION 112.4 "VIOLATION PENALTIES" SHALL BE AMENDED AS FOLLOWS:

Section 112.4 Violation Penalties. *Persons who shall violate a provision of this code or shall fail to comply with any of the requirements thereof or who shall erect, install, alter, repair or do work in violation of the approved construction documents or directive of the fire code official,*

or of a permit or certificate used under provisions of this code, shall be guilty of a *misdemeanor or infraction, at the discretion of the prosecuting attorney or agency, punishable by a fine not more than \$100.00 for a first violation; A fine not exceeding \$500.00 for a second violation of the same provision within one year; A fine not exceeding \$1000.00 for each additional violation of the same provision within one year, or by imprisonment not exceeding 180 days, or both such fine and imprisonment. Each day that a violation continues after due notice has been served shall be deemed a separate offense. (Health & Safety Code Sections 13145 and 17995).*

SECTION 112.4.2 "CITATIONS" SHALL BE ADDED AS FOLLOWS:

Section 112.4.2 Citations. *The Fire Chief, or his/her duly authorized representative, may issue citations for infractions or misdemeanor violations of this code pursuant to Section 13871 of the Health & Safety Code of the State of California and Chapter 5c (commencing with Section 853.6) of Title 3 of Part 2 of the Penal Code of the State of California.*

SECTION 113.4 "FAILURE TO COMPLY" SHALL BE AMENDED AS FOLLOWS:

Section 113.4 Failure to Comply. Any person who shall continue any work after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be *punishable by a fine or imprisonment or both as described in Section 112.4 (Health & Safety Code Sections 13145 and 17995).*

Chapter 2

SECTION 202 "CAMPFIRE" SHALL BE ADDED AS FOLLOWS:

CAMPFIRE. *A fire which is used for cooking, personal warmth, lighting, or aesthetic purposes.*

SECTION 202 "DISTRICT" SHALL BE ADDED AS FOLLOWS:

DISTRICT. *The district and all other areas within the exterior boundaries thereof now or hereafter established.*

SECTION 202 "DRIVEWAY" SHALL BE ADDED AS FOLLOWS:

DRIVEWAY. *A vehicular access that serves up to two (2) parcels with no more than two (2) residential units and any number of non-commercial or industrial buildings on each parcel.*

SECTION 202 "EXECUTIVE BODY" SHALL BE ADDED AS FOLLOWS:

EXECUTIVE BODY. *The Board of Directors of the District.*

SECTION 202 "FIRE CHIEF" SHALL BE ADDED AS FOLLOWS:

FIRE CHIEF. *The Chief Executive Fire Officer of the Fire department/district serving the jurisdiction or a duly authorized representative.*

SECTION 202 "FIRE HAZARD" SHALL BE ADDED AS FOLLOWS:

FIRE HAZARD. Any condition, arrangement, or act which will increase, or may cause an increase of, the hazard or menace of fire to a greater than customarily recognized as normal by persons in the public service of preventing, suppressing or extinguishing fire; or which may obstruct, delay, or hinder, or may become the cause of obstruction, delay or hinderance to the prevention, suppression, or extinguishment of fire.

SECTION 202 "OPEN BURNING" SHALL BE AMENDED AS FOLLOWS:

OPEN BURNING. The burning of materials wherein products of combustion are emitted directly into the ambient air without passing through a stack or chimney from an enclosed chamber. Open burning does not include road flares, smudge-pots and similar devices associated with safety or occupational uses typically considered open flames, ~~recreational fires, or use of portable outdoor fireplaces.~~ For the purpose of this definition, a chamber shall be regarded as enclosed when, during the time combustion occurs, only apertures, ducts, stacks, flues or chimneys necessary to provide combustion air and permit the escape of exhaust gas are open.

Open burning shall also include campfires, bonfires, portable outdoor fireplaces, ceremonial fires, and recreational fire as defined in the Fire Code.

Exception:

1. *UL or ASMI listed LPG or natural gas outdoor flame devices, such as gas BBQ's or gas fire pits that comply with the Fire Code.*
2. *Campfires on private lands. Where required by the fire code official, a permit is shall be issued by the fire code official.*
3. *Ceremonial and/or religious burning with the following safety measures:*
 - a. *Maximum 4-foot x 4-foot burn area.*
 - b. *Minimum 10-foot clearance from edge of burn area to all flammable material and vegetation.*
 - c. *An approved water supply is located within 500-feet of the burn area.*
 - d. *The burn area is located no less than 30-feet from adjoining property lines.*
 - e. *An adult is present with a shovel until the fire is extinguished.*
 - f. *No burning shall be conducted during high or extreme fire weather conditions (e.g., National Weather Service Red Flag Warnings).*

SECTION 202 "TRAINED CROWD MANAGER" SHALL BE ADDED AS FOLLOWS:

TRAINED CROWD MANAGER. *Standby personnel, usually a security guard or usher personnel, who are trained in the proper procedure to exit people from a tent or other place of public assemblage in an orderly and calm fashion in the event of an emergency*

Chapter 3

SECTION 302.1 "DEFINITIONS" SHALL BE AMENDED AS FOLLOWS:

**3D PRINTER.
ADDITIVE MANUFACTURING.
BONFIRE.
CAMPFIRE.
HI-BOY.
HIGH-VOLTAGE TRANSMISSION LINE.
OPEN BURNING.
PORTABLE OUTDOOR FIREPLACE.
POWERED INDUSTRIAL TRUCK.
RECREATIONAL FIRE.
SKY LANTERN.**

SECTION 307.4.4 "OPEN BURNING RESTRICTIONS" SHALL BE ADDED AS FOLLOWS:

Section 307.4.4 Open Burning Restrictions. *Open burning on all lands within the jurisdiction of the El Dorado Hills Fire Department (EDHFD), including the Local Response Area (LRA), is prohibited when the California Department of Forestry and Fire Protection (Cal Fire) issues a burn suspension in the State Responsibility Area (SRA). This prohibition shall be made effective 24-hours following its commencement in the SRA.*

Open burning is also prohibited on all lands within the jurisdiction of EDHFD at any time the fire code official that atmospheric conditions or other local circumstances make such fires hazardous, including factors such as high winds, low fuel moisture, fire weather, the issuance of red flag warnings, severe threat of wildland fire, or present risk of destruction by wildfire to life, wildlife, property, or natural resources.

Chapter 4

SECTION 401.2.1 "PRE-FIRE PLANS" IS ADDED AS FOLLOWS:

Section 401.2.1 Pre-fire plans. *Where required by the fire code official, a pre-fire plan shall be provided and approved by the fire code official for all new commercial structures.*

Chapter 5

SECTION 503.2.1 "DIMENSIONS" SHALL BE AMENDED AS FOLLOWS:

Section 503.2.1 Dimensions. *Fire apparatus access roads shall have an unobstructed width of not less than 20 feet (6096 mm), exclusive of shoulders, as measured from face of curb to face of curb, except for approved security gates in accordance with Section 503.6, and an unobstructed vertical clearance of not less than 15 feet. Driveways shall have an unobstructed width of not less than 12 feet wide.*

SECTION 503.2.5 "DEAD ENDS" SHALL BE AMENDED AS FOLLOWS:

Section 503.2.5 Dead Ends. *Dead-end fire apparatus access roads and driveways in excess of 150 feet (45,720 mm) in length shall be provided with an approved area for turning around fire apparatus.*

SECTION 503.2.6 “BRIDGES AND ELEVATED SURFACES” SHALL BE AMENDED AS FOLLOWS:

Section 503.2.6 Bridges and Elevated Surfaces. Where a bridge or an elevated surface is part of a fire apparatus access road, the bridge shall be constructed and maintained in accordance with AASHTO HB-17, *the current El Dorado County Transportation Division Bridge Standard or Appendix D of the current California Fire Code, whichever is more restrictive.* Bridges and elevated surfaces shall be designed for a live load sufficient to carry the imposed loads of fire apparatus. Vehicle load limits shall be posted at both entrances to bridges when required by the fire code official. Where elevated surfaces designed for emergency vehicle use are adjacent to surfaces that are not designed for such use, approved barriers, approved signs or both shall be installed and maintained where required by the fire code official.

SECTION 503.3.1 “NO PARKING IN FIRE LANES” SHALL BE ADDED AS FOLLOWS:

Section 503.3.1 No Parking In Fire Lanes. *No person shall stop, park, or leave standing any vehicle, whether attended or unattended, except when necessary to avoid conflict with other traffic or in compliance with the directions of the Fire Chief, or his/her duly authorized representative, Peace Officer or official traffic control device along the edge of any highway, at any curb, or in any location in a publicly or privately owned or operated off-street parking facility, designated as a fire lane by the district with jurisdiction over the area in which the place is located. The designation shall be indicated (1) by a sign posted immediately adjacent to, and visible from, the designated place clearly stating in letters not less than one inch in height that the place is a fire lane, (2) by outlining or painting the place in red and, in contrasting color, marking the place with the words “FIRE LANE”, which are clearly visible from a vehicle, or (3) by a red curb or red paint on the edge of the roadway upon which is clearly marked the words “FIRE LANE”.*

SECTION 503.3.2 “NO PARKING IN FRONT OF HYDRANTS” SHALL BE ADDED AS FOLLOWS:

Section 503.3.2 No Parking in Front of Hydrants. *No person shall stop, park, or leave standing any vehicle within 15 feet of a fire hydrant except as follows: (a) If the vehicle is attended by a licensed driver who is seated in the front seat and who can immediately move such vehicle in case of necessity, (b) If the vehicle is owned or operated by a fire department and is clearly marked as a fire department vehicle.*

SECTION 503.3.3 “FIRE LANES BASED ON ROAD WIDTH” SHALL BE ADDED AS FOLLOWS:

Section 503.3.3 Fire Lanes Based on Road Width. *Fire lanes shall be based on road width as required in Appendix D as amended by the District.*

SECTION 503.6 “SECURITY GATES” IS AMENDED AS FOLLOWS:

Section 503.6 Security Gates. The installation of security gates across a fire apparatus access road shall be approved by the fire code official *and shall comply with the District gate standard.* Where security gates are installed, they shall have an approved means of emergency operation. The security gates and the emergency operation shall be maintained operational at all times. Electric gate operators, where provided, shall be listed in accordance

with UL 325. Gates intended for automatic operation shall be designed, constructed, and installed to comply with the requirements of ASTM F2200.

SECTION 505.1 "ADDRESS IDENTIFICATION" SHALL BE AMENDED AS FOLLOWS:

Section 505.1 Address Identification. *Addresses for new and existing buildings shall comply with the District address standard as approved by the fire code official. The address identification shall be legible and placed in a position that is visible from the street or road fronting the property. Address identification characters shall contrast with their background. Address numbers shall be Arabic numbers or alphabetical letters. Numbers shall not be spelled out. Each character shall be not less than 4 inches (102 mm) high with a minimum stroke width of 1/2 inch (12.7 mm). Where required by the fire code official, address identification shall be provided in additional approved locations to facilitate emergency response. access is by means of a private road and the building cannot be viewed from the public way, a monument, pole or other sign or means shall be used to identify the structure. Address identification shall be maintained.*

SECTION 507.5.1 "WHERE REQUIRED" SHALL BE AMENDED AS FOLLOWS:

Section 507.5.1 Where Required. *Where a portion of the facility or building hereafter constructed or moved into or within the jurisdiction is more than 150 feet from a hydrant on a fire apparatus access road, as measured by an approved route around the exterior of the facility or building, on-site fire hydrants and mains capable of supplying the required fire flow shall be provided where required by the fire code official.*

Exceptions:

1. For Group R-3 and Group U occupancies, the distance requirement shall be 600 feet (183 m).

SECTION 509.3 "FIRE CONTROL ROOM" SHALL BE ADDED AS FOLLOWS:

Section 509.3 Fire Control Room. *Fire sprinkler risers, fire alarm control panels, solar photovoltaic power system rapid shutoff switches, and other fire detection, suppression or similar control elements shall be located inside a single fire control room for the building. The fire control room shall have minimum dimensions of five feet by seven feet in size with a total usable area of not less than 35 square feet. The room shall be located within the building on an outside wall at a location approved by the Fire Code Official and shall be accessible from the exterior. An exterior access door with a clear width of not less than 32 inches and height of not less than 80 inches shall be provided for access into the room. A durable sign shall be affixed to the exterior of the door with the words "FIRE CONTROL ROOM" in letters not less than 4 inches in height. A key box complying with Section 506 shall be installed on the exterior side of the fire control room door opening.*

The room must be capable of maintaining a minimum temperature of 40 degrees Fahrenheit. A clearance of 12 inches shall be provided from the fire sprinkler risers to any adjacent walls. This room can be a shared with other building utilities or fire protection equipment that is not incompatible. An approved cabinet or container shall be provided to store record plans of the fire sprinkler system and other fire protection equipment. This room shall not be used for any other storage.

Exception: *One-and two-family dwellings, manufactured homes or similar uses defined as either a Group R-3, R3.1, or R-4 occupancy.*

SECTION 510.4.2.3 “STANDBY POWER” SHALL BE AMENDED AS FOLLOWS:

Section 510.4.2.3 Standby power. In-building, two-way emergency responder communication radio coverage systems shall be provided with dedicated standby batteries or provided with 2-hour standby batteries and connected to the facility generator power system in accordance with Section 1203. The standby power supply shall be capable of operating the in-building, two-way emergency responder communication coverage system at 100-percent system capacity for a duration of not less than 72 hours.

Chapter 9

SECTION 903.2 “WHERE REQUIRED” SHALL BE AMENDED AS FOLLOWS:

Section 903.2 Where Required. Approved automatic sprinkler systems *in new buildings and structures when constructed or relocated within the jurisdiction shall be provided in the locations* described in Sections 903.2.1 through 903.2.12 and Sections 903.2.14 through 903.2.23.

Exception: *Agricultural buildings not under a special use permit used for commercial purposes.*

SECTION 903.2.1.1 “GROUP A-1” SHALL BE AMENDED AS FOLLOWS:

Section 903.2.1.1 Group A. An automatic sprinkler system shall be provided throughout stories containing Group A-1 occupancies and throughout all stories from the Group A-1 occupancy to and including the levels of exit discharge serving that occupancy where one of the following conditions exists:

1. The fire area exceeds 3,600 square feet.
2. The fire area has an occupant load of 300 or more.
3. The fire area is located on a floor other than a level of exit discharge serving such occupancies.
4. The fire area contains a multi-theater complex

SECTION 903.2.1.2 “GROUP A-2” SHALL BE AMENDED AS FOLLOWS:

Section 903.2.1.2 Group A-2. An automatic sprinkler system shall be provided throughout stories containing Group A-2 occupancies and throughout all stories from the Group A-2 occupancy to and including the levels of exit discharge serving that occupancy where one of the following conditions exists:

1. The fire area exceeds 3,600 square feet;
2. The fire area has an occupant load of 100 or more.
3. The fire area is located on a floor other than a level of exit discharge serving such occupancies.
4. The structure exceeds 3,600 square feet, contains more than one fire area containing a Group A-2 occupancy, and is separated into two or more buildings by fire walls of less than 4-hour fire-resistance rating without openings.

SECTION 903.2.1.3 “GROUP A-3” SHALL BE AMENDED AS FOLLOWS:

Section 903.2.1.3 Group A-3. An automatic sprinkler system shall be provided throughout stories containing Group A-3 occupancies and throughout all stories from the Group A-3 occupancy to and including the levels of exit discharge serving that occupancy where one of the following conditions exists:

1. The fire area exceeds 3,600 square feet.
2. The fire area has an occupant load of 300 or more.
3. The fire area is located on a floor other than a level of exit discharge serving such occupancies.
4. The structure exceeds 3,600 square feet, contains more than one fire area containing exhibition and display rooms, and is separated into two or more buildings by fire walls of less than 4-hour fire-resistance rating without openings.

SECTION 903.2.1.4 “GROUP A-4” SHALL BE AMENDED AS FOLLOWS:

Section 903.2.1.4 Group A-4. An automatic sprinkler system shall be provided throughout stories containing Group A-4 occupancies and throughout all stories from the Group A-4 occupancy to and including the levels of exit discharge serving that occupancy where one of the following conditions exists:

1. The fire area exceeds 3,600 square feet.
2. The fire area has an occupant load of 300 or more.
3. The fire area is located on a floor other than a level of exit discharge serving such occupancies.

SECTION 903.2.3 “GROUP E” SHALL BE AMENDED AS FOLLOWS:

Section 903.2.3 Group E. An automatic sprinkler system shall be provided for Group E occupancies as follows:

1. Throughout all Group E fire areas greater than 3,600 square feet in area.
2. The Group E fire area is located on a floor other than a level of exit discharge serving such occupancies.

Exception: In buildings where every classroom has not fewer than one exterior exit door at ground level, an automatic sprinkler system is not required in any area below the lowest level of exit discharge serving that area.

3. The Group E fire area has an occupant load of 300 or more.
4. In rooms or areas with special hazards such as laboratories, vocational shops and other such areas where hazardous materials in quantities not exceeding the maximum allowable quantity are used or stored.
5. Throughout any Group E structure greater than 3,600 square feet in area, which contains more than one fire area, and which is separated into two or more buildings by fire walls of less than 4-hour fire resistance rating without openings.
6. For public school state funded construction projects see Section 903.2.19.

7. For public school campuses, Kindergarten through 12th grade, see Section 903.2.20

SECTION 903.2.4 “GROUP F-1” SHALL BE AMENDED AS FOLLOWS:

Section 903.2.4 Group F-1. An automatic sprinkler system shall be provided throughout all buildings containing a Group F-1 occupancy where one of the following conditions exists:

1. A Group F-1 fire area exceeds 3,600 square feet.
2. A Group F-1 fire area is located more than three stories above grade plane.
3. The combined area of all Group F-1 fire areas on all floors, including any mezzanines, exceeds 3,600 square feet.

SECTION 903.2.7 “GROUP M” SHALL BE AMENDED AS FOLLOWS:

Section 903.2.7 Group M. An automatic sprinkler system shall be provided throughout buildings containing a Group M occupancy where one of the following conditions exists:

1. A Group M fire area exceeds 3,600 square feet.
2. A Group M fire area is located more than three stories above grade plane.
3. The combined area of all Group M fire areas on all floors, including any mezzanines, exceeds 3,600 square feet.
5. The structure exceeds 3,600 square feet, contains more than one fire area containing a Group M occupancy, and is separated into two or more buildings by fire walls of less than 4-hour fire resistance rating without openings.

SECTION 903.2.7.2 “GROUP M UPHOLSTERED FURNITURE OR MATTRESSES” SHALL BE AMENDED AS FOLLOWS:

Section 903.2.7.2 Group M Upholstered Furniture or Mattresses. An automatic sprinkler system shall be provided throughout a Group M fire area where the area used for the display and sale of upholstered furniture or mattresses exceeds 3,600 square feet.

SECTION 903.2.8.5 “MANUFACTURED HOMES” SHALL BE ADDED AS FOLLOWS:

Section 903.2.5.2 Manufactured Homes. *An automatic fire sprinkler system shall be required in all new manufactured homes and multi-family manufactured homes intended for use as a one-and two-family dwelling. The design and installation of such systems shall be in accordance with California Code of Regulations, Title 25, §4300.*

Exceptions:

1. *Manufactured homes located within an existing mobile home park complying with California Health and Safety Code, Division 13, Part 2.1 or 2.3.*
2. *Manufactured homes that do not exceed 1,200 square feet in size and serve as an accessory dwelling unit, as defined in Government Code Section 658502; when the existing primary residence on the property is not required to comply with California Residential Code Section R313.2.*
3. *Manufactured homes that do not exceed 320 square feet in size.*

SECTION 903.2.9 "GROUP S-1" SHALL BE AMENDED AS FOLLOWS:

Section 903.2.9 Group S-1. An automatic sprinkler system shall be provided throughout all buildings containing a Group S-1 occupancy where one of the following conditions exists:

1. A Group S-1 fire area exceeds 3,600 square feet.
2. A Group S-1 fire area is located more than three stories above grade plane.
3. The combined area of all Group S-1 fire areas on all floors, including any mezzanines, exceeds 3,600 square feet.
4. A Group S-1 fire area used for the storage of commercial motor vehicles where the fire area exceeds 3,600 square feet.

SECTION 903.2.10 "GROUP S-2" SHALL BE AMENDED AS FOLLOWS:

Section 903.2.10 Group S-2. An automatic sprinkler system shall be provided throughout buildings classified as parking garages where any of the following conditions exist:

1. Where the fire area of the enclosed parking garage, in accordance with Section 406.6 of the California Building Code, exceeds 3,600 square feet.
2. Where the enclosed parking garage, in accordance with Section 406.6 of the California Building Code, is located beneath other groups.

Exception: Enclosed parking garages located beneath Group R-3 occupancies.

3. Where the fire area of the open parking garage, in accordance with Section 406.5 of the California Building Code, exceeds 3,600 square feet.

SECTION 903.2.10.1 "COMMERCIAL PARKING GARAGES" SHALL BE AMENDED AS FOLLOWS:

Section 903.2.10.1 Commercial Parking Garages. An automatic sprinkler system shall be provided throughout buildings used for storage of commercial motor vehicles where the fire area exceeds 3,600 square feet.

SECTION 903.2.22 "GROUP B" SHALL BE ADDED AS FOLLOWS:

Section 903.2.22 Group B. *An automatic sprinkler system shall be provided throughout all buildings containing Group B occupancies where the fire area exceeds 3,600 square feet.*

SECTION 903.2.23 "GROUP F-2" SHALL BE ADDED AS FOLLOWS:

Section 903.2.23 Group F-2. *An automatic sprinkler system shall be provided throughout all buildings containing Group F-2 occupancies where the fire area exceeds 3,600 square feet.*

SECTION 903.6 "WHERE REQUIRED IN EXISTING BUILDINGS AND STRUCTURES" IS AMENDED AS FOLLOWS:

Section 903.6 Where Required In Existing Buildings and Structures. An automatic sprinkler system shall be provided in existing buildings and structures where required in Chapter 11 *and as follows*:

1. When there is a change in occupancy classification that results in an increased life safety or fire risk, as determined by the fire code official, and the structure exceeds 3,600 square feet, an automatic fire sprinkler system shall be installed throughout the building.
2. *In existing buildings 3,600 square feet or greater, other than one and two-family dwelling units, and agricultural buildings not under special use permit for commercial purposes, where the floor area of the building or structure is increased, such building or structure shall be made to conform to Section 903.2.*

Exception: *When the building increase is less than 500 square feet.*

3. *In existing buildings 3,600 square feet or less, other than one-and two-family dwelling units, and agricultural buildings not under special use permit for commercial purposes, where the floor area of the building or structure is increased to a total square footage over 3,600 square feet, such building or structure shall be made to conform to Section 903.2.*

Exception: *When the building increase is less than 500 square feet.*

SECTION 907.2. "WHERE REQUIRED – NEW BUILDINGS AND STRUCTURES" SHALL BE AMENDED AS FOLLOWS:

Section 907.2. Where Required – New Buildings and Structures. An approved fire alarm system installed in accordance with the provisions of this code and NFPA 72 shall be provided in new buildings and structures in accordance with Sections 907.2.1 through 907.2.2930 and provide occupant notification in accordance with Section 907.5, unless other requirements are provided by another section of this code.

Not fewer than one manual fire alarm box shall be provided in an approved location to initiate a fire alarm signal for fire alarm systems employing automatic fire detectors or waterflow detection devices. Where other sections of this code allow elimination of fire alarm boxes due to sprinklers or automatic fire alarm systems, a single fire alarm box shall be installed at a location approved by the enforcing agency.

Exceptions:

1. The manual fire alarm box is not required for fire alarm control units systems dedicated to elevator recall control, supervisory service and fire sprinkler monitoring.
2. The manual fire alarm box is not required for Group R-2 occupancies unless required by the fire code official to provide a means for fire watch personnel to initiate an alarm during a sprinkler system, impairment event. Where provided, the manual fire alarm box shall not be located in an area that is open to the public.
3. The manual fire alarm box is not required to be installed when approved by the fire code official.
4. *A fire alarm system is not required in one and two-family dwellings, agricultural buildings, and other occupancies classified as Group U not under special use*

permit and/or not used for commercial purposes (e.g. retail sales, food service, and/or special events).

5. *Buildings with a floor area less than 500 square feet may be exempt, as determined by the fire code official based on building construction material and features, location, occupancy type, and distance to exposures.*

SECTION 907.2.1.4 "GROUP A UNDER 3,600 SQUARE FEET" SHALL BE ADDED AS FOLLOWS:

Section 907.2.1.4 Group A Under 3,600 Square Feet. *An approved fire alarm system shall be installed in all group A buildings with a floor area less than 3,600 square feet.*

SECTION 907.2.2.3 "GROUP B UNDER 3,600 SQUARE FEET" SHALL BE ADDED AS FOLLOWS:

Section 907.2.2.3 Group B Under 3,600 Square Feet. *An approved fire alarm system shall be installed in all group B buildings with a floor area less than 3,600 square feet.*

SECTION 907.2.3.11 "GROUP E UNDER 3,600 SQUARE FEET" SHALL BE ADDED AS FOLLOWS:

Section 907.2.3.11 Group E Under 3,600 Square Feet. *An approved fire alarm system shall be installed in all group E buildings with a floor area less than 3,600 square feet.*

SECTION 907.2.4.1 "GROUP F UNDER 3,600 SQUARE FEET" SHALL BE ADDED AS FOLLOWS:

Section 907.2.4.1 Group F Under 3,600 Square Feet. *An approved fire alarm system shall be installed in all group F buildings with a floor area less than 3,600 square feet.*

SECTION 907.2.5.2 "GROUP H UNDER 3,600 SQUARE FEET" SHALL BE ADDED AS FOLLOWS:

Section 907.2.5.2 Group H Under 3,600 Square Feet. *An approved fire alarm system shall be installed in all group H buildings with a floor area less than 3,600 square feet.*

SECTION 907.2.6.6 "GROUP I UNDER 3,600 SQUARE FEET" SHALL BE ADDED AS FOLLOWS:

Section 907.2.6.6 Group I Under 3,600 Square Feet. *An approved fire alarm system shall be installed in all group I buildings with a floor area less than 3,600 square feet.*

SECTION 907.2.7.2 "GROUP M UNDER 3,600 SQUARE FEET" SHALL BE ADDED AS FOLLOWS:

Section 907.2.7.2 Group M Under 3,600 Square Feet. *An approved fire alarm system shall be installed in all group M buildings with a floor area less than 3,600 square feet.*

SECTION 907.2.8.4 "GROUP R-1 UNDER 3,600 SQUARE FEET" SHALL BE ADDED AS FOLLOWS:

Section 907.2.8.4 Group R-1 Under 3,600 Square Feet. *An approved fire alarm system shall be installed in all group R-1 buildings with a floor area less than 3,600 square feet.*

SECTION 907.2.9.4 "GROUP R-2, R-2.1, R-2.2 UNDER 3,600 SQUARE FEET" SHALL BE ADDED AS FOLLOWS:

Section 907.2.9.4 Group R-2, R-2.1, R-2.2 Under 3,600 Square Feet. *An approved fire alarm system shall be installed in all group R-2, R-2.1, R-2.2 buildings with a floor area less than 3,600 square feet.*

SECTION 907.2.10.1 "GROUP S UNDER 3,600 SQUARE FEET" SHALL BE ADDED AS FOLLOWS:

Section 907.2.10.1 Group S Under 3,600 Square Feet. *An approved fire alarm system shall be installed in all group S buildings with a floor area less than 3,600 square feet.*

907.2.30 "TYPE I HOOD INSTALLATIONS" SHALL BE ADDED AS FOLLOWS:

907.2.30 "Type I Hood Installations. *The requirement of installation, or replacement, of a Type I Hood System shall require a fire alarm/sprinkler monitoring system to be installed, or for the hood system to be connected to an existing fire alarm/sprinkler monitoring system for that building.*

907.6.5 "MONITORING" SHALL BE AMENDED AS FOLLOWS:

907.6.5 Monitoring. *Fire alarm systems required by this chapter or by the California Building Code shall be monitored by an approved, UL certified, Type A Full Service central, proprietary or remote station service, which gives audible and visual signals at a constantly attended location. All sprinklered buildings shall be monitored.*

Exceptions:

1. *One- and two-family dwellings (R-3 Occupancies and other occupancies classified as "U").*
2. *Agricultural buildings not under special use permit and/or not used for commercial purposes (e.g., retails sales, food service, and/or special events).*

SECTION 907.6.2.1 "SECONDARY POWER SUPPLY" SHALL BE ADDED AS FOLLOWS:

SECTION 907.6.2.1 SECONDARY POWER SUPPLY. *Where required by the fire code official, in accordance with NFPA 72, the secondary power supply providing a minimum 24-hour power capacity under quiescent load (system operating in a non-alarm condition) shall be amended to a minimum 72-hour power capacity.*

Exception: *The existence of an emergency back-up power supply that meets or exceed the requirements of California Fire Code Chapter 12.*

SECTION 907.9 “WHERE REQUIRED IN EXISTING BUILDINGS” SHALL BE AMENDED AS FOLLOWS:

SECTION 907.9 Where Required. An approved fire alarm system shall be provided in existing buildings and structures where required in Chapter 11 and *in existing buildings with a floor area less than 3,600 square feet without an approved automatic sprinkler system, other than one- or two-family dwelling units, agricultural building not under special use permit for commercial purposes where a fire alarm detection system does not exist and the floor area of the building or structure is increased*

Exception: When the building increase is less than 500 square feet.

Chapter 12

SECTION 1203.1.3 “INSTALLATION” SHALL BE AMENDED AS FOLLOWS:

Section 1203.1.3 Installation. Emergency power systems and standby power systems shall be installed in accordance with the California Building Code, the California Electrical Code, NFPA 110 and NFPA 111. *All buildings, other than one- and two-family dwelling units, and agricultural buildings not used for commercial purposes, with standby power, shall have a shunt trip device that disconnects all power sources to the building, approved by the fire code official. Existing installations shall be maintained in accordance with the original approval.*

Chapter 33

SECTION 3311.3 “PREMISE IDENTIFICATION” SHALL BE ADDED AS FOLLOWS:

Section 3311.3 Premise Identification. *Prior to and during construction, an approved address sign shall be provided at each fire and emergency vehicle access road entry into the project.*

SECTION 3313.1 “WHEN REQUIRED” SHALL BE AMENDED AS FOLLOWS:

Section 3313.1 When Required. An approved water supply for fire protection, either temporary or permanent, shall be *shall be installed and maintained in continuous operation* as soon as combustible building materials arrive on site, the commencement of vertical combustible construction and on installation of a standpipe system in buildings under construction, in accordance with Sections 3313.2 through 3313.5.

Exception: The fire code official is authorized to reduce the fire-flow requirements for isolated buildings or a group of buildings in rural areas or small communities where the development of full fire-flow requirements is impractical.

Chapter 50

SECTION 5001.7 “LIABILITY FOR DAMAGES” SHALL BE ADDED AS FOLLOWS:

Section 5001.7 Liability for Damages. *Any damages or cost resulting from the negligence, violation of the law, careless handling, spill or discharge of any hazardous materials shall*

constitute debt against any such person, firm or corporation causing such spill or discharge. This debt is collectible by the Fire Chief, or his/her duly authorized representative, in the same manner as in the case of an obligation under contract, expressed or implied.

Chapter 56

SECTION 5601.2 "PERMIT REQUIRED" SHALL BE AMENDED AS FOLLOWS:

Section 5601.2 Permit Required. Permits shall be required as set forth in Section 105.5 and regulated in accordance with this section. *Where fireworks permits are required, they shall be issued by the Fire Chief, or his/her duly authorized representative, and the El Dorado County Board of Supervisors.*

Chapter 57

SECTION 5704.2.9.6.1 "LOCATIONS WHERE ABOVE-GROUND TANKS ARE PROHIBITED" SHALL BE AMENDED AS FOLLOWS:

SECTION 5704.2.9.6.1 Locations Where Above-Ground Tanks are Prohibited. Storage of Class I and Class II flammable liquids in above-ground tanks outside of buildings is prohibited within the limits established by law as the limits of districts in which such storage is prohibited. *Storage of Class I and Class II flammable liquids in above-ground tanks outside of buildings is prohibited unless approved by the fire code official.*

SECTION 5706.2.4.4 "LOCATIONS WHERE ABOVE-GROUND TANKS ARE PROHIBITED" SHALL BE AMENDED AS FOLLOWS:

SECTION 5706.2.4.4 Locations Where Above-Ground Tanks are Prohibited. The storage of Class I and Class II liquids in above-ground tanks is prohibited within the limits established by law as the limits of districts in which such storage is prohibited. *Storage of Class I and Class II liquids in above-ground tanks is prohibited unless approved by the fire code official.*

Chapter 58

SECTION 5806.2 "LIMITATIONS" SHALL BE AMENDED AS FOLLOWS:

SECTION 5806.2 Limitations. Storage of flammable cryogenic fluids in stationary containers outside of buildings is prohibited within the limits established by law as the limits of districts in which such storage is prohibited. *Storage of flammable cryogenic fluids in stationary containers outside of buildings is prohibited unless approved by the fire code official.*

Chapter 61

SECTION 6104.2 "MAXIMUM CAPACITY WITHIN ESTABLISHED LIMITS" SHALL BE AMENDED AS FOLLOWS:

SECTION 6104.2 Maximum Capacity within Established Limits. Within the limits established by law restricting the storage of liquefied petroleum gas for the protection of heavily populated or congested areas, the aggregate capacity of any one installation shall not exceed a water capacity of 2,000 gallons. *The storage of liquefied petroleum gas in excess of an aggregate of 2,000-gallon water capacity when located at least one-half (1/2) mile from property zoned or designated for residential use and at least one-half (1/2) mile from existing residential development with a density greater than one (1) dwelling unit per acre and at least one-half (1/2) mile from any hotel or motel is allowed when approved by the fire code official, and a special/conditional use permit is issued by the County of El Dorado.*

Dispensing within established limits. Within the limits established by law restricting the dispensing of liquefied petroleum gas for the protection of heavily populated or congested areas, the aggregate capacity of any one installation shall not exceed a water capacity of 2,000 gallons. The dispensing of liquefied petroleum gas in excess of an aggregate of 2,000-gallon water capacity when located at least one-half (1/2) mile from property zoned or designated for residential use and at least one-half (1/2) mile from any hotel or motel is allowed when approved by the fire code official and a special/conditional use permit is issued by the County of El Dorado.

Chapter 80

SECTION 80, NFPA 1-22, CHAPTER 22 “AUTOMOTIVE WRECKING YARDS” IS ADOPTED, AMENDED SECTIONS AS FOLLOWS:

Revise Section 22.3 as follows:

22.3 Fire department access roads shall be in accordance with the California Fire Code, Section 503 and Appendix D.

Add new Section 22.10 as follows:

22.10 Stored vehicles, boats, recreational vehicles, parts, and equipment shall not be stored within 30 feet of adjacent property lines.

SECTION 80, NFPA, 13D-22 – “STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS IN ONE-AND TWO FAMILY DWELLINGS AND MANUFACTURED HOMES” IS AMENDED AS FOLLOWS: 903.3.1.3, 903.3.5.1.1

NFPA 13D, Amended Sections as follows:

Add new Section 4.6 as follows:

4.6 Residential fire sprinkler systems installed in all new one-and two-family dwellings shall utilize a “Passive Purge” system design unless otherwise approved by the fire code official.

***Exception:** Manufactured home installed, tested and approved by the California Department of Housing and Community Development.*

Revise Section 5.1.1.2 as follows:

5.1.1.2 *A supply of at least one of each type and temperature sprinkler used within the premises shall be maintained on the property at an approved location. Spare sprinklers shall be kept in a mounted and accessible cabinet.*

Revise Section 7.6 as follows:

7.6 *A local audio/visual device activated upon water flow shall be provided on all fire sprinkler systems in homes at an approved location on the exterior of the dwelling.*

Revise Section 11.2.1.1 as follows:

11.2.1.1 *Where a fire department pumper connection is not provided, the system shall be hydrostatically tested at a minimum pressure of 150 pounds per square inch gauge for no less than a 30-minute duration without evidence of leakage. Such test shall be witnessed by the fire code official.*

Appendix B – Fire Flow Requirements for Buildings

TABLE B105.1(1) “REQUIRED FIRE FLOW FOR ONE- AND TWO-FAMILY DWELLINGS, GROUP R-3, AND R-4 BUILDINGS AND TOWNHOUSES” SHALL BE AMENDED AS FOLLOWS:

TABLE B105.1(1) REQUIRED FIRE FLOW FOR ONE- AND TWO-FAMILY DWELLINGS, GROUP R-3, AND R-4 BUILDINGS AND TOWNHOUSES

FIRE-FLOW CALCULATION AREA (square feet)	AUTOMATIC SPRINKLER SYSTEM (Design Standard)	MINIMUM FIRE-FLOW (gallons per minute)	FLOW DURATION (hours)
0 – 3,600	No automatic sprinkler system	1,000	1
3,601 and greater	No automatic sprinkler system	Value in Table B105.1(2)	Duration in Table B105.1(2) at the required fire-flow rate
MAJOR SUBDIVISIONS (5 PARCELS OR GREATER)			
0 – 3,600	Section 903.3.1.3 of the CA Fire Code or Section 313.3 of the CA Residential Code	1,000	1
3,601 and greater	Section 903.3.1.3 of the CA Fire Code or Section	1/2 value of Table B105.1(2)	2

	313.3 of the CA Residential Code	(min. 1000 GPM)	
<i>OTHER RESIDENTIAL DEVELOPMENT</i>			
0 – 3,600	Section 903.3.1.3 of the CA Fire Code or Section 313.3 of the CA Residential Code	500	1
3,601 and greater	Section 903.3.1.3 of the CA Fire Code or Section 313.3 of the CA Residential Code	1/2 value of Table B105.1(2) (min. 750 GPM)	1

TABLE B105.2 “REQUIRED FIRE FLOW FOR BUILDINGS OTHER THAN ONE- AND TWO-FAMILY DWELLINGS, GROUP R-3, AND R-4 BUILDINGS AND TOWNHOUSES” SHALL BE AMENDED AS FOLLOWS:

TABLE B105.2 REQUIRED FIRE FLOW FOR BUILDINGS OTHER THAN ONE- AND TWO-FAMILY DWELLINGS, GROUP R-3, AND R-4 BUILDINGS AND TOWNHOUSES

AUTOMATIC SPRINKLER SYSTEM (Design Standard)	MINIMUM FIRE-FLOW (gallons per minute)	FLOW DURATION (hours)
No automatic sprinkler system	Value in Table B105.1(2)	Duration in Table B105.1(2)
Section 903.3.1.1 of the CA Fire Code	25% of the value in Table B105.1(2) ^b	Duration in Table B105.1(2) at the reduced flow rate

b. The reduced fire flow shall not be less than 1,500 gpm

Appendix D – Fire Apparatus Access Roads

SECTION D103.1 “ACCESS ROAD WIDTH WITH A HYDRANT” SHALL BE AMENDED AS FOLLOWS:

Section D103.1 Access Road Width with a Hydrant. Where a fire hydrant is located on a fire apparatus access road, the minimum road width shall be 26 feet (7925 mm), exclusive of shoulders (see Figure D103.1).

Exception: *Driveways*

SECTION D103.2 “GRADE” SHALL BE AMENDED AS FOLLOWS:

SECTION D103.2 Grade. Fire apparatus access roads *and driveways* shall not exceed 15.9% in grade unless approved by the fire code official or by the El Dorado County amended California Public Resource Code Title 14 / Design and Improvement Standards Manual.

SECTION D103.3 “TURNING RADIUS” SHALL BE AMENDED AS FOLLOWS:

SECTION D103.3 Turning Radius. The minimum turning radius shall be determined by the fire code official; *and shall not include curb and gutter.*

SECTION D103.5 “FIRE APPARATUS ACCESS ROAD GATES” SHALL BE AMENDED AS FOLLOWS:

SECTION D103.5 Fire Apparatus Access Road Gates. Gates securing the fire apparatus access roads shall comply with all of the following criteria:

1. Where a single gate is provided, the gate width shall be not less than 20 feet (6096 mm). Where a fire apparatus road consists of a divided roadway, the gate width shall be not less than 15 feet (3658 mm).
2. Gates shall be of the horizontal swing, horizontal slide, vertical lift or vertical pivot type.
3. Construction of gates shall be of materials that allow manual operation by one person.
4. Gate components shall be maintained in an operative condition at all times and replaced or repaired when defective.
5. Electric gates shall be equipped with a means of opening the gate by fire department personnel for emergency access. Emergency opening devices shall be approved by the fire code official.
6. Methods of locking shall be submitted for approval by the fire code official.
7. Electric gate operators, where provided, shall be listed in accordance with UL 325.
8. Gates intended for automatic operation shall be designed, constructed and installed to comply with the requirements of ASTM F2200.

SECTION D103.6.1 “ROADS 20 TO 29 FEET IN WIDTH” SHALL BE AMENDED AS FOLLOWS:

SECTION D103.6.1 Roads 20 to 29 feet in width. Fire lane signs as specified in Section D103.6 shall be posted on both side of fire apparatus access roads that are 20 to 29 feet wide (6096 to 8534.4 mm).

SECTION D103.6.2 “ROADS MORE THAN 29 FEET IN WIDTH” SHALL BE AMENDED AS FOLLOWS:

SECTION D103.6.2 Roads more than 29 feet in Width. Fire lane signs as specified in Section D103.6 shall be posted on one side of fire apparatus access roads more than 29 feet wide (8534.4 mm) and less than 36 feet wide (10972.8 mm).

SECTION D104.4 “CIRCUMFERENTIAL FIRE APPARATUS ACCESS ROADS” SHALL BE ADDED AS FOLLOWS:

SECTION D104.4 Circumferential Fire Apparatus Access Roads. *When required by the fire code official, a fire apparatus access road shall be constructed to encompass the entirety of a structure and shall provide a continuous means of emergency vehicle access.*

SECTION 4: CONFLICT

That Ordinance No. 2019-01 of the EDHCWD, and all other ordinances or parts of ordinances herewith are hereby repealed.

SECTION 5: SEVERABILITY

If any Ordinance, article, subsection or subdivision thereof, provision, sentence, clause or phrase of this code, or any application thereof, is for any reason held to be invalid by a court of competent jurisdiction, such decision shall not affect the remaining provisions of this code, which can be given effect without the invalid portions and, therefore, such invalid portions are declared to be severable. The EDHCWD hereby declares that it would have enacted this Ordinance and each of its articles, sections, subsections, or subdivisions thereof, provisions, sentences, clauses or phrases irrespective of the fact that one or more of them is declared invalid.

SECTION 6: EFFECTIVE DATE AND PUBLICATION

This Ordinance shall take effect thirty (30) days after its adoption. The EDHCWD Board Secretary is directed to publish this ordinance in a newspaper of general circulation in the District. In lieu of publication of the full text of the ordinance, a summary of the ordinance may be published by the by the Board Secretary within fifteen (15) days after its passage and a certified copy shall be posted in the office of the EDHCWD pursuant to *Government Code Section 36933(c) (1)*.

The above Ordinance was introduced at a meeting of the Board of Directors of the EDHCWD on September 15, 2022, and it was then read for the first time. A public hearing was set for the Ordinance to be read for the second time on October 20, 2022 and approved by the following vote:

PASSED AND ADOPTED by the Board of Directors of the EDHCWD this, _____ day of _____, 2022.

AYES:

NOES:

ABSENT:

ABSTAIN:

John Giraud, Board President

ATTEST:

Jessica Braddock, Board Secretary

Rescue Fire Department
ORDINANCE NO. 2022-01

BE IT ORDAINED BY THE BOARD OF DIRECTORS OF THE RESCUE FIRE
DEPARTMENT AS FOLLOWS:

An ordinance of the Rescue Fire Department adopting the [2019-2022](#) Edition of the *California Fire Code*, incorporating the [2018-2021](#) Edition of the *International Fire Code*, regulating and governing the safeguarding of life and property from fire and explosion hazards arising from the storage, handling and use of hazardous substances, materials and devices, and from conditions hazardous to life or property in the occupancy of buildings and premises in the Rescue Fire Department; providing for the issuance of permits and collection of fees therefor; Repealing Ordinance No. [2016-372019-01](#) of the Rescue Fire Department and all other ordinances and parts of the ordinances in conflict therewith.

Be it ORDAINED by the Board of Directors of the Rescue Fire Department:

Section 1: **FINDINGS OF FACTS**

Section 2: **ADOPTION OF CODE WITH EXCLUSIONS**

Section 3: **LOCAL AMENDMENTS**

Section 4: **CONFLICT**

Section 5: **SEVERABILITY**

Section 6: **EFFECTIVE DATE AND PUBLICATION**

SECTION 1: FINDINGS OF FACTS

The Rescue Fire Department makes certain changes (listed below) to the *California Fire Code*, 2022 Edition, pursuant to *Health & Safety Code Sections 13869.7, [17958.5](#), 17958.7 and 18941.5* during this code adoption process. Such changes are necessary because of local climatic, geological and/or topographical conditions. The Rescue Fire Department has adopted, pursuant to *Section 18941.5* of the *California Health & Safety Code*, the findings of facts relative to these conditions by Resolution #2022-XX of the Rescue Fire Department dated XXXX XX, 2022.

SECTION 2: ADOPTION OF CODE WITH EXCLUSIONS

The EDHCWD adopts the [2019-2022 California Fire Code, Title 24, Part 9](#), **in its entirety**, including Appendices, incorporating those sections of the *International Fire Code*, [2018 2021](#) edition not adopted by the state, with the exclusions listed below:

Exclusions: [103](#), ~~[105.6.39](#)~~, ~~[308.1.4](#)~~, 309, 311.5, 311.6, 318, ~~[403.1](#)~~, ~~[403.2.1](#)~~ ~~[403.2.4](#)~~, ~~[403.3](#)~~, ~~[403.4](#)~~, ~~[403.5](#)~~ ~~[403.6](#)~~, ~~[403.7](#)~~ ~~[403.8](#)~~ (adopting ~~[403.8.1](#)~~ ~~[403.8.1.7](#)~~), ~~[403.9](#)~~ ~~[403.10.2](#)~~, ~~[403.10.3](#)~~, 403.11, ~~[403.12](#)~~, ~~[404.1](#)~~ ~~[404.4](#)~~ ~~[404](#)~~, ~~[405.1](#)~~ ~~[405.4](#)~~, ~~[405.6](#)~~ ~~[405.9](#)~~, 406, ~~[805](#)~~ ~~[807](#)~~ (adopting ~~[807.5.2](#)~~), ~~[808](#)~~, ~~[903.3.1.2](#)~~, 904.1.1, ~~[1101](#)~~, 1103.1, 1103.3-1103.6, ~~[1103.6](#)~~ ~~[1103.9](#)~~ (adopting ~~[1103.9.1](#)~~), ~~[1103.10](#)~~, ~~[1104](#)~~ ~~[1105](#)~~ ~~[1106](#)~~, Chapter 25, Chapter 26, ~~the exceptions under~~ D104.2 (Exception only), D106.1 (Exception only), D107.1 (Exceptions only), Appendix A, ~~Appendix E~~, ~~Appendix F~~, Appendix G, Appendix J, Appendix K, Appendix L, Appendix M, ~~Appendix N~~, ~~Appendix O~~.

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Appendices not adopted can be used for reference in enforcing other sections of the [2019 2022 California Fire Code](#).

SECTION 3: LOCAL AMENDMENTS TO THE 2022 CALIFORNIA FIRE CODE

The following Sections are hereby amended or added:

Chapter 1

SECTION 101.1 "TITLE" SHALL BE AMENDED AS FOLLOWS:

Section 101.1 TITLE. These regulations shall be known as the Fire Code of *EDHCWD*, hereinafter referred to as "this code".

SECTION 105.5 "REQUIRED OPERATIONAL PERMITS" IS AMENDED AS FOLLOWS:

Section 105.5 Required operational permits. The fire code official is authorized to issue operational permits for the operations set forth in Sections 105.5.2 through 105.5.25.

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SECTION 105.5.55 "AUTOMOBILE WRECKING YARDS" IS ADDED AS FOLLOWS:

Section 105.5.55 Automobile wrecking yards. An operational permit is required for the operation of automobile wrecking yards.

SECTION 105.6 "REQUIRED CONSTRUCTION PERMITS" IS AMENDED AS FOLLOWS:

Section 105.6 required construction permits. The fire code official is authorized to issue construction permits for work as set forth in sections 105.6.1 through 105.6.246.

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SECTION 105.6.25 "AUTOMOBILE WRECKING YARDS" IS ADDED AS FOLLOWS:

Section 105.6.25 Automobile wrecking yards. Construction permits are required for the installation of or modification to automobile wrecking yards.

SECTION 105.6.26 "TRAFFIC CALMING DEVICES" IS ADDED AS FOLLOWS:

105.6.26 Traffic calming devices. Construction permits are required for the installation or modification of traffic calming devices.

SECTION ~~106.6.107.5~~ "PERMIT, PLAN REVIEW AND INSPECTION FEES" SHALL BE ADDED AS FOLLOWS:

Section ~~106.6.107.5~~ Permit. -A schedule of fees adopted by the district board of directors for plan review, inspections and the issuance of permits by the district may be found in the most current district fee schedule (Health & Safety Code 17951).

SECTION ~~106.6.107.5.1~~ "COST RECOVERY FEES" SHALL BE ADDED AS FOLLOWS:

Section ~~106.6.107.5.1~~ Cost Recovery Fees. Fire service fees may be charged to any person, firm, corporation or business that through negligence, violation of the law, or as a result of carelessness, is responsible for the cause of the district to respond to the scene of an incident. A district board may charge a fee to cover the cost of any service which the district provides or the cost of enforcing any regulation for which the fee is charged (Health & Safety Code 13916). The fee shall not exceed the actual cost of suppressing the fire and/or responding to the scene of an incident.

SECTION ~~107.6.7~~ "ADMINISTRATIVE COSTS" SHALL BE ADDED AS FOLLOWS:

Section ~~107.6.7~~ Administrative Costs. When a test or inspection is scheduled, and the contractor fails to perform to the satisfaction of the authority having jurisdiction (AHJ), the AHJ may bill the contractor for actual time spent traveling to and from the test/inspection location and the time spent at the test/inspection site as well as administrative costs.

SECTION ~~109.4.111.5~~ "APPEAL PROCEDURES AND TIMELINES" SHALL BE ADDED AS FOLLOWS:

Section ~~109.4.111.5~~ Appeal Procedures and Timelines. Any person or entity who believes they may be adversely affected by an order, decision, or determination made by the fire code official through a written notice may appeal this matter within 15 calendar days of the postmark on the notice. All such appeals shall be filed in writing with the Secretary of the Governing Board for the district. A timely appeal shall stay further action by the fire code official until the matter is determined by the Appeal Board as outlined in Section 109.2, unless the issue poses an imminent fire or life safety hazard to members of the public. The fire code official shall notify the appellant by certified mail of the date and time of such hearing. The hearing shall be scheduled to take place no sooner than 20 calendar days from the date shown on the certified

mail. The appellant shall have the right to appear in person or by agent at the hearing and present oral, written and/or photographic evidence to the Appeal Board.

SECTION 1129.4 "VIOLATION PENALTIES" SHALL BE AMENDED AS FOLLOWS:

Section 1129.4 Violation Penalties. Persons who shall violate a provision of this code or shall fail to comply with any of the requirements thereof or who shall erect, install, alter, repair or do work in violation of the approved construction documents or directive of the fire code official, or of a permit or certificate used under provisions of this code, shall be guilty of a *misdemeanor or infraction, at the discretion of the prosecuting attorney or agency*, punishable by a fine not more than \$100.00 for a first violation; A fine not exceeding \$500.00 for a second violation of the same provision within one year; A fine not exceeding \$1000.00 for each additional violation of the same provision within one year, or by imprisonment not exceeding 180 days, or both such fine and imprisonment. Each day that a violation continues after due notice has been served shall be deemed a separate offense. (*Health & Safety Code Sections 13145 and 17995*).

SECTION 1129.4.2 "CITATIONS" SHALL BE ADDED AS FOLLOWS:

Section 1129.4.2 Citations. *The Fire Chief, or his/her duly authorized representative, may issue citations for infractions or misdemeanor violations of this code pursuant to Section 13871 of the Health & Safety Code of the State of California and Chapter 5c (commencing with Section 853.6) of Title 3 of Part 2 of the Penal Code of the State of California.*

SECTION 1132.4 "FAILURE TO COMPLY" SHALL BE AMENDED AS FOLLOWS:

Section 1132.4 Failure to Comply. Any person who shall continue any work after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be *punishable by a fine or imprisonment or both as described in Section 1129.4 (Health & Safety Code Sections 13145 and 17995)*.

Chapter 2

SECTION 202 "CAMPFIRE" SHALL BE ADDED AS FOLLOWS:

CAMPFIRE. ~~*Shall mean a fire which is used for cooking, personal warmth, lighting, or aesthetic purposes. This includes fires contained within outdoor fireplaces and enclosed stoves with flues or chimneys, stoves using jellied, liquid, or solid fuels, portable barbecue pits, braziers, or space heating devices which are used outside of any structure, mobile home, or any living accommodation mounted on a vehicle. A fire which is used for cooking, personal warmth, lighting, or aesthetic purposes.*~~

SECTION 202 "DISTRICT" SHALL BE ADDED AS FOLLOWS:

DISTRICT. *The district and all other areas within the exterior boundaries thereof now or hereafter established.*

SECTION 202 "DRIVEWAY" SHALL BE ADDED AS FOLLOWS:

DRIVEWAY. A vehicular access that serves up to two (2) parcels with no more than two (2) residential units and any number of non-commercial or industrial buildings on each parcel.

SECTION 202 "EXECUTIVE BODY" SHALL BE ADDED AS FOLLOWS:

EXECUTIVE BODY. The Board of Directors of the District.

SECTION 202 "FIRE CHIEF" SHALL BE ADDED AS FOLLOWS:

FIRE CHIEF. The Chief Executive Fire Officer of the Fire department/district serving the jurisdiction or a duly authorized representative.

SECTION 202 "FIRE HAZARD" SHALL BE ADDED AS FOLLOWS:

FIRE HAZARD. Any condition, arrangement, or act which will increase, or may cause an increase of, the hazard or menace of fire to a greater than customarily recognized as normal by persons in the public service of preventing, suppressing or extinguishing fire; or which may obstruct, delay, or hinder, or may become the cause of obstruction, delay or hinderance to the prevention, suppression, or extinguishment of fire.

SECTION 202 "OPEN BURNING" SHALL BE AMENDED AS FOLLOWS:

OPEN BURNING. The burning of materials wherein products of combustion are emitted directly into the ambient air without passing through a stack or chimney from an enclosed chamber. Open burning does not include road flares, smudge-pots and similar devices associated with safety or occupational uses typically considered open flames, recreational fires, or use of portable outdoor fireplaces. For the purpose of this definition, a chamber shall be regarded as enclosed when, during the time combustion occurs, only apertures, ducts, stacks, flues or chimneys necessary to provide combustion air and permit the escape of exhaust gas are open.

Open burning shall also include campfires, bonfires, portable outdoor fireplaces, ceremonial fires, and recreational fire as defined in the Fire Code.

Exception:

1. UL or ASMI listed LPG or natural gas outdoor flame devices, such as gas BBQ's or gas fire pits that comply with the Fire Code.
2. Campfires on private lands. Where required by the fire code official, a permit is shall be issued by the fire code official.
3. Ceremonial and/or religious burning with the following safety measures:
 - a. Maximum 4-foot x 4-foot burn area.
 - b. Minimum 10-foot clearance from edge of burn area to all flammable material and vegetation.
 - c. An approved water supply is located within 500-feet of the burn area.
 - d. The burn area is located no less than 30-feet from adjoining property lines.
 - e. An adult is present with a shovel until the fire is extinguished.

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f. No burning shall be conducted during high or extreme fire weather conditions (e.g., National Weather Service Red Flag Warnings).

SECTION 202 "TRAINED CROWD MANAGER" SHALL BE ADDED AS FOLLOWS:

TRAINED CROWD MANAGER. *Standby personnel, usually a security guard or usher personnel, who are trained in the proper procedure to exit people from a tent or other place of public assemblage in an orderly and calm fashion in the event of an emergency*

Chapter 3

SECTION 302.1 "DEFINITIONS" SHALL BE AMENDED AS FOLLOWS:

3D PRINTER.
ADDITIVE MANUFACTURING.
BONFIRE.
CAMPFIRE.
HI-BOY.
HIGH-VOLTAGE TRANSMISSION LINE.
OPEN BURNING.
PORTABLE OUTDOOR FIREPLACE.
POWERED INDUSTRIAL TRUCK.
RECREATIONAL FIRE.
SKY LATTERN.

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SECTION 307.4.4 "OPEN BURNING ~~CAMPFIRE~~-RESTRICTIONS" SHALL BE ADDED AS FOLLOWS:

Section 307.4.4 Open Burning- Restrictions. Open burning on all lands within the jurisdiction of the El Dorado Hills Fire Department (EDHFD), including the Local Response Area (LRA), is prohibited when the California Department of Forestry and Fire Protection (Cal Fire) issues a burn suspension in the State Responsibility Area (SRA). This prohibition shall be made effective 24-hours following its commencement in the SRA.

Open burning is also prohibited on all lands within the jurisdiction of EDHFD at any time the fire code official that atmospheric conditions or other local circumstances make such fires hazardous, including factors such as high winds, low fuel moisture, fire weather, the issuance of red flag warnings, severe threat of wildland fire, or present risk of destruction by wildfire to life, wildlife, property, or natural resources.

~~**307.4.4.1** It is unlawful for any person to light, maintain, or use a campfire upon or near any brush-covered land, grass-covered land, or forest-covered land during the time when burning permits are suspended by the Director of the Department of Forestry and Fire Protection, the CAL FIRE Unit Chief, or the AHJ.~~

~~**Exception:** Commercial cooking operations with approval of the AHJ.~~

~~**307.4.4.2** When campfires are allowed, it should be unlawful for any person to light, maintain, or use a campfire upon any brush-covered land, grass-covered land, or forest-covered land unless the following minimum requirements are complied with.~~

~~[307.4.4.2 \(a\)](#) The area within 5 feet of the periphery of the campfire is cleared of all flammable material and vegetation.~~

~~[307.4.4.2 \(b\)](#) One serviceable shovel with a handle of at least 12 inches is ready for use at the immediate area of the campfire.~~

~~[307.4.4.2 \(c\)](#) Campfires shall be limited to a 1 foot by 1 foot area, unless in an approved manufactured cooking device or fire ring.~~

~~[307.4.4.2 \(d\)](#) Written permission of the landowner must be obtained prior to the ignition of the campfire and shall be on site.~~

[Chapter 4](#)

[SECTION 401.2.1 "PRE-FIRE PLANS" IS ADDED AS FOLLOWS:](#)

[Section 401.2.1 Pre-fire plans.](#) Where required by the fire code official, a pre-fire plan shall be provided and approved by the fire code official for all new commercial structures.

Chapter 5

SECTION 503.2.1 "DIMENSIONS" SHALL BE AMENDED AS FOLLOWS:

Section 503.2.1 Dimensions. Fire apparatus access roads shall have an unobstructed width of not less than 20 feet (6096 mm), exclusive of shoulders, *as measured from face of curb to face of curb*, except for approved security gates in accordance with Section 503.6, and an unobstructed vertical clearance of not less than 15 feet. ~~All Driveways in the district shall not behave an unobstructed width of not less than 12 feet wide.~~

SECTION 503.2.5 "DEAD ENDS" SHALL BE AMENDED AS FOLLOWS:

Section 503.2.5 Dead Ends. Dead-end fire apparatus access roads *and driveways* in excess of 150 feet (45,720 mm) in length shall be provided with an approved area for turning around fire apparatus.

SECTION 503.2.6 "BRIDGES AND ELEVATED SURFACES" SHALL BE AMENDED AS FOLLOWS:

Section 503.2.6 Bridges and Elevated Surfaces. Where a bridge or an elevated surface is part of a fire apparatus access road, the bridge shall be constructed and maintained in accordance with [AASHTO HB-17](#), the current *El Dorado County Transportation Division Bridge Standard or Appendix D of the current California Fire Code, whichever is more restrictive*. Bridges and elevated surfaces shall be designed for a live load sufficient to carry the imposed loads of fire apparatus. Vehicle load limits shall be posted at both entrances to bridges when required by the fire code official. Where elevated surfaces designed for emergency vehicle use are adjacent to surfaces that are not designed for such use, approved barriers, approved signs or both shall be installed and maintained where required by the fire code official.

SECTION 503.~~3.14.2~~ "NO PARKING IN FIRE LANES" SHALL BE ADDED AS FOLLOWS:

Section 503.3.14.2 No Parking In Fire Lanes. No person shall stop, park, or leave standing any vehicle, whether attended or unattended, except when necessary to avoid conflict with other traffic or in compliance with the directions of the Fire Chief, or his/her duly authorized representative, Peace Officer or official traffic control device along the edge of any highway, at any curb, or in any location in a publicly or privately owned or operated off-street parking facility, designated as a fire lane by the district with jurisdiction over the area in which the place is located. The designation shall be indicated (1) by a sign posted immediately adjacent to, and visible from, the designated place clearly stating in letters not less than one inch in height that the place is a fire lane, (2) by outlining or painting the place in red and, in contrasting color, marking the place with the words "FIRE LANE", which are clearly visible from a vehicle, or (3) by a red curb or red paint on the edge of the roadway upon which is clearly marked the words "FIRE LANE".

SECTION 503.3.24.3 "NO PARKING IN FRONT OF HYDRANTS" SHALL BE ADDED AS FOLLOWS:

Section 503.3.24.3 No Parking in Front of Hydrants. No person shall stop, park, or leave standing any vehicle within 15 feet of a fire hydrant except as follows: (a) If the vehicle is attended by a licensed driver who is seated in the front seat and who can immediately move such vehicle in case of necessity, (b) If the vehicle is owned or operated by a fire department and is clearly marked as a fire department vehicle.

SECTION 503.3.34.4 "FIRE LANES BASED ON ROAD WIDTH" SHALL BE ADDED AS FOLLOWS:

Section 503.3.34.4 Fire Lanes Based on Road Width. Fire lanes shall be based on road width as required in Appendix D as amended by the District.

~~SECTION 503.5.3 "FIRE APPARATUS ACCESS GATES" SHALL BE ADDED AS FOLLOWS:~~

~~All automatic and manual gates installed over fire apparatus access roads shall comply with the district gate standard as approved by the fire code official.~~

SECTION 503.6 "SECURITY GATES" IS AMENDED AS FOLLOWS:

Section 503.6 Security Gates. The installation of security gates across a fire apparatus access road shall be approved by the fire code official and shall comply with the District gate standard. Where security gates are installed, they shall have an approved means of emergency operation. The security gates and the emergency operation shall be maintained operational at all times. Electric gate operators, where provided, shall be listed in accordance with UL 325. Gates intended for automatic operation shall be designed, constructed, and installed to comply with the requirements of ASTM F2200.

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SECTION 505.1 "ADDRESS IDENTIFICATION" SHALL ~~BE HAVE THE FIRST LINE OF THIS PARAGRAPH~~ AMENDED AS FOLLOWS:

Section 505.1 Address Identification. Addresses for new and existing buildings shall comply with the District address standard as approved by the fire code official. ~~New and existing buildings shall be provided with approved address identification.~~ The address identification shall

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be legible and placed in a position that is visible from the street or road fronting the property. Address identification characters shall contrast with their background. Address numbers shall be Arabic numbers or alphabetical letters. Numbers shall not be spelled out. Each character shall be not less than 4 inches (102 mm) high with a minimum stroke width of 1/2 inch (12.7 mm). Where required by the fire code official, address identification shall be provided in additional approved locations to facilitate emergency response. access is by means of a private road and the building cannot be viewed from the public way, a monument, pole or other sign or means shall be used to identify the structure. Address identification shall be maintained.

SECTION 507.5.1 "WHERE REQUIRED" SHALL BE AMENDED AS FOLLOWS:

Section 507.5.1 Where Required. ~~400 feet shall be amended to 150 feet.~~ Where a portion of the facility or building hereafter constructed or moved into or within the jurisdiction is more than 150 ~~400 feet (122 mm)~~ from a hydrant on a fire apparatus access road, as measured by an approved route around the exterior of the facility or building, on-site fire hydrants and mains capable of supplying the required fire flow shall be provided where required by the fire code official.

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Exceptions:

1. For Group R-3 and Group U occupancies, the distance requirement shall be 600 feet (183 m).
2. ~~For buildings equipped throughout with an approved automatic sprinkler system installed in accordance with Section 903.3.1.1, 903.3.1.2, or 903.3.1.3, the distance requirement shall be not more than 600 feet (183 m).~~

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SECTION 509.3 "FIRE CONTROL ROOM" SHALL BE ADDED AS FOLLOWS:

Section 509.3 Fire Control Room. *Fire sprinkler risers, fire alarm control panels, solar photovoltaic power system rapid shutoff switches, and other fire detection, suppression or similar control elements shall be located inside a single fire control room for the building. The fire control room shall have minimum dimensions of five feet by seven feet in size with a total usable area of not less than 35 square feet. The room shall be located within the building on an outside wall at a location approved by the Fire Code Official and shall be accessible from the exterior. An exterior access door with a clear width of not less than 32 inches and height of not less than 80 inches shall be provided for access into the room. A durable sign shall be affixed to the exterior of the door with the words "FIRE CONTROL ROOM" in letters not less than 4 inches in height. A key box complying with Section 506 shall be installed on the exterior side of the fire control room door opening.*

The room must be capable of maintaining a minimum temperature of 40 degrees Fahrenheit. A clearance of 12 inches shall be provided from the fire sprinkler risers to any adjacent walls. This room can be a shared with other building utilities or fire protection equipment that is not incompatible. An approved cabinet or container shall be provided to store record plans of the fire sprinkler system and other fire protection equipment. This room shall not be used for any other storage.

Exception: *One-and two-family dwellings, manufactured homes or similar uses defined as either a Group R-3, R3.1, or R-4 occupancy.*

SECTION 510.4.2.3 "STANDBY POWER" SHALL BE AMENDED AS FOLLOWS:

Section 510.4.2.3 Standby power. In-building, two-way emergency responder communication radio coverage systems shall be provided with dedicated standby batteries or provided with 2-hour standby batteries and connected to the facility generator power system in accordance with Section 1203. The standby power supply shall be capable of operating the in-building, two-way emergency responder communication coverage system at 100-percent system capacity for a duration of not less than ~~4~~72 hours.

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Chapter 9

SECTION 903.2 "WHERE REQUIRED" SHALL BE AMENDED AS FOLLOWS:

Section 903.2 Where Required. ~~An a~~Approved automatic sprinkler systems ~~shall be required and installed in new buildings and structures 3600 square feet or greater when constructed or relocated within the jurisdiction~~ shall be provided in the locations ~~as~~ described in Sections 903.2.1 through 903.2.12 and Sections 903.2.14 through 903.2.2423.

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Exception: Agricultural buildings not under a special use permit used for commercial purposes.

SECTION 903.2.1 GROUP A SHALL BE AMENDED AS FOLLOWS FOR A GROUPS A-1 THROUGH A-4: ~~903.2.1.1 (1) The fire area exceeds 3,600 square feet.~~

SECTION 903.2.1.1 "GROUP A-1" SHALL BE AMENDED AS FOLLOWS:

Section 903.2.1.1 Group A. An automatic sprinkler system shall be provided throughout stories containing Group A-1 occupancies and throughout all stories from the Group A-1 occupancy to and including the levels of exit discharge serving that occupancy where one of the following conditions exists:

1. The fire area exceeds ~~12,000~~ 3,600 square feet (~~1115~~ m²).
2. The fire area has an occupant load of 300 or more.
3. The fire area is located on a floor other than a level of exit discharge serving such occupancies.
4. The fire area contains a multi-theater complex

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SECTION 903.2.1.2 "GROUP A-2" SHALL BE AMENDED AS FOLLOWS:

Section 903.2.1.2 Group A-2. An automatic sprinkler system shall be provided throughout stories containing Group A-2 occupancies and throughout all stories from the Group A-2 occupancy to and including the levels of exit discharge serving that occupancy where one of the following conditions exists:

1. The fire area exceeds ~~5,000~~ 3,600 square feet (~~464~~ m²).
2. The fire area has an occupant load of 100 or more.
3. The fire area is located on a floor other than a level of exit discharge serving such occupancies.

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4. The structure exceeds ~~5,000~~ 3,600 square feet (~~464 m²~~), contains more than one fire area containing a Group A-2 occupancy, and is separated into two or more buildings by fire walls of less than 4-hour fire-resistance rating without openings.

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SECTION 903.2.1.3 "GROUP A-3" SHALL BE AMENDED AS FOLLOWS:

Section 903.2.1.3 Group A-3. An automatic sprinkler system shall be provided throughout stories containing Group A-3 occupancies and throughout all stories from the Group A-3 occupancy to and including the levels of exit discharge serving that occupancy where one of the following conditions exists:

1. The fire area exceeds ~~12,000~~ 3,600 square feet (~~1115 m²~~).
2. The fire area has an occupant load of 300 or more.
3. The fire area is located on a floor other than a level of exit discharge serving such occupancies.
4. The structure exceeds ~~12,000~~ 3,600 square feet (~~1115 m²~~), contains more than one fire area containing exhibition and display rooms, and is separated into two or more buildings by fire walls of less than 4-hour fire-resistance rating without openings.

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SECTION 903.2.1.4 "GROUP A-4" SHALL BE AMENDED AS FOLLOWS:

Section 903.2.1.4 Group A-4. An automatic sprinkler system shall be provided throughout stories containing Group A-4 occupancies and throughout all stories from the Group A-4 occupancy to and including the levels of exit discharge serving that occupancy where one of the following conditions exists:

1. The fire area exceeds ~~12,000~~ 3,600 square feet (~~1115 m²~~).
2. The fire area has an occupant load of 300 or more.
3. The fire area is located on a floor other than a level of exit discharge serving such occupancies.

~~SECTION 903.2.3 GROUP E SHALL BE AMENDED AS FOLLOWS: 903.2.3 (1) THROUGHOUT ALL GROUP E fire areas greater than 3,600 square feet in area.~~

SECTION 903.2.3 "GROUP E" SHALL BE AMENDED AS FOLLOWS:

Section 903.2.3 Group E. An automatic sprinkler system shall be provided for Group E occupancies as follows:

1. Throughout all Group E fire areas greater than ~~12,000~~ 3,600 square feet (~~1115 m²~~) in area.
2. The Group E fire area is located on a floor other than a level of exit discharge serving such occupancies.

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Exception: In buildings where every classroom has not fewer than one exterior exit door at ground level, an automatic sprinkler system is not required in any area below the lowest level of exit discharge serving that area.

3. The Group E fire area has an occupant load of 300 or more.

Section 903.2.5.2 Manufactured Homes. An automatic fire sprinkler system shall be required in all new manufactured homes and multi-family manufactured homes intended for use as a one-and two-family dwelling. The design and installation of such systems shall be in accordance with California Code of Regulations, Title 25, §4300.

Exceptions:

- 1. Manufactured homes located within an existing mobile home park complying with California Health and Safety Code, Division 13, Part 2.1 or 2.3.
- 2. Manufactured homes that do not exceed 1,200 square feet in size and serve as an accessory dwelling unit, as defined in Government Code Section 658502; when the existing primary residence on the property is not required to comply with California Residential Code Section R313.2.
- 3. Manufactured homes that do not exceed 320 square feet in size.

~~Section 903.2.9 Group S-1 shall be amended as follows: 903.2.9 Group S- 903.2.9 (1) A Group S fire area exceeds 3,600 square feet.~~

SECTION 903.2.9 "GROUP S-1" SHALL BE AMENDED AS FOLLOWS:

Section 903.2.9 Group S-1. An automatic sprinkler system shall be provided throughout all buildings containing a Group S-1 occupancy where one of the following conditions exists:

- 1. A Group S-1 fire area exceeds ~~12,000~~ 3,600 square feet ~~(1115 m²)~~.
- 2. A Group S-1 fire area is located more than three stories above grade plane.
- 3. The combined area of all Group S-1 fire areas on all floors, including any mezzanines, exceeds ~~24,000~~ 3,600 square feet ~~(2430 m²)~~.
- 4. A Group S-1 fire area used for the storage of commercial motor vehicles where the fire area exceeds ~~5,000~~ 3,600 square feet ~~(464 m²)~~.

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~~Section 903.2.10 Group S-2 Enclosed Parking Garages shall be amended as follows: 903.2.10 (1) Where the fire area of the enclosed parking garage exceeds 3,600 square feet.~~

SECTION 903.2.10 "GROUP S-2" SHALL BE AMENDED AS FOLLOWS:

Section 903.2.10 Group S-2. An automatic sprinkler system shall be provided throughout buildings classified as parking garages where any of the following conditions exist:

- 1. Where the fire area of the enclosed parking garage, in accordance with Section 406.6 of the California Building Code, exceeds ~~12,000~~ 3,600 square feet ~~(1115 m²)~~.
- 2. Where the enclosed parking garage, in accordance with Section 406.6 of the California Building Code, is located beneath other groups.

Exception: Enclosed parking garages located beneath Group R-3 occupancies.

- 3. Where the fire area of the open parking garage, in accordance with Section 406.5 of the California Building Code, exceeds ~~48,000~~ 3,600 square feet ~~(4460 m²)~~.

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SECTION 903.2.10.1 "COMMERCIAL PARKING GARAGES" SHALL BE AMENDED AS FOLLOWS:

Section 903.2.10.1 Commercial Parking Garages. An automatic sprinkler system shall be provided throughout buildings used for storage of commercial motor vehicles where the fire area exceeds ~~5,000~~ 3,600 square feet (464 m²).

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SECTION 903.2.22 "GROUP B" SHALL BE ADDED AS FOLLOWS:

Section 903.2.22 Group B. An automatic sprinkler system shall be provided throughout all buildings containing Group B occupancies where the fire area exceeds 3,600 square feet.

SECTION 903.2.23 "GROUP F-2" SHALL BE ADDED AS FOLLOWS:

Section 903.2.23 Group F-2. An automatic sprinkler system shall be provided throughout all buildings containing Group F-2 occupancies where the fire area exceeds 3,600 square feet.

SECTION 903.6 "WHERE REQUIRED IN EXISTING BUILDINGS AND STRUCTURES" IS AMENDED AS FOLLOWS:

Section 903.6 Where Required In Existing Buildings and Structures. An automatic sprinkler system shall be provided in existing buildings and structures where required in Chapter 11 and as follows:

1. When there is a change in occupancy classification that results in an increased life safety or fire risk, as determined by the fire code official, and the structure exceeds 3,600 square feet, an automatic fire sprinkler system shall be installed throughout the building.
2. ~~In existing buildings 3,600 square feet or greater, other than one and two-family dwelling units, and agricultural buildings not under special use permit for commercial purposes, where the floor area of the building or structure is increased by an addition of more than thirty percent (30%) or 1,000 square feet whichever is less, such building or structure shall be made to conform to Section 903.2.~~

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Exception: When the building increase is less than 500 square feet.

3. ~~In existing buildings 3,600 square feet or less, other than one-and two-family dwelling units, and agricultural buildings not under special use permit for commercial purposes, where the floor area of the building or structure is increased to a total square footage over 3,600 square feet, by an addition of more than thirty percent (30%) or 1,000 square feet, whichever is less, such building or structure shall be made to conform to Section 903.2.~~

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Exception: When the building increase is less than 500 square feet.

SECTION 903.2A WHERE REQUIRED SHALL BE ADDED AS FOLLOWS:

~~Status of existing buildings greater than 3,600 square feet. In existing buildings 3,600 square feet or greater, other than one and two-family dwelling units, and agricultural buildings not under special use permit for commercial purposes, where the floor area of the building or structure is increased by an addition of more than thirty percent (30%) or 1,000 square feet whichever is less, such building or structure shall be made to conform to Section 903.2.~~

SECTION 907.2.A "WHERE REQUIRED – NEW BUILDINGS AND OR STRUCTURES" LESS THAN 3,600 SQUARE FEET SHALL BE ADDED-AMENDED AS FOLLOWS:

Section 907.2.a Where Required – New Buildings ~~and~~ Structures. An approved fire alarm system installed in accordance with the provisions of this code and NFPA 72 shall be provided in new buildings and structures in accordance with Sections 907.2.1 through 907.2.2930 and provide occupant notification in accordance with Section 907.5, unless other requirements are provided by another section of this code.

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Not fewer than one manual fire alarm box shall be provided in an approved location to initiate a fire alarm signal for fire alarm systems employing automatic fire detectors or waterflow detection devices. Where other sections of this code allow elimination of fire alarm boxes due to sprinklers or automatic fire alarm systems, a single fire alarm box shall be installed at a location approved by the enforcing agency.

Exceptions:

1. The manual fire alarm box is not required for fire alarm control units systems dedicated to elevator recall control, supervisory service and fire sprinkler monitoring.
2. The manual fire alarm box is not required for Group R-2 occupancies unless required by the fire code official to provide a means for fire watch personnel to initiate an alarm during a sprinkler system, impairment event. Where provided, the manual fire alarm box shall not be located in an area that is open to the public.
3. The manual fire alarm box is not required to be installed when approved by the fire code official.
4. *A fire alarm system is not required in one and two-family dwellings, agricultural buildings, and other occupancies classified as Group U not under special use permit and/or not used for commercial purposes (e.g. retail sales, food service, and/or special events).*
5. *Buildings with a floor area less than 500 square feet may be exempt, as determined by the fire code official based on building construction material and features, location, occupancy type, and distance to exposures.*

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~~An approved fire alarm/detection system shall be installed in all buildings with a floor area less than 3,600 square feet.~~

Exceptions:

- ~~1. One and two family dwellings (R-3 Occupancies and other occupancies classified as "U").~~
 - ~~5. Agricultural buildings not under special use permit and/or not used for commercial purposes (e.g., retails sales, food service, and/or special events). Buildings with a floor area less than 500 square feet may be exempt, as determined by the Fire Chief, or his/her duly authorized representative, based on building construction material and features, location, occupancy type, and distance to exposures.~~
- ~~SECTION 907.2.1.4 "GROUP A UNDER 3,600 SQUARE FEET" SHALL BE ADDED AS FOLLOWS:~~

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Section 907.2.1.4 Group A Under 3,600 Square Feet. An approved fire alarm system shall be installed in all group A buildings with a floor area less than 3,600 square feet.

SECTION 907.2.2.3 "GROUP B UNDER 3,600 SQUARE FEET" SHALL BE ADDED AS FOLLOWS:

Section 907.2.2.3 Group B Under 3,600 Square Feet. An approved fire alarm system shall be installed in all group B buildings with a floor area less than 3,600 square feet.

SECTION 907.2.3.11 "GROUP E UNDER 3,600 SQUARE FEET" SHALL BE ADDED AS FOLLOWS:

Section 907.2.3.11 Group E Under 3,600 Square Feet. An approved fire alarm system shall be installed in all group E buildings with a floor area less than 3,600 square feet.

SECTION 907.2.4.1 "GROUP F UNDER 3,600 SQUARE FEET" SHALL BE ADDED AS FOLLOWS:

Section 907.2.4.1 Group F Under 3,600 Square Feet. An approved fire alarm system shall be installed in all group F buildings with a floor area less than 3,600 square feet.

SECTION 907.2.5.2 "GROUP H UNDER 3,600 SQUARE FEET" SHALL BE ADDED AS FOLLOWS:

Section 907.2.5.2 Group H Under 3,600 Square Feet. An approved fire alarm system shall be installed in all group H buildings with a floor area less than 3,600 square feet.

SECTION 907.2.6.6 "GROUP I UNDER 3,600 SQUARE FEET" SHALL BE ADDED AS FOLLOWS:

Section 907.2.6.6 Group I Under 3,600 Square Feet. An approved fire alarm system shall be installed in all group I buildings with a floor area less than 3,600 square feet.

SECTION 907.2.7.2 "GROUP M UNDER 3,600 SQUARE FEET" SHALL BE ADDED AS FOLLOWS:

Section 907.2.7.2 Group M Under 3,600 Square Feet. An approved fire alarm system shall be installed in all group M buildings with a floor area less than 3,600 square feet.

SECTION 907.2.8.4 "GROUP R-1 UNDER 3,600 SQUARE FEET" SHALL BE ADDED AS FOLLOWS:

Section 907.2.8.4 Group R-1 Under 3,600 Square Feet. An approved fire alarm system shall be installed in all group R-1 buildings with a floor area less than 3,600 square feet.

SECTION 907.2.9.4 "GROUP R-2, R-2.1, R-2.2 UNDER 3,600 SQUARE FEET" SHALL BE ADDED AS FOLLOWS:

Section 907.2.9.4 Group R-2, R-2.1, R-2.2 Under 3,600 Square Feet. An approved fire alarm system shall be installed in all group R-2, R-2.1, R-2.2 buildings with a floor area less than 3,600 square feet.

SECTION 907.2.10.1 "GROUP S UNDER 3,600 SQUARE FEET" SHALL BE ADDED AS FOLLOWS:

Section 907.2.10.1 Group S Under 3,600 Square Feet. An approved fire alarm system shall be installed in all group S buildings with a floor area less than 3,600 square feet.

907.2.30D "TYPE I HOOD INSTALLATIONS" SHALL BE ADDED AS FOLLOWS:

907.2.30d "Type I Hood Installations. *The requirement of installation, or replacement, of a Type I Hood System shall require a fire alarm/sprinkler monitoring system to be installed, or for the hood system to be connected to an existing fire alarm/sprinkler monitoring system for that building.*

907.6.52-C "MONITORING" SHALL BE AMENDED ADDED AS FOLLOWS:

907.6.52-c Monitoring. Fire alarm systems required by this chapter or by the California Building Code shall be monitored by an~~All fire alarm/detection systems shall be connected directly through and monitored by a U.L.~~ approved, UL certified, Type A Full Service central, proprietary or remote station service, which gives audible and visual signals at a constantly attended location. All sprinklered buildings shall be monitored.

Exceptions:

1. One- and two-family dwellings (R-3 Occupancies and other occupancies classified as "U").
2. Agricultural buildings not under special use permit and/or not used for commercial purposes (e.g., retails sales, food service, and/or special events).

SECTION 907.6.2.1 "SECONDARY POWER SUPPLY" SHALL BE ADDED AS FOLLOWS:

SECTION 907.6.2.1 SECONDARY POWER SUPPLY. ~~In-Where required by the fire code official, in~~ accordance with NFPA 72, the secondary power supply providing a minimum 24-hour power capacity under quiescent load (system operating in a non-alarm condition) shall be amended to a minimum 72-hour power capacity.

Exception: *The existence of an emergency back-up power supply that meets or exceed the requirements of California Fire Code Chapter 12.*

~~SECTION 907.92-B STATUS OF~~ "WHERE REQUIRED IN EXISTING BUILDINGS" SHALL BE ADDED-AMENDED AS FOLLOWS:

SECTION 907.9 Where Required. An approved fire alarm system shall be provided in existing buildings and structures where required in Chapter 11 and ~~in~~ existing buildings with a floor area less than 3,600 square feet without an approved automatic sprinkler system, other than one- or two-family dwelling units, agricultural building not under special use permit for commercial purposes where a fire alarm detection system does not exist and the floor area of the building or structure is increased ~~or modified by more than thirty percent (30%) or 1,000 square feet, whichever is less, such building or structure shall be made to conform to Section 907 when required by the Fire Chief, or his/her duly authorized representative. Buildings with a floor area less than 500 square feet may be exempt, as determined by the Fire Chief, or his/her duly authorized representative, based on building construction materials and features, location, occupancy type, and distance to exposures.~~

Exception: When the building increase is less than 500 square feet.

Chapter 12

SECTION 1203.1.3 "INSTALLATION" SHALL BE AMENDED AS FOLLOWS:

Section 1203.1.3 Installation. Emergency power systems and standby power systems shall be installed in accordance with the California Building Code, the California Electrical Code, NFPA 110 and NFPA 111. *All buildings, other than one- and two-family dwelling units, and agricultural buildings not used for commercial purposes, with standby power, shall have a shunt trip device that disconnects all power sources to the building, approved by the fire code official. Existing installations shall be maintained in accordance with the original approval.*

Chapter 33

SECTION 331~~10~~.3 "PREMISE IDENTIFICATION" SHALL BE ADDED AS FOLLOWS:

Section 331~~10~~.3 Premise Identification *Prior to and during construction, an approved address sign shall be provided at each fire and emergency vehicle access road entry into the project.*

~~**3312.1 When Required** shall be amended as follows: *Prior to combustible materials arriving on-site, the fire hydrant water system shall be installed and maintained in continuous operation. The amount of water supplied shall meet the required fire flow for the project.*~~

SECTION 331~~32~~.1 "WHEN REQUIRED" SHALL BE AMENDED AS FOLLOWS:

Section 331~~32~~.1 When Required. An approved water supply for fire protection, either temporary or permanent, shall be installed and maintained in continuous operation as soon as combustible building materials arrive on site, the commencement of vertical combustible construction and on installation of a standpipe system in buildings under construction, in accordance with Sections 3313.2 through 3313.5.

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Exception: The fire code official is authorized to reduce the fire-flow requirements for isolated buildings or a group of buildings in rural areas or small communities where the development of full fire-flow requirements is impractical.

Chapter 49

Section 4903 Plans

~~**4903.1 Where Required** shall be added as follows: *The fire code official of the EDHCWD may require development projects located in Moderate, High and Very-High Fire Hazard Severity Zones to submit fire protection plan. This plan shall be approved by both the fire code official and the authorized representative for the local CAL FIRE Unit Chief (if located in the State Responsibility Area [SRA]) prior to the recording of the final map for the project by the County of El Dorado.*~~

Section 4905 Wildfire Protection Building Construction

~~**4905.4 Roof Construction Requirements** shall be added as follows: *All new construction, including additions, requires a Class A roof covering or assembly. All re-roofing requires Class A roof covering or assembly as a minimum. Re-roofing in excess of 50% of an existing structure within any one year period will necessitate that the entire roof be a Class A roof*~~

~~covering or assembly as a minimum. Class B or C fire retardant treated and or non-treated wood shake or shingles are not approved as a roof covering material for Class A assembly.~~

Chapter 50

SECTION 5001.7 "LIABILITY FOR DAMAGES" SHALL BE ADDED AS FOLLOWS:

Section 5001.7 Liability for Damages. Any damages or cost resulting from the negligence, violation of the law, careless handling, spill or discharge of any hazardous materials shall ~~constitute~~ constitute debt against any such person, firm or corporation causing such spill or discharge. This debt is collectible by the Fire Chief, or his/her duly authorized representative, in the same manner as in the case of an obligation under contract, expressed or implied.

Chapter 56

SECTION 5601.2 "PERMIT REQUIRED" SHALL BE AMENDED AS FOLLOWS:

Section 5601.2 Permit Required. Permits shall be required as set forth in Section 105.56 and regulated in accordance with this section. ~~Where explosives permits are required, they shall be issued by the Fire Chief, or his/her duly authorized representative, and the El Dorado County Sheriff's Department. Where fireworks permits are required, they shall be issued by the Fire Chief, or his/her duly authorized representative, and the El Dorado County Board of Supervisors.~~

~~5601.2.1 DOCUMENTATION SHALL BE ADDED AS FOLLOWS:~~

~~The AHJ shall have the authority to request documentation regarding all aspects of the fireworks presentation.~~

~~5601.2.2 PROPRIETARY INFORMATION SHALL BE ADDED AS FOLLOWS:~~

~~The AHJ will protect all proprietary information.~~

Chapter 57

SECTION 5704.2.9.6.1 "LOCATIONS WHERE ABOVE-GROUND TANKS ARE PROHIBITED" SHALL BE AMENDED AS FOLLOWS:

SECTION 5704.2.9.6.1 Locations Where Above-Ground Tanks are Prohibited. Storage of Class I and Class II flammable liquids in above-ground tanks outside of buildings is prohibited within the limits established by law as the limits of districts in which such storage is prohibited. ~~Storage of Class I and Class II flammable liquids in above-ground tanks outside of buildings is prohibited unless approved by the fire code official Fire Chief, or his/her duly authorized representative. When permitted by the Fire Chief, or his/her duly authorized representative, all above ground tank(s) or vault installations for the storage of Class I, II or III flammable and combustible liquids shall comply with those requirements as set forth by the California Fire Code. The California Fire Code shall also apply to installations other than motor vehicle fuel dispensing stations where above ground storage is required.~~

SECTION 5706.2.4.4 "LOCATIONS WHERE ABOVE-GROUND TANKS ARE PROHIBITED" SHALL BE AMENDED AS FOLLOWS:

SECTION 5706.2.4.4 Locations Where Above-Ground Tanks are Prohibited. The storage of Class I and Class II liquids in above-ground tanks is prohibited within the limits established by law as the limits of districts in which such storage is prohibited. *Storage of Class I and Class II liquids in above-ground tanks is prohibited unless approved by ~~the fire code official~~the Fire Chief, or his/her duly authorized representative. When permitted by the Fire Chief, or his/her duly authorized representative, all above-ground tank(s) or vault installations for the storage of Class I, II or III flammable and combustible liquids shall comply with those requirements as set forth by the California Fire Code. The California Fire Code shall also apply to installations other than motor vehicle fuel dispensing stations where above-ground storage is required.*

Chapter 58

SECTION 5806.2 "LIMITATIONS" SHALL BE AMENDED AS FOLLOWS:

SECTION 5806.2 Limitations. Storage of flammable cryogenic fluids in stationary containers outside of buildings is prohibited within the limits established by law as the limits of districts in which such storage is prohibited. *Storage of flammable cryogenic fluids in stationary containers outside of buildings is prohibited unless approved by the ~~fire code official~~Fire Chief, or his/her duly authorized representative. When permitted by the Fire Chief, or his/her duly authorized representative, all stationary containers for the storage of flammable cryogenic fluids shall comply with those requirements as set forth by the California Fire Code. The California Fire Code shall also apply to installations other than motor vehicle fuel dispensing stations where above-ground storage is required.*

Chapter 61

SECTION 6104.2 "MAXIMUM CAPACITY WITHIN ESTABLISHED LIMITS" SHALL BE AMENDED AS FOLLOWS:

SECTION 6104.2 Maximum Capacity within Established Limits. Within the limits established by law restricting the storage of liquefied petroleum gas for the protection of heavily populated or congested areas, the aggregate capacity of any one installation shall not exceed a water capacity of 2,000 gallons. *The storage of liquefied petroleum gas in excess of an aggregate of 2,000-gallon water capacity when located at least one-half (1/2) mile from property zoned or designated for residential use and at least one-half (1/2) mile from existing residential development with a density greater than one (1) dwelling unit per acre and at least one-half (1/2) mile from any hotel or motel is allowed when ~~AHJ~~approved by the fire code official, and a special/conditional use permit is issued by the County of El Dorado.*

Dispensing within established limits. Within the limits established by law restricting the ~~dispensing dispersion~~of liquefied petroleum gas for the protection of heavily populated or congested areas, the aggregate capacity of any one installation shall not exceed a water capacity of 2,000 gallons. The dispensing of liquefied petroleum gas in excess of an aggregate of 2,000-gallon water capacity when located at least one-half (1/2) mile from property zoned or designated for residential use ~~and at least one-half (1/2) mile from existing residential~~

~~development with a density greater than one (1) dwelling unit per acre and at least one-half (1/2) mile from any hotel or motel is allowed when AHJ approved by the fire code official and a special/conditional use permit is issued by the County of El Dorado.~~

SECTION 6113.1 PERMITS AND PLANS SHALL BE ADDED AS FOLLOWS:

~~Permits shall be required, and plans shall be submitted for all underground tank installations as approved by the AHJ.~~

SECTION 6113.2 UNDERGROUND LPG TANK OWNERSHIP SHALL BE ADDED AS FOLLOWS:

~~Underground LPG tanks shall be prohibited from being sold to end-users and shall be retained by the LPG company under a lease-type system to ensure proper annual maintenance requirements are met and recorded.~~

Chapter 80

SECTION 80, NFPA 1-22, CHAPTER 22 "AUTOMOTIVE WRECKING YARDS" IS ADOPTED, AMENDED SECTIONS AS FOLLOWS:

Revise Section 22.3 as follows:

~~22.3 Fire department access roads shall be in accordance with Section 18.2 the California Fire Code, Section 503 and Appendix D.~~

Add new Section 22.10 as follows:

~~22.10 Stored vehicles, boats, recreational vehicles, parts, and equipment shall not be stored within 30 feet of adjacent property lines.~~

SECTION 80, NFPA, 13D-~~16-22~~ – "STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS IN ONE-AND TWO FAMILY DWELLINGS AND MANUFACTURED HOMES" IS AMENDED AS FOLLOWS: 903.3.1.3, 903.3.5.1.1

NFPA 13D, Amended Sections as follows:

Add new Section 4.7-~~6 to read~~ as follows:

~~4.7-6 Residential fire sprinkler systems installed in all new one-and two-family dwellings shall utilize a "Passive Purge" system design unless otherwise approved by the fire code official.~~

Exception: Manufactured home installed, tested and approved by the California Department of Housing and Community Development.

Revise Section 5.1.1.2 ~~to read~~ as follows:

~~5.1.1.2 A supply of at least one of each type and temperature sprinkler used within the premises shall be maintained on the property at an approved location. Spare Steek sprinklers shall be kept in a mounted and accessible cabinet.~~

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Revise Section 7.6 ~~to read~~ as follows:

7.6 A local audio/visual device activated upon water flow ~~alarm~~ shall be provided on all fire sprinkler systems in homes at an approved location on the exterior of the dwelling.

Revise Section 11.2.1.1 ~~to read~~ as follows:

11.2.1.1 Where a fire department pumper connection is not provided, the system shall be hydrostatically tested at a *minimum pressure of 150 pounds per square inch gauge for no less than a 30-minute duration without evidence of leakage. Such test shall be witnessed by the fire code official.*

Appendix B – Fire Flow Requirements for Buildings

TABLE B105.1(1) “REQUIRED FIRE FLOW FOR ONE- AND TWO-FAMILY DWELLINGS, GROUP R-3, AND R-4 BUILDINGS AND TOWNHOUSES” SHALL BE AMENDED AS FOLLOWS:

TABLE B105.1(1) REQUIRED FIRE FLOW FOR ONE- AND TWO-FAMILY DWELLINGS, GROUP R-3, AND R-4 BUILDINGS AND TOWNHOUSES

FIRE-FLOW CALCULATION AREA (square feet)	AUTOMATIC SPRINKLER SYSTEM (Design Standard)	MINIMUM FIRE-FLOW (gallons per minute)	FLOW DURATION (hours)
0 – 3,600	No automatic sprinkler system	1,000	1
3,601 and greater	No automatic sprinkler system	Value in Table B105.1(2)	Duration in Table B105.1(2) at the required fire-flow rate
<u>MAJOR SUBDIVISIONS (5 PARCELS OR GREATER)</u>			
0 – 3,600	Section 903.3.1.3 of the CA Fire Code or Section 313.3 of the CA Residential Code	500 <u>1,000</u>	1/2 <u>1</u>
3,601 and greater	Section 903.3.1.3 of the CA Fire Code or Section 313.3 of the CA Residential Code	1/2 value of Table B105.1(2) <u>(min. 1000 GPM)</u>	4 <u>2</u>
<u>OTHER RESIDENTIAL DEVELOPMENT</u>			
0 – 3,600	Section 903.3.1.3 of the CA Fire Code or Section	500	1/2 <u>1</u>

	313.3 of the CA Residential Code		
3,601 and greater	Section 903.3.1.3 of the CA Fire Code or Section 313.3 of the CA Residential Code	1/2 value of Table B105.1(2) (<i>min.</i> <u>750 GPM</u>)	1

TABLE B105.2 "REQUIRED FIRE FLOW FOR BUILDINGS OTHER THAN ONE- AND TWO-FAMILY DWELLINGS, GROUP R-3, AND R-4 BUILDINGS AND TOWNHOUSES" SHALL BE AMENDED AS FOLLOWS:

TABLE B105.2 REQUIRED FIRE FLOW FOR BUILDINGS OTHER THAN ONE- AND TWO-FAMILY DWELLINGS, GROUP R-3, AND R-4 BUILDINGS AND TOWNHOUSES

AUTOMATIC SPRINKLER SYSTEM (Design Standard)	MINIMUM FIRE-FLOW (gallons per minute)	FLOW DURATION (hours)
No automatic sprinkler system	Value in Table B105.1(2)	Duration in Table B105.1(2)
Section 903.3.1.1 of the CA Fire Code	25% of the value in Table B105.1(2) ^b	Duration in Table B105.1(2) at the reduced flow rate
Section 903.3.1.2 of the CA Fire Code	25% 50% of the value in Table B105.1(2)	Duration in Table B105.1(2) at the reduced flow rate

- ~~a. The reduced fire flow shall not be less than 1,000 gpm~~
b. The reduced fire flow shall not be less than 1,500 gpm

Appendix D – Fire Apparatus Access Roads

SECTION D103.1 "ACCESS ROAD WIDTH WITH A HYDRANT" SHALL BE AMENDED AS FOLLOWS:

Section D103.1 Access Road Width with a Hydrant. Where a fire hydrant is located on a fire apparatus access road, the minimum road width shall be 26 feet (7925 mm), exclusive of shoulders (see Figure D103.1).

Exception: *Driveways*

SECTION D103.2 "GRADE" SHALL BE AMENDED AS FOLLOWS:

SECTION D103.2 Grade. Fire apparatus access roads *and driveways* shall not exceed ~~10~~15.9% in grade unless approved by the fire code official AHJ or by the *EI Dorado County amended California Public Resource Code Title 14 / Design and Improvement Standards Manual*.

SECTION D103.3 "TURNING RADIUS" SHALL BE AMENDED AS FOLLOWS:

SECTION D103.3 Turning Radius. The minimum turning radius shall be determined by the fire code official; *and shall not include curb and gutter.*

SECTION D103.5 "FIRE APPARATUS ACCESS ROAD GATES" SHALL BE AMENDED AS FOLLOWS:

SECTION D103.5 Fire Apparatus Access Road Gates. Gates securing the fire apparatus access roads shall comply with all of the following criteria:

1. Where a single gate is provided, the gate width shall be not less than 20 feet (6096 mm). Where a fire apparatus road consists of a divided roadway, the gate width shall be not less than ~~1542~~ feet (3658 mm).
2. Gates shall be of the horizontal swing, horizontal slide, vertical lift or vertical pivot type.
3. Construction of gates shall be of materials that allow manual operation by one person.
4. Gate components shall be maintained in an operative condition at all times and replaced or repaired when defective.
5. Electric gates shall be equipped with a means of opening the gate by fire department personnel for emergency access. Emergency opening devices shall be approved by the fire code official.
6. Methods of locking shall be submitted for approval by the fire code official.
7. Electric gate operators, where provided, shall be listed in accordance with UL 325.
8. Gates intended for automatic operation shall be designed, constructed and installed to comply with the requirements of ASTM F2200.

SECTION D103.6.1 "ROADS 20 TO ~~2629~~ FEET IN WIDTH" SHALL BE AMENDED AS FOLLOWS:

SECTION D103.6.1 Roads 20 to ~~2629~~ feet in width. Fire lane signs as specified in Section D103.6 shall be posted on both side of fire apparatus access roads that are 20 to ~~2629~~ feet wide (6096 to ~~7925~~8534.4 mm).

SECTION D103.6.2 "ROADS MORE THAN ~~2629~~ FEET IN WIDTH" SHALL BE AMENDED AS FOLLOWS:

SECTION D103.6.2 Roads more than ~~2629~~ feet in Width. Fire lane signs as specified in Section D103.6 shall be posted on one side of fire apparatus access roads more than ~~2629~~ feet wide (8534.4 mm) and less than ~~3236~~ feet wide (~~9754~~10972.8 mm).

SECTION D104.4 "CIRCUMFERENTIAL FIRE APPARATUS ACCESS ROADS" SHALL BE ADDED AS FOLLOWS:

SECTION D104.4 Circumferential Fire Apparatus Access Roads. *When required by the fire code official, a fire apparatus access road shall be constructed to encompass the entirety of a structure and shall provide a continuous means of emergency vehicle access.*

SECTION 4: CONFLICT

That Ordinance No. ~~20162019-37-01~~ of the EDHCWD, and all other ordinances or parts of ordinances herewith are hereby repealed.

SECTION 5: SEVERABILITY

If any Ordinance, article, subsection or subdivision thereof, provision, sentence, clause or phrase of this code, or any application thereof, is for any reason held to be invalid by a court of competent jurisdiction, such decision shall not affect the remaining provisions of this code, which can be given effect without the invalid portions and, therefore, such invalid portions are declared to be severable. The EDHCWD hereby declares that it would have enacted this Ordinance and each of its articles, sections, subsections, or subdivisions thereof, provisions, sentences, clauses or phrases irrespective of the fact that one or more of them is declared invalid.

SECTION 6: EFFECTIVE DATE AND PUBLICATION

This Ordinance shall take effect thirty (30) days after its adoption. The EDHCWD Board Secretary is directed to publish this ordinance in a newspaper of general circulation in the District. In lieu of publication of the full text of the ordinance, a summary of the ordinance may be published by the by the Board Secretary within fifteen (15) days after its passage and a certified copy shall be posted in the office of the EDHCWD pursuant to *Government Code Section 36933(c) (1)*.

The above Ordinance was introduced at a meeting of the Board of Directors of the EDHCWD on ~~October-September 15~~, 20~~22~~19, and it was then read for the first time. A public hearing was set for the Ordinance to be read for the second time on ~~November-October 20~~, 20~~22~~19 and approved by the following vote:

PASSED AND ADOPTED by the Board of Directors of the EDHCWD this, _____ day of _____, 20~~22~~19.

AYES:

NOES:

ABSENT:

ABSTAIN:

John Giraud, Board President

ATTEST:

Jessica Braddock, Board Secretary

SECTION 2: FINDINGS OF FACTS

In connection with the amendments enacted by Section 2 and 3 relating to the California Fire Code and its appendix, 2022 edition, the El Dorado Hills County Water District (EDHCWD) makes the following findings pursuant to Health and Safety Code Section 17958.5, 17958.7 and 18941.5. The changes are reasonably necessary because of local climatic, topographical or geological conditions.

EDHCWD hereby adopts pursuant to Section 18941.5 of the California Health and Safety Code, the following findings of fact:

(a) Under this adopting ordinance, specific amendments have been established which are of a more restrictive nature than those adopted by the State of California (State Buildings Standards Code, State Housing & Community Development Codes) commonly referred to as Title 24 & Title 25 of the California Code of Regulations. These amendments to the California Fire Code 2022 edition, have been recognized by the EDHCWD to address the fire problems, concerns and future direction by which EDHCWD can establish and maintain an environment which will afford a level of fire and life safety to all who live and work within its boundary.

(b) The International Code Council has assumed responsibility for the International Fire Code and International Fire Code Standards. The International Code Council provided a means for participation by all code enforcement officials from throughout the country as well as industry representatives, consultants, and other private parties with an interest in the International Fire Code.

(c) The International Fire Code, being the 2021 edition thereof, published by the International Code Council is a nationally recognized compilation of proposed rules, regulations and standards of said Association.

(d) Said International Fire Code has been printed and published as a Code in book form within the meaning of Section 50022.1 of the Government Code of the State of California.

(e) Under the provisions of Section 18941.5 of the Health and Safety Code, local amendments are based on climatic, topographical and geological conditions. The findings of fact contained herein address each of these situations and present the local situation, which either singularly or in combination, caused the aforementioned amendments to be adopted.

2022 CFC FINDINGS

LOCAL CONDITIONS

A. These amendments are justified on the basis of a local climatic condition. EDHCWD is subject to precipitation, relative humidity, temperature extremes, and high velocity winds.

1. Precipitation & relative humidity

a. Conditions

Precipitation. Average annual precipitation ranges from approximately 25 to 32 inches per year. Approximately 88% of the average rainfall occurs during the months of November through April and 12% from May through October. This area has experienced major droughts in the last two decades: 1986 -1991, 1998 – 2003, 2007 - 2009, and 2011 - 2015. It is possible that more droughts will occur in the future based on the weather cycle pattern.

Relative Humidity. During the summer months (May through September), the daily humidity generally ranges around 20% and occasionally drops to the low teens.

2. Temperature

a. Conditions

Temperatures. During the summer months (May through September), the daily temperatures commonly exceed 90 degrees Fahrenheit, with temperatures having been recorded as high as 115 degrees.

3. Winds

a. Conditions

Winds. The summer prevailing winds are out of the south and southwest. However, north winds occur during the spring (April and May), the fall (September and October), and occasionally during the summer months (June, July and August). Velocities are generally in the range of five to fifteen miles per hour, gusting to 30 miles per hour during the summer months.

SUMMARY

These local climatic conditions affect the acceleration, intensity and size of fire in the community. Times of little or no rainfall and high temperatures create extremely hazardous conditions, particularly as they relate to residential roof fires and wildfire conflagrations. The climatic conditions are one of the greatest impacts to fire behavior and other major emergency events due to their uncontrollable nature.

2022 CFC FINDINGS

B. These amendments are justified on the basis of a local geologic and topographic conditions. EDHCWD is subject to varied terrain, slopes, increased vegetation, varied surface features, hazardous building operations, and terrain risk factors.

1. Geological location

a. Conditions

Geological Location. El Dorado Hills is located in the foothills of the Sierra at an altitude range of approximately 650 feet to 1,500 feet above sea level.

2. Size and population

a. Conditions

Size and Population. The EDHCWD (Fire Department) encompasses approximately seventy to eighty (70-80) square miles and has a current population of approximately 50,000 residents.

3. Seismic Location

a. Conditions

Seismic Location. The nearest identified fault zone running through the District is the Bear Mountain Fault. This fault zone is split into several branches which transect the area between Folsom and Shingle Springs. The closest branch passes through the middle of the District along the western edge of Browns Ravine. The next nearest extension of this fault system is located immediately at the north end of the District, and extends from the southeast arm of Folsom Lake, north to the City of Auburn. No recent geologic activity has been observed along this fault. However, studies of the east branch of the fault zone, conducted by Woodward-Clyde Associates for the Auburn Dam, and by Tierra Engineering Consultants near Folsom Lake, indicate that the fault may be reactivating based on recent tectonic trends and should be considered potentially active.

4. Topography

a. Conditions

Topography. The topography of the District varies from level 0% slope to terrain with over a 40% slope. The valley floor is relatively flat with gentle slopes and consists of grassland and trees. The east and west sides of the valley floor increase to approximately 40% slopes and consist of trees, brush and grass-covered range land. The greatest degree of slope occurs in the northern end of the District and extends northeast from there. Hilly terrain throughout the area provides gullies or areas referred to as “chimneys” which accelerate the spread of fire.

2022 CFC FINDINGS

5. Roads and streets

a. Conditions

Roads and Streets. The District has seen an accelerated degree of urban and commercial development within the last 15 years. With this development comes the increase of vehicular traffic and congestion which can have a direct effect on the response time of emergency apparatus.

6. Building Clearances

a. Conditions

Building Clearances. As residential development continues to occur in the District, the clearance between homes has decreased which increases the ability of fire to spread from one home to another by both radiation and convection heat.

SUMMARY

The above geological and topographical conditions increase the magnitude, exposure, accessibility problems and fire hazards that the Department must handle. Fire following an earthquake has the potential of causing greater loss of life and damage to property than the earthquake itself.

Other variables may tend to increase the situation:

1. The damage that may occur to the water system, and;
2. The extent of isolation due to roadway damage, overpass collapse and debris blocking the roadway.

2022 CFC FINDINGS

2022 CFC FINDINGS

<i>2022 CFC Code Section</i>	<i>Title</i>	<i>Adopted</i>	<i>Amended</i>	<i>Added</i>	<i>Deleted</i>	<i>Finding</i>
101.1	General		X			Administrative
102.6 - 102.12	Applicability	X				Administrative
104.1	Duties and Powers	X				Administrative
104.3 – 104.4	Duties and Powers	X				Administrative
104.6	Official Records	X				Administrative
104.8 – 104.8.2	Approved Materials	X				Administrative
104.9	Modifications	X				Administrative
104.11 – 104.12.3	Fire Investigation	X				Administrative
105.2.3	Time of Application	X				Administrative
105.3.2	Extensions	X				Administrative
105.5	Operational Permits					Administrative
105.5.55	Automobile Wrecking Yards			X		Administrative
105.6	Construction Permits		X			Administrative
105.6.25	Automobile Wrecking Yards			X		Administrative
105.6.9	Fuel Cell	X				Administrative
105.6.12	Hazardous Materials	X				Administrative
105.17	Plant Extraction	X				Administrative
105.18	Private Fire Hydrants	X				Administrative
105.19	Smoke Control	X				Administrative
105.6.21	Special Event Structure	X				Administrative
105.6.22	Spraying or Dipping	X				Administrative
105.6.23	Standpipe Systems	X				Administrative
105.6.24	Tents	X				Administrative
106.1 – 106.4	Construction Documents	X				Administrative
107.1	Fees	X				Administrative
107.5	Related Fees			X		Administrative
107.5.1	Cost Recovery			X		Administrative
107.6	Refunds	X				Administrative
107.7	Administrative Costs			X		Administrative
Section 108	Inspections	X				Administrative
Section 109	Maintenance	X				Administrative
111.5	Appeals			X		Administrative
112.4	Violation Penalties		X			Administrative
112.4.1	Abatement of Violations	X				Administrative
112.4.2	Citations			X		Administrative
Section 113	Stop Work Order					Administrative
113.4	Failure to Comply		X			Administrative

2022 CFC FINDINGS

2022 CFC Code Section	Title	Adopted	Amended	Added	Deleted	Finding
Section 114	Unsafe Structures	X				Administrative
202	Definitions		X			Administrative
Section 302	Definitions					Administrative
Section 303	Asphalt Kettles					A1, A2, A3, B1, B2. B3. B4, B5, B6
302.1	Definitions		X			Administrative
Section 304	Combustible Waste	X				A1, A2, A3, B1, B2. B3. B4, B5, B6
Section 305	Ignition Sources	X				A1, A2, A3, B1, B2. B3. B4, B5, B6
Section 306	Motion Picture	X				B1, B2. B3. B4, B5, B6
Section 307	Open Burning	X				A1, A2, A3, B1, B2. B3. B4, B5, B6
307.4.4	Open Burning			X		A1, A2, A3, B1, B2. B3. B4, B5, B6
Section 308	Open Flames	X				A1, A2, A3, B1, B2. B3. B4, B5, B6
Section 309	Powered Industrial Trucks	X				A1, A2, A3, B1, B2. B3. B4, B5, B6
Section 310	Smoking	X				A1, A2, A3, B1, B2. B3. B4, B5, B6
Section 311	Vacant Premises	X				A1, A2, A3, B1, B2. B3. B4, B5, B6
Section 320	3D Printing	X				B1, B2. B3. B4, B5, B6
Section 321	Artificial Vegetation	X				A1, A2, A3, B1, B2. B3. B4, B5, B6
403.2 – 403.2.4	Group A	X				A1, A2, A3, B1, B2. B3. B4, B5, B6
403.6 – 403.6.1.4	Group F	X				A1, A2, A3, B1, B2. B3. B4, B5, B6
403.9 – 403.9.3.4	Group R	X				A1, A2, A3, B1, B2. B3. B4, B5, B6
503.2.1	Dimensions		X			A1, A2, A3, B1, B2. B3. B4, B5, B6
503.2.5	Dead Ends		X			A1, A2, A3, B1, B2. B3. B4, B5, B6
503.2.6	Bridges		X			A1, A2, A3, B1, B2. B3. B4, B5, B6
503.3.1	No Parking – Fire Lanes			X		A1, A2, A3, B1, B2. B3. B4, B5, B6
503.3.2	No Parking – Fire Hydrants			X		A1, A2, A3, B1, B2. B3. B4, B5, B6
503.3.3	Fire Lane Width			X		A1, A2, A3, B1, B2. B3. B4, B5, B6
503.6	Security Gates		X			A1, A2, A3, B1, B2. B3. B4, B5, B6
505.1	Address		X			A1, A2, A3, B1, B2. B3. B4, B5, B6
507.5.1	Where Required – Fire Hydrants		X			A1, A2, A3, B1, B2. B3. B4, B5, B6
509.3	Fire Control Rooms			X		B1, B2. B3. B4, B5, B6
807.5.2	Group E	X				B1, B2. B3. B4, B5, B6
903.2	Where Required – Fire Sprinklers		X			A1, A2, A3, B1, B2. B3. B4, B5, B6
903.2.1.1	Group A		X			A1, A2, A3, B1, B2. B3. B4, B5, B6
903.2.1.2	Group A-2		X			A1, A2, A3, B1, B2. B3. B4, B5, B6
903.2.1.3	Group A-3		X			A1, A2, A3, B1, B2. B3. B4, B5, B6
903.2.1.4	Group A-4		X			A1, A2, A3, B1, B2. B3. B4, B5, B6
903.2.3	Group E		X			A1, A2, A3, B1, B2. B3. B4, B5, B6
903.2.4	Group F-1		X			A1, A2, A3, B1, B2. B3. B4, B5, B6
903.2.7	Group M		X			A1, A2, A3, B1, B2. B3. B4, B5, B6

2022 CFC FINDINGS

2022 CFC Code Section	Title	Adopted	Amended	Added	Deleted	Finding
903.2.7.2	Group M - Mattresses		X			A1, A2, A3, B1, B2. B3. B4, B5, B6
903.2.8.5	Manufactured Homes			X		A1, A2, A3, B1, B2. B3. B4, B5, B6
903.2.9	Group S-1		X			A1, A2, A3, B1, B2. B3. B4, B5, B6
903.2.10	Group S-2		X			A1, A2, A3, B1, B2. B3. B4, B5, B6
903.2.10.1	Parking Garages		X			A1, A2, A3, B1, B2. B3. B4, B5, B6
903.2.22	Group B			X		A1, A2, A3, B1, B2. B3. B4, B5, B6
903.2.23	Group F-2			X		A1, A2, A3, B1, B2. B3. B4, B5, B6
903.6	Where Required – Fire Sprinklers		X			A1, A2, A3, B1, B2. B3. B4, B5, B6
907.2	Where Required – Fire Alarm Systems		X			A1, A2, A3, B1, B2. B3. B4, B5, B6
907.2.1.4	Group A			X		A1, A2, A3, B1, B2. B3. B4, B5, B6
907.2.2.3	Group B			X		A1, A2, A3, B1, B2. B3. B4, B5, B6
907.2.3.11	Group E			X		A1, A2, A3, B1, B2. B3. B4, B5, B6
907.2.4.1	Group F-1			X		A1, A2, A3, B1, B2. B3. B4, B5, B6
907.2.5.2	Group H			X		A1, A2, A3, B1, B2. B3. B4, B5, B6
907.2.6.6	Group I			X		A1, A2, A3, B1, B2. B3. B4, B5, B6
907.2.7.2	Group M			X		A1, A2, A3, B1, B2. B3. B4, B5, B6
907.2.8.4	Group R-1			X		A1, A2, A3, B1, B2. B3. B4, B5, B6
907.2.9.4	Group R-2, R-2.1, R-2.2			X		A1, A2, A3, B1, B2. B3. B4, B5, B6
907.2.10.1	Group S			X		A1, A2, A3, B1, B2. B3. B4, B5, B6
907.2.30	Type I Hoods			X		B1, B2. B3. B4, B5, B6
907.6.5	Monitoring		X			B1, B2. B3. B4, B5, B6
907.6.2.1	Secondary Power Supply			X		A1, A2, A3, B1, B2. B3. B4, B5, B6
907.9	Where Required – Fire Alarm		X			A1, A2, A3, B1, B2. B3. B4, B5, B6
Section 1101	General	X				A1, A2, A3, B1, B2. B3. B4, B5, B6
Section 1102	Definitions	X				A1, A2, A3, B1, B2. B3. B4, B5, B6
1103.2	Responder Communication	X				A1, A2, A3, B1, B2. B3. B4, B5, B6
1103.5 – 1103.5.5	Sprinkler Systems	X				A1, A2, A3, B1, B2. B3. B4, B5, B6
1103.7 – 1103.7.9.10	Fire Alarm Systems	X				A1, A2, A3, B1, B2. B3. B4, B5, B6
1103.8 – 1103.8.5.3	Smoke Alarms	X				A1, A2, A3, B1, B2. B3. B4, B5, B6
1103.9 – 1103.9.1	Carbon Monoxide Alarms	X				A1, A2, A3, B1, B2. B3. B4, B5, B6
Section 1104	Egress	X				B1, B2. B3. B4, B5, B6
Section 1106	Outdoor Operations	X				A1, A2, A3, B1, B2. B3. B4, B5, B6
1203.1.3	Installation		X			A1, A2, A3, B1, B2. B3. B4, B5, B6
3311.3	Address		X			A1, A2, A3, B1, B2. B3. B4, B5, B6
3313.1	When Required – Water Supply		X			A1, A2, A3, B1, B2. B3. B4, B5, B6

2022 CFC FINDINGS

<i>2022 CFC Code Section</i>	<i>Title</i>	<i>Adopted</i>	<i>Amended</i>	<i>Added</i>	<i>Deleted</i>	<i>Finding</i>
5001.7	Liability for Damages			X		Administrative
5601.2	Permit Required		X			Administrative
5704.2.9.6.1	Locations – Above Ground Tanks		X			A1, A2, A3, B1, B2. B3. B4, B5, B6
5706.2.4.4	Locations – Above Ground Tanks		X			A1, A2, A3, B1, B2. B3. B4, B5, B6
5806.2	Limitations		X			A1, A2, A3, B1, B2. B3. B4, B5, B6
6104.2	Maximum Capacity		X			A1, A2, A3, B1, B2. B3. B4, B5, B6
Chapter 80	Referenced Standards		X			A1, A2, A3, B1, B2. B3. B4, B5, B6
Appendix B Table B105.1 (1)	Fire Flow - Residential		X			A1, A2, A3, B1, B2. B3. B4, B5, B6
Appendix B Table B105.2	Fire Flow - Commercial		X			A1, A2, A3, B1, B2. B3. B4, B5, B6
Appendix D	Fire Apparatus Access Roads	X				A1, A2, A3, B1, B2. B3. B4, B5, B6
Appendix D, D103.1	Access Road Width		X			A1, A2, A3, B1, B2. B3. B4, B5, B6
Appendix D, D103.2	Grade		X			A1, A2, A3, B1, B2. B3. B4, B5, B6
Appendix D, D103.3	Turning Radius		X			A1, A2, A3, B1, B2. B3. B4, B5, B6
Appendix D, D103.5	Gates		X			A1, A2, A3, B1, B2. B3. B4, B5, B6
Appendix D, D103.6.1	Fire Lane Marking		X			A1, A2, A3, B1, B2. B3. B4, B5, B6
Appendix D, D103.6.2	Fire Lane Marking		X			A1, A2, A3, B1, B2. B3. B4, B5, B6
Appendix D, D104.4	Circumferential Fire Access		X			A1, A2, A3, B1, B2. B3. B4, B5, B6



EL DORADO HILLS FIRE DEPARTMENT

“Serving the Communities of El Dorado Hills, Rescue and Latrobe”

DATE: September 15, 2022

TO: Board of Directors

AGENDA ITEM: XIV-D

SUBJECT: Technical Specialist Assignment – Deputy Fire Chief Mike Lilienthal – Mosquito Incident

SUMMARY/DISCUSSION

Deputy Chief Lilienthal was assigned as a Technical Specialist (THSP) with Sacramento Regional Incident Management Team at the Mosquito Vegetation Fire. The dates of his deployment were September 7, 2022, from 0100 hours until September 12, 2022, at 1200 hours. The incident number was CA-TNF-001371.

This was an OES assignment funded by the California Fire Assistance Agreement (CFAA). The attached OES reimbursement rate sheet shows the pay rate for the Deputy Fire Chief is \$107.58 per hour and the recommended reimbursement is in alignment with the 2022 OES agreement. All costs, including total time, is reimbursed to the Department by the State of California OES.

FISCAL IMPACT

There is no fiscal impact to the Department. The State of California will reimburse the Department for all personnel, vehicle use costs, and will pay an Administrative fee back to the Department. Chief Lilienthal’s normal 40-hour workweek time is also covered by the State of California.

RECOMMENDATION

After subtracting the costs of the normal daily commitment to the Department, staff recommends that Deputy Chief Lilienthal be awarded \$11,403.48 additional compensation per the following table for his OES assignment.

Total OES Strike Team Hours Committed -	131 Hours
Standard Duty Hours Already Compensated -	<u>25 Hours</u> (deducted)
Hours Committed to Incidents Beyond Standard -	106 Hours
106 Hours x \$107.58 per Hour	<u>\$ 11,403.48</u>

OT Hours Summary Calculation

Deployment Date/Time	Return Date/Time	Total Hours on Incident	Regular Scheduled Hours	Difference (OT)
Wednesday, September 7, 2022 0100 hours	Monday, September 12, 2022 1200 hours	131	25	106

Breakdown of Hours Worked

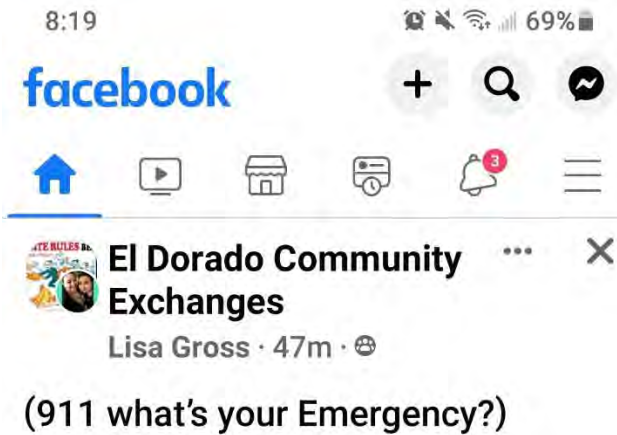
Date	Regular Hours Normally Worked	Additional Hours Worked
Tuesday, September 6, 2022	0	6
Wednesday, September 7, 2022	10	14
Thursday, September 8, 2022	10	14
Friday, September 9, 2022	0	24
Saturday, September 10, 2022	0	24
Sunday, September 11, 2022	0	24
Monday, September 12, 2022	5	0
TOTALS	25	106

Submitted by:

Approved by:

Michael Lilienthal
Deputy Chief

Maurice Johnson
Fire Chief



(911 what's your Emergency?)

Last night @ 8 ish I was woken up by my son Matthias. He came into the room and said Gaga (grandma) wasn't breathing and he called 911. Matthias is 5 and Autistic. I jump out of bed thinking maybe he accidentally called.

He did not make a mistake!. My mom Was hunched over gasping for air. I grabbed the phone and the dispatcher said help is on their way and make sure the house is unlocked.



By the time I unlocked the door and put the porch light on they were here.

I was still confused and in shock this was all happening. I thought it was an Asthma attack because she has horrible Asthma. Which she has been Intubated before.

But I was wrong..

My moms blood sugars was over 800 and the doctor said within 30mins she would have gone into a Diabetic coma and Thank God Matthias was there. She is currently in ICU and we can't visit.

8:19

69%

facebook



Thank you to all the EMTs and Firefighters who helped my mom and Matthias's Gaga.

And if anyone knows Ryan Bennett please let him know he's amazing and we thank him!!

Matthias was so brave and at the end when everyone was leaving with my mom he started to cry. One of the named firefighters named Ryan Bennett came up to my son and said he was very brave and hopes his kids will do the same in an emergency. He gave Matthias a sticker Badge that said Junior Firefighter, a cool Card with his picture and his Bio on the back.





JOHN D'AGOSTINI

SHERIFF - CORONER - PUBLIC ADMINISTRATOR
COUNTY OF EL DORADO
STATE OF CALIFORNIA

Fire Chief Maurice Johnson
El Dorado Hills Fire Department
1050 Wilson Blvd.
El Dorado Hills, CA 95762

Chief Johnson,

On August 4th, 2022, Captain Ben Cowles, Engineer Dale Hemstalk, and Firefighter Ray Phillips took time during their shift to put on a forcible entry class for our School Resource Officers. They got the approval, set up the breaching door, and taught the fundamentals of using a Halligan and single jack. They were all professional, thorough, and personable. I was impressed with your facilities and more importantly, the quality of your staff. I was extremely pleased with the class and excited to be a part of an interagency training like this.

Their training furthered the mission of the EDHFD by helping us serve and protect the community. Their service will also help our SROs fulfill the Sheriff's vision to provide total care for our community.

Respectfully,

Sgt. Jesse Dacanay
SRO Supervisor, Admin Sergeant
El Dorado County Sheriff's Office
200 Industrial Dr
Placerville, CA 95623

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Tahoe Patrol • 1360 Johnson Blvd., Suite 100 • South Lake Tahoe, CA 96150 • 530-573-3000 • Fax 530-544-6809
Tahoe Jail • 1051 Al Tahoe Blvd. • South Lake Tahoe, CA 96150 • 530-573-3031 • Fax 530-541-6721

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