

The Future of the

**Kirkwood Volunteer
Fire Department**



Objectives

- **Provide information on KVFD funding and operations**
- **Community discussion**

Committee Members

Rick Ansel	KVFD Fire Chief, KMPUD Assistant General Manager
Dan Deemer	Vail Resorts Employee
Peter Dornbrook	KMPUD Director
Anne-Flore Perroud Dwyer	KVFD Volunteer, KMPUD Planning Committee Member
Sandy Goldberg	KMPUD Communications Committee Member
Joel Gomez	KVFD Captain, Vail Resorts Employee
Jack Longinotti	KMPUD Finance Committee Member
Doug Mitarotonda	KMPUD Director, Chair of the Fire & EMS Temporary Advisory Committee
Bertrand Perroud	Former KMPUD Director
Eric Richert	KMPUD Planning Committee Member, Former KMPUD Board President
John Reiter	Kirkwood Village Development, Kirkwood Property Services

Challenge

Currently, the KVFD is an
all-volunteer fire department
(including the Fire Chief) that is
dependent on volunteer availability and training.

Agenda for Tonight

- Current Operations
- Potential Future Operations
- Potential Future Financing

Current Operations



Fire Department Ratings

PPC	Points
1	90.00 or more
2	80.00 to 89.99
3	70.00 to 79.99
4	60.00 to 69.99
5	50.00 to 59.99
6	40.00 to 49.99
7	30.00 to 39.99
8	20.00 to 29.99
9	10.00 to 19.99
10	0.00 to 9.99

Ratings are Weighted / Base on:

50%: Fire Department

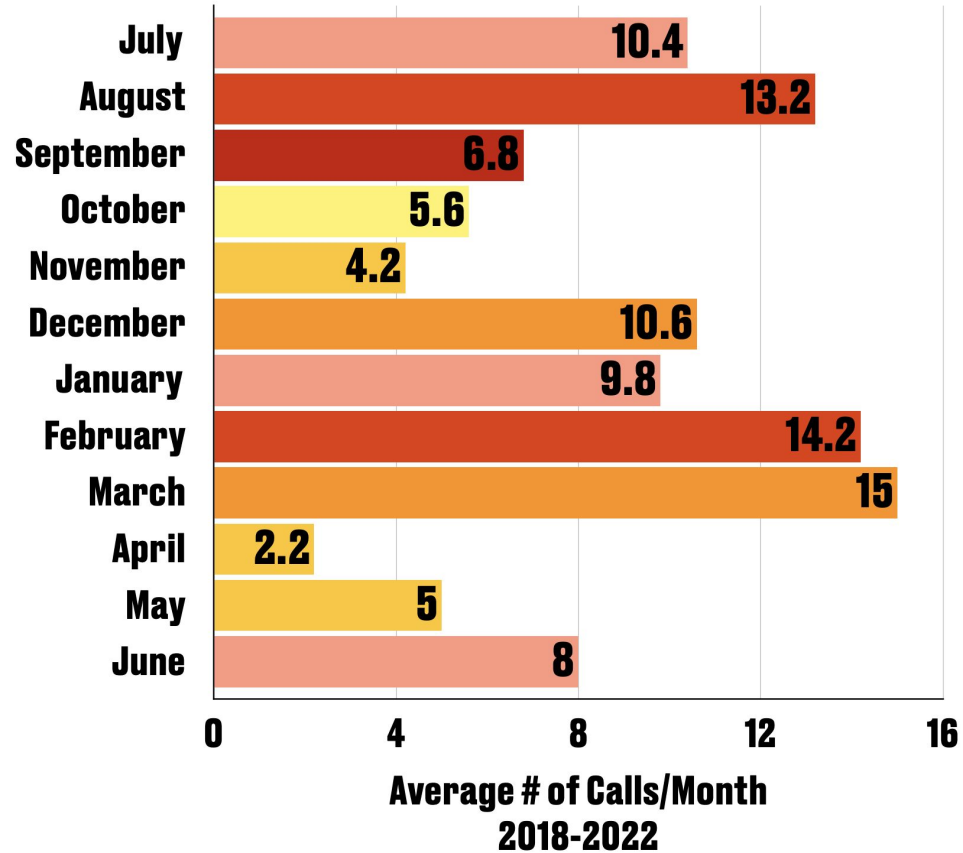
40%: Water Supply and Needed Fire Flows

10%: Emergency Communications

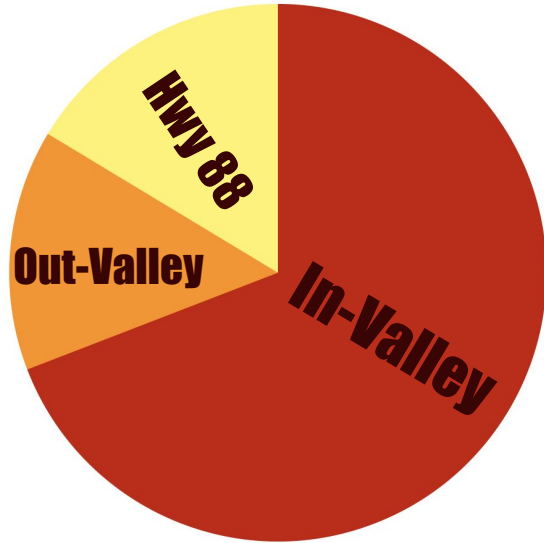
KVFD 2023 Rating:

PPC 4 rating, with 62.47 Points

KVFD Call Volume



KVFD Call Locations and Types



Month	2018	2019	2020	2021	2022	Average # of Calls
Total Calls	124	133	97	92	80	105.2
In-Valley	64%	72%	67%	68%	73%	69%
Hwy 88	14%	16%	20%	20%	14%	16%
Out-Valley	23%	11%	14%	11%	14%	14%



Month	2018	2019	2020	2021	2022	Average # of Calls
Total Calls	124	133	97	92	80	105.2
Alarms	35%	48%	42%	37%	39%	40%
EMS	35%	34%	28%	33%	43%	34%
Rescue	16%	8%	14%	18%	10%	13%
Fire	14%	9%	13%	12%	9%	11%

KVFD Response Times

NATIONAL RESPONSE OBJECTIVES

PROFESSIONAL FIRE DEPT.

PER NFPA 1710 Annex D Response Objectives

911 DISPATCH(Call Processing)
1.3-2.5 MINUTES

Emergency Personnel Response
4-6 MINUTES

VOLUNTEER FIRE DEPT.

PER NFPA 1720

911 DISPATCH(Call Processing)
2.5 MINUTES+

Emergency Personnel Response
10-14 MINUTES

KVFD AVERAGES

911 DISPATCH(Call Processing)
5-10 MINUTES

Emergency Personnel Response
IN-VALLEY
9 MINUTES

Emergency Personnel Response
OUT-VALLEY
4 MINUTES+ TRAVEL TIME

OUTSIDE ASSIST
& NO VOLUNTEER RESPONSE

MINIMUM OF 40-50 MINUTES

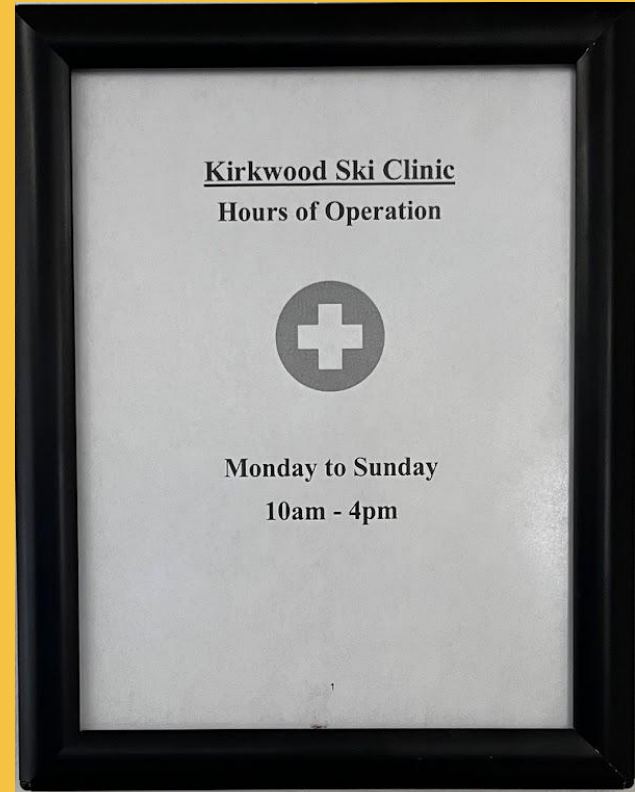
KVFD 2023 Financial Results

Revenue	
Annual Assessment + One time Impact Fees	\$71,854.00
Total Revenue	\$71,854.00

Expenses	
Operating Expenses	\$180,782.00
G&A Allocation Expense	\$156,550.00
Depreciation	\$49,967.00
Total Expenses	\$387,299.00
Net Operating Deficit	-\$315,445.00

Balance of Funding Comes From:	
KMPUD Property Tax Allocations	\$261,724.00
KVFD 501c-3 Grants	\$53,721.00

Kirkwood Barton Clinic



Background Information - Questions



Service Levels - Fire



Can Provide



Can provide depending on volunteer availability and levels of certification



Cannot Provide

	Current Level of Service	A. MINIMUM OPERATION: 1 Full time FF/Fire Chief/EMT and Volunteers (2-3 per shift)	B. BASIC OPERATION: 1 Chief, 3 Full time FF/EMT with volunteers (1 FF/EMT and 2 volunteers per shift)	C. 24/7 PROFESSIONAL OPERATION W/ VOLUNTEER SUPPORT: 1 Chief, 6 FF - 3 full time FF/Paramedics and 3 full time FF/EMTs and volunteers 1-2 per shift
COST ESTIMATE	\$350K	\$600K	\$1M	\$1.6M
FIRE				
External structure fire and exposure protection				
Enter a structure fire or multi-unit blaze				
Limited and initial wildland fire				
Initial Fire alarm response				
Landing of helicopters				
Simple vehicle extrication				
Traffic control				
Initial Search and Rescue				
Confined Space Rescue				
Water rescue				
Elevator rescue				
Initial Hazardous Material				
High or Low Angle Rope Rescue				
Defensible Space inspections				

Service Levels - EMS



Can Provide



Can provide depending on volunteer availability and levels of certification



Cannot Provide

	Current Level of Service	A. MINIMUM OPERATION: 1 Full time FF/Fire Chief/EMT and Volunteers (2-3 per shift)	B. BASIC OPERATION: 1 Chief, 3 Full time FF/EMT with volunteers (1 FF/EMT and 2 volunteers per shift)	C. 24/7 PROFESSIONAL OPERATION W/ VOLUNTEER SUPPORT: 1 Chief, 6 FF - 3 full time FF/Paramedics and 3 full time FF/EMTS and volunteers 1+ per shift
COST ESTIMATE	\$350K	\$600K	\$1M	\$1.6M
Basic Life Support No guaranteed in valley Ambulance				
		Emergency Medical Responder (EMR): EMRs administer life-saving techniques such as CPR and mouth-to-mouth resuscitation while waiting for more qualified medical professionals to arrive. EMRs are also responsible for assisting other medical professionals at the scene of the emergency or during transport. EMRs perform basic interventions with minimal equipment.		
CPR / AED				
Basic first aid				
Splint broken bones and sprains				
Bandaging				
Neck and spine stabilization				
Initial Patient Assessment				
Vitals				
Communication with Outside Agencies				

Service Levels - EMS



Can Provide



Can provide depending on volunteer availability and levels of certification



Cannot Provide

	Current Level of Service	A. MINIMUM OPERATION: 1 Full time FF/Fire Chief/EMT and Volunteers (2-3 per shift)	B. BASIC OPERATION: 1 Chief, 3 Full time FF/EMT with volunteers (1 FF/EMT and 2 volunteers per shift)	C. 24/7 PROFESSIONAL OPERATION W/ VOLUNTEER SUPPORT: 1 Chief, 6 FF - 3 full time FF/Paramedics and 3 full time FF/EMTs and volunteers 1+ per shift
COST ESTIMATE	\$350K	\$600K	\$1M	\$1.6M
Basic Life Support		<p>Emergency Medical Technician (EMT): EMTs have acquired the knowledge and skills to stabilize and safely transport patients for all emergency calls, from routine transports to life-threatening emergencies. They provide crucial treatment onsite and during the ambulance ride to the hospital, including controlling bleeding, stabilizing breaks, and addressing shock. EMTs perform their vital services using the basic equipment typically found in an ambulance.</p>		
Administration of advanced airways				
BLS Ambulance transport - requires 2 EMTs responding				
Advanced Life Support with Ambulance		<p>Paramedic: Paramedics provide advanced medical care for critical patients. This includes triage with sophisticated medical equipment and administering approximately 30 different types of drugs.</p>		
Administration of drugs oral or sublingual drugs				
Administration of subcutaneous and intravenous drugs				
Monitoring of Cardiac Episodes				
ALS Ambulance transport				

Potential Future Operations - Questions



Financing Need

At least

\$100,000

to balance the current budget

Up to

\$1,300,000

or more, depending on staffing
model

Financing Methods & Criteria

15

Financing methods considered

5

Criteria used to evaluate

Criteria

1

Ability to meet budgeted revenues

2

Long term source of revenues

3

Dollars from all who benefit

4

Low cost to implement

5

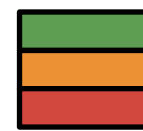
Ease (speed) of implementing

Possible Funding Solutions

	Fully Favorable
	Partially or Possibly Favorable
	Not or Minimally Favorable

		Criteria				
		Can meet budgeted revenues	A long term source of revenue	Dollars from all who benefit	Low cost to implement	Ease to implement
Method	Requirements					
Benefit Assessment (Proposition 218)	Benefits Assessment Study Nexus between cost and benefit for each type of property One vote per parcel, weighted by assessment amount 50% + 1 approval by all property owners who vote Specifically allowed to fund fire fighting					
Special Tax (Community Facility District)	Engineering Study A logical connection between the tax and how the tax is applied Fully objective in how the tax is calculated for each parcel Different benefit = different tax per parcel Intensity of property use can be a benefit criterion 2/3 approval of registered voters who vote No restrictions for funding fire fighting or EMS					
Agreement with Vail to Partially Fund EMS	A formal long-term agreement between KMPUD and Vail					

Possible Funding Solutions



Fully Favorable
Partially or Possibly Favorable
Not or Minimally Favorable

		Criteria				
		Can meet budgeted revenues	A long term source of revenue	Dollars from all who benefit	Low cost to implement	Ease to implement
Method	Requirements					
Revenues from Nearby Properties (Silver Lake, Lake Kirkwood, Caples)	Revised Mutual Aid Agreements with Amador Fire and Eastern Alpine Fire Organize KVFD into a CSD, utilizing a special tax via a CFD map including these areas Possibly a high fee per incident	Not or Minimally Favorable	Partially or Possibly Favorable	Fully Favorable	Partially or Possibly Favorable	Partially or Possibly Favorable
Emergency Services Use and False Alarm Charges	For collecting fees for EMS on Highway 88, ability to collect necessary insurance information to forward to Fire Recovery USA, with which KMPUD has a contract Revised mutual aid agreements KMPUD ordinance establishing false alarm fees	Not or Minimally Favorable	Fully Favorable	Fully Favorable	Partially or Possibly Favorable	Partially or Possibly Favorable
Increase Property Tax Allocation to Fire Department	Increase Electric Rates to reduce Electric dependence on Property Tax Allocation	Partially or Possibly Favorable	Partially or Possibly Favorable	Partially or Possibly Favorable	Fully Favorable	Fully Favorable

Possible Funding Solutions



Fully Favorable

Partially or Possibly Favorable

Not or Minimally Favorable

		Criteria				
		Can meet budgeted revenues	A long term source of revenue	Dollars from all who benefit	Low cost to implement	Ease to implement
Method	Requirements					
Grants	Grant opportunities for capital equipment Grant opportunities for operational funding, such as Safer Grants Staff resources to write grant applications	Red	Red	White (NA)	Green	Orange
Fund Raising Activities	Staff and/or Vail resources and volunteers for events such as the Summer Festival, Death Ride, 5k-10k runs, and Chili Cook-off	Red	Orange	Orange	Green	Orange
501c3 Donations	Staff resources and volunteers for outreach activities Primarily to fund capital purchases	Red	Orange	Orange	Green	Green
One Time Special Assessment	Primarily for raising money for a specific purpose such as acquiring an expensive piece of equipment	Orange	Red	Green	Red	Red

Considered, but not Recommended

Method	Comments
Development Impact Fee	Current fee for development is \$0.47/SF in Alpine County and \$0.81/SF in Amador County. Additional fees would potentially limit future growth because of higher development costs
Excise Tax or Admission Fee	Novelty of this approach could invite legal challenge Attorney advises against No clear way to implement
Local Sales Tax	Technically feasible via County action 2/3 approval by registered voters in each County Difficult to find out how much money could be raised
Civic Fee	Adding onto KCA's current Civic Fee for KVFD might restrict KCA's ability to raise new funds to meet its obligations
Increase Revenue from Counties	Past attempts have taken a lot of time and been unsuccessful Fair Share effort in early 2000's Alpine County Grand Jury recommendations ignored Lengthy 2018-19 discussions failed Long term, explore possibility of incorporation? Increase share of Transient Occupancy Tax due to level of service on 88

Funding Summary

We may need:

- To use a variety of financing methods to fund the KVFD.
- One method to fund fire protection and a second to fund emergency medical services?
- Supplemental methods for each?

Potential Future Financing - Questions



Next Steps



Today

**Community Input &
Discussion**

Coming Months

1. Incorporate feedback
2. Community Survey
3. Recommendations to the KMPUD Board, when applicable

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