

## Fire Protection District Cannabis Funding Request Summary

Fire District	Pg. #	PPE	Equipment	Wild Fire Prevention	Staffing	Total Requested
Capay Valley	1				\$ 17,700.00	\$ 17,700.00
Clarksburg	2		\$ 13,375.81			\$ 13,375.81
Dunnigan	3	\$ 15,965.00				\$ 15,965.00
East Davis	6			\$ 20,000.00		\$ 20,000.00
Elkhorn	7	\$ 6,476.00	\$ 8,868.85			\$ 15,344.85
Esparto	9	\$ 2,500.00			\$ 11,800.00	\$ 14,300.00
Knights Landing	10	\$ 5,994.60	\$ 13,718.72			\$ 19,713.32
Madison	11		\$ 17,437.19			\$ 17,437.19
No Man's Land						\$ -
Springlake	12		\$ 15,000.00			\$ 15,000.00
West Plainfield	13	\$ 13,126.55	\$ 1,555.53			\$ 14,682.08
Willow Oak	21	\$ 9,000.00	\$ 6,833.82			\$ 15,833.82
Winters	22	\$ 5,534.10	\$ 10,006.43			\$ 15,540.53
Yolo	23		\$ 16,481.09			\$ 16,481.09
Zamora	24		\$ 15,770.00			\$ 15,770.00
<b>Total(s)</b>		<b>\$ 58,596.25</b>	<b>\$ 119,047.44</b>	<b>\$ 20,000.00</b>	<b>\$ 29,500.00</b>	<b>\$ 227,143.69</b>
		26%	52%	9%	13%	<b>-27,143.69</b>

*Note: Esparto and Capay Valley propose to share a FTE - total cost is \$29,500.*

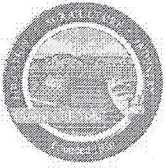
Capay Valley Fire Protection District

	Item Name/Description	Cost Each	Number Requested	Total Cost
Item #1	Increased staffing in Capay Valley / Esparto	\$35,400/yr	0.5	\$17,700
Item #2				
Item #3				
Item #4				
Item #5				
	<b>Total Amount Requested:</b>			<b>\$17,700.00</b>

*You may attach additional sheets, if necessary.*

Please briefly describe why the above listed item(s) are necessary for a) wildfire preparedness and/or safety needs, or b) improved fiscal sustainability:

<p>Capay Valley Fire Protection District (CVFPD) and Esparto Fire Protection District (EFPD) are in discussions over a joint hire of a full-time Firefighter. This employee would cover shifts for both districts, increasing the daytime staffing of each district to 7 days a week. Potential secured funding sources for this position have been identified by CVFPD, and the receipt of this one-time funding would allow us to implement this important cooperative program ahead of schedule while reviewing the budget allocations necessary for the '22/'23 fiscal year. 7 day-a-week staffing will result in increased coverage for our district, improved maintenance of apparatus and infrastructure, and reduced response time to insure the best service to our community and our mutual aid partners.</p>
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Yolo County Fire Protection District  
 2021-2022 Cannabis Tax Revenue Allocation  
 One-Time Wildfire Preparedness & Safety Funding Request

Agency Name: CLARKSBURG F.P.D.

Authorized Representative Signature: Craig Hamblin

	Item Name/Description	Cost Each	Number Requested	Total Cost
Item #1	BKR 5000 VHF PORTABLE RADIOS & ACC		4	9,157.43
Item #2	KENWOOD NX5700 PACKAGE PAR B10		1	4,218.38
Item #3	}			}
Item #4				
Item #5				
		<b>Total Amount Requested:</b>		<b>\$ 13,375.81</b>

*You may attach additional sheets, if necessary.*

Please briefly describe why the above listed item(s) are necessary for a) wildfire preparedness and/or safety needs, or b) improved fiscal sustainability:

THE AFOREMENTIONED REQUEST IS TO PROVIDE UP-DATED RADIO COMMUNICATIONS FOR THE RECENTLY PURCHASED GRASS 40. THIS UP-DATE WILL PROVIDE IMPROVED TECHNICAL SPECIFICATIONS AND RELIABILITY. THIS EQUIPMENT IMPROVE INTEROPERABILITY WITH ALL NEIGHBORING DISTRICTS AND DEPARTMENTS AS WELL AS STATE AND FEDERAL PARTNERS.

*Funding applications are due November 15, 2021  
 Please return to [Elisa.Sabatini@yolocounty.org](mailto:Elisa.Sabatini@yolocounty.org)*



Yolo County Fire Protection District  
2021-2022 Cannabis Tax Revenue Allocation  
One-Time Wildfire Preparedness & Safety Funding Request

Agency Name: DUNNIGAN FIRE PROTECTION DISTRICT Authorized Representative Signature: M. URLAUB 1200  
MICHAEL URLAUB - FIRE CHIEF

	Item Name/Description	Cost Each	Number Requested	Total Cost
Item #1	STRUCTURAL INNOTEX <del>SEW</del> PPE COAT + PANTS	\$2,490.00	3	\$7,470.00
Item #2	STRUCTURAL HELMET	\$347.00	3	\$1,041.00
Item #3	STRUCTURAL GLOVES	\$98.00	6	\$588.00
Item #4	STRUCTURE BOOTS	\$160.00	3	\$480.00
Item #5	TAXES	\$1,079.24	1	\$1,079.24
Total Amount Requested:		PAGE 1 of 1 / TOTAL \$15,965.24		

You may attach additional sheets, if necessary.  
\$10,658.24

Please briefly describe why the above listed item(s) are necessary for a) wildfire preparedness and/or safety needs, or b) improved fiscal sustainability:

WILDLAND + STRUCTURAL PPE REQUIRED TO KEEP FIREFIGHTERS SAFE FIGHTING FIRES. IT WILL HELP WITH NFPA RECOMMENDED REPLACEMENT OF PPE AT CERTAIN PPE AGES.



Yolo County Fire Protection District  
 2021-2022 Cannabis Tax Revenue Allocation  
 One-Time Wildfire Preparedness & Safety Funding Request

Agency Name: DUNNIGAN FIRE PROTECTION DISTRICT Authorized Representative Signature: M. URLAUB 1200  
MICHAEL URLAUB - FIRE CHIEF

	Item Name/Description	Cost Each	Number Requested	Total Cost
Item #1	CFE WILDLAND PPE COAT	\$355.00	6	\$2,130.00
Item #2	CFE WILDLAND PPE PANT	\$310.00	6	\$1,860.00
Item #3	WILDLAND HELMET W/ RATCHET	\$60.00	6	\$360.00
Item #4	WILDLAND NOMEX FACE/NECK SHROUD	\$49.00	6	\$294.00
Item #5	WILDLAND GLOVES	\$39.00	17	\$663.00
Total Amount Requested:				
		\$5,307.00	PAGE / TOTAL	\$15,965.24

You may attach additional sheets, if necessary.

Please briefly describe why the above listed item(s) are necessary for a) wildfire preparedness and/or safety needs, or b) improved fiscal sustainability:

WILDLAND + STRUCTURAL PPE REQUIRED TO KEEP FIREFIGHTERS SAFE  
 FIGHTING FIRES. IT WILL HELP WITH NFPA RECOMMENDED REPLACEMENT  
 OF PPE AT CERTAIN PPE AGES.



CASCADE FIRE  
EQUIPMENT COMPANY

P.O. BOX 4248 • MEDFORD, OREGON 97501  
(800) 654-7049 • (541) 779-0394 • Fax (541) 779-8847  
[sales@cascadefire.com](mailto:sales@cascadefire.com) • [www.cascadefire.com](http://www.cascadefire.com)

QUOTE

ACCOUNT 0004664  
  
SHIP TO DUNNIGAN FIRE DEPARTMENT  
PO Box 213  
DUNNIGAN CA

DATE	QUOTE NO.	SALESPERSON	TAKEN BY	PAY TYPE
11/11/21	112250	3	Todd	Net 30

LINE	QTY	UNIT	PROD	DESCRIPTION	UNIT PRICE	EXT PRICE
1	3	EA	CFE-SPEC	TURNOUT, INNOTEX CFE SPEC ARMOR AP ACROSS SHOULDERS DUNNIGAN REMOVABLE NAME PATCH WITH F.F. NAME	2,490.00	7,470.00
2	3	EA	C-TRD	HELMET, 1044 BLK 4" SHIELD	347.00	1,041.00
3	6	EA	50240L	DEX-PRO GLOVE, LARGE	98.00	588.00
4	3	EA	60200	BOOT, 16" TALL RUBBER	160.00	480.00
5	6	EA	50174AC5Y	COAT, ARMOR AP 5.5 YLW W/2" L/Y TRIM ACROSS SHOULDERS IN SILVER H.P. DUNNIGAN	355.00	2,130.00
6	6	EA	50181AC6Y	PANT, ARMOR AP 5.5 YLW W/2" L/Y TRIM	310.00	1,860.00
7	6	EA	50023	HAT, WILDFIRE w/RATCHET	60.00	360.00
8	6	EA	50030	SHROUD, SUPER DELUXE NOMEX FACE/NECK	49.00	294.00
9	17	EA	50219	GLOVE, WILDLAND, NFPA	39.00	663.00

TOTAL FREIGHT	TOTAL TAX	TOTAL
0.00	1,079.24	15,965.24

VALID UNTIL DECEMBER 31<sup>ST</sup>

East Davis Fire Protection District

	Item Name/Description	Cost Each	Number Requested	Total Cost
Item #1	Vegetation management for fire prevention	\$20,000.00	1	\$20,000.00
Item #2				
Item #3				
Item #4				
Item #5				
	<b>Total Amount Requested:</b>	\$20,000.00		

*You may attach additional sheets, if necessary.*


Please briefly describe why the above listed item(s) are necessary for a) wildfire preparedness and/or safety needs, or b) improved fiscal sustainability:

This project will reduce light flashy fuels in the North Fork Putah Creek channel which is located in a Wildland Urban Interface zone
between Drummond Avenue and Mace Boulevard. The total project cost is estimated to be \$200,000.00 for a complete "reset" clearance
with ongoing yearly maintenance of \$20,000 to \$50,000. The amount requested reflects 10% of the total cost and the District will continue
to seek funding for the remaining amount to complete the major clearance project.



Yolo County Fire Protection District  
 2021-2022 Cannabis Tax Revenue Allocation  
 One-Time Wildfire Preparedness & Safety Funding Request

Agency Name: CA-EHF ELKHORN FPD

Authorized Representative Signature:  4706

	Item Name/Description	Cost Each	Number Requested	Total Cost
Item #1	MOBILE RADIO KENWOOD NX-5700K VHF 50-WATT	\$1378.71	1	\$1378.71
Item #2	PORTABLE RADIO BENDIX-KING BKR5000 P25 VHF 6-WATT	\$2935.31	2	\$5870.62
Item #3	TFT NOZZLE 1.5" FTS 250PS NH GRIP & SHUT OFF	\$972.00	1	\$972.00
Item #4	TFT NOZZLE 1.0" DQS40P NH GRIP & SHUT OFF	\$648.01	1	\$648.01
Item #5	WILDLAND PPE TO INCLUDE HELMET, GOGGLES, SHROUD, COATS, PANTS, & GLOVES	\$647.51	10	\$6475.51
	<b>Total Amount Requested:</b>			<b>\$15,344.85</b>

*You may attach additional sheets, if necessary.*

Please briefly describe why the above listed item(s) are necessary for a) wildfire preparedness and/or safety needs, or b) improved fiscal sustainability:

<p><b>* PLEASE SEE ATTACHED *</b></p>



Yolo County Fire Protection District  
2021-2022 Cannabis Tax Revenue Allocation  
One-Time Wildfire Preparedness & Safety Funding Request

Fire Chief Rich Yeung  
Elkhorn Fire Protection District  
19396 County Road 124  
West Sacramento, CA 95691

The Elkhorn Fire Protection District is scheduled to take delivery of a 2022 Type VI fire apparatus to replace our current Grass 47. Grass 47 is a 1983 Ford/Westates that served Cal OES Fire Rescue Branch prior to Elkhorn purchasing it for use in our District. There is minimal amount of serviceable equipment that can be transferred to the new apparatus for use.

New Grass 47 will need mobile and portable radios, as well as nozzles to round out the compliment that we are able to reutilize. The current radios are out of manufacturer warranty and replacement parts are scarce at best. We plan to modernize our radios to the current P25 VHF standard for communications. In order to standardize our apparatus, we have decided to also purchase 2 TFT nozzles for water delivery to incidents. The nozzles are selectable gallonage, and they will be placed on our reel line and our cross lay.

Our Structural PPE was replaced last budget cycle and we are currently 100% compliant with NFPA 1851 & NFPA 1977. Our Wildland PPE is over 15 years old and in dire need of replacement. The cost of garments have increased exponentially in the last 5 years. Our current ensemble is treated cotton, and has exceeded it's service life. With the allocated funds we will purchase NFPA 1977 compliant wildland/urban interface PPE that will include Helmets, Shrouds, Goggles, Gloves, Coats, & Jackets. This will keep our firefighters in the safest possible garments for incident mitigation.

Elkhorn is requesting a total of \$15,344.85 to purchase the following:

- 10 Sets of Wildland PPE Ensemble
- 2 VHF Portable Radios G47
- 1 VHF Mobile Radio G47
- 2 Nozzles (TFT Selectable Gallonage, 1.0" & 1.5") G47

Esparto Fire Protection District

	Item Name/Description	Cost Each	Number Requested	Total Cost
Item #1	Increase staffing in Esparto/ Capay Valley Fire Dist.	\$23,600 /Yr	.5	\$11,800.00
Item #2	Structure Turnouts for new Split Position (Coat, Pants)	\$2,500.00	1	\$2,500.00
Item #3				
Item #4				
Item #5				
	<b>Total Amount Requested:</b>			<b>\$14,300.00</b>

*You may attach additional sheets, if necessary.*

Please briefly describe why the above listed item(s) are necessary for a) wildfire preparedness and/or safety needs, or b) improved fiscal sustainability:

<p>Capay Valley Fire Protection District (CVFPD) and Esparto Fire Protection District (EFPD) are in discussions over a joint hire of a full-time Firefighter. This employee would cover shifts for both districts, increasing the daytime staffing of each district to 7 days a week. Secured funding sources for this position have been identified by EFPD, and the receipt of this one-time funding would allow us to implement this important cooperative program ahead of schedule while reviewing the budget allocations necessary for the '22/'23 fiscal year. 7 day-a-week staffing will result in increased coverage for our district, improved maintenance of apparatus and infrastructure, and reduced response time to insure the best service to our community and our mutual aid partners.</p>
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Knights Landing Fire Department

	Item Name/Description	Cost Each	Number Requested	Total Cost
Item #1	Kenwood NX-5200K2 Portable Radios w/Programming	\$1498.65	4	\$5994.60
Item #2	Full Set of StuctureTurnouts w/equipment	\$3429.68	4	\$13718.72
Item #3				
Item #4				
Item #5				
<b>Total Amount Requested:</b>				\$19713.32

*You may attach additional sheets, if necessary.*

Please briefly describe why the above listed item(s) are necessary for a) wildfire preparedness and/or safety needs, or b) improved fiscal sustainability:

The portable Radios are needed to upgrade the communications capabilities of Engine 209 and Squad 9. With upgraded radio capabilities, our personnel will each have a radio and feel safer and accounted for when responding.
The Full sets of turnouts are being requested to replace soon to be retired equipment for (2) veterans and (2) New Volunteers.
The 4 Firefighters will be better protected with updated and properly fitting gear.

Madison Fire Protection District

Paul Green

	Item Name/Description	Cost Each	Number Requested	Total Cost
Item #1	PPE washer extractor	6,000.00	1	6,000.00
Item #2	Scott's Rit-Pak	5,837.19	1	5,837.19
Item #3	SCBA Bottles	1,400.00	4	5,600.00
Item #4				
Item #5				
	<b>Total Amount Requested:</b>			<b>\$17,437.19</b>

*You may attach additional sheets, if necessary.*

Please briefly describe why the above listed item(s) are necessary for a) wildfire preparedness and/or safety needs, or b) improved fiscal sustainability:

PPE Washer extractor for washing turnout gear after fires to remove contaminants from PPE
Scott's Rit-pak for firefighter rescue and safety.
Spare Scba bottles for our SCBA paks for training and incidents



**Yolo County Fire Protection District  
2021-2022 Cannabis Tax Revenue Allocation  
One-Time Wildfire Preparedness & Safety Funding Request**

Agency Name: Springlake/ Woodland

Authorized Representative Signature: 

	Item Name/Description	Cost Each	Number Requested	Total Cost
Item #1	Match for battery operated extrication tools	15,000	1	15,000
Item #2				
Item #3				
Item #4				
Item #5				
	<b>Total Amount Requested:</b>		<b>\$15,000</b>	

*You may attach additional sheets, if necessary.*

Please briefly describe why the above listed item(s) are necessary for a) wildfire preparedness and/or safety needs, or b) improved fiscal sustainability:

Battery operated extrication tools are a light weight portable option for use in areas that are away from the apparatus. This includes down embankments
In fields, and over the edge on the bypass. These tools would be housed on City of Woodland apparatus that service the Springlake Fire Protection
District, as well as providing automatic and mutual aid to our partners. This funding would only be a portion of the total, as the City of Woodland will also
benefit from their purchase.

**Funding applications are due November 15, 2021**  
Please return to [Elisa.Sabatini@yolocounty.org](mailto:Elisa.Sabatini@yolocounty.org)



Yolo County Fire Protection District  
 2021-2022 Cannabis Tax Revenue Allocation  
 One-Time Wildfire Preparedness & Safety Funding Request

Agency Name: WEST PLAINFIELD FIRE DEPT. Authorized Representative Signature: [Signature] #81

	Item Name/Description	Cost Each	Number Requested	Total Cost
Item #1	STRUCTURAL PPE ENSEMBLE HELMET, HOOD, GLOVES, COAT, PANTS, & BOOTS	\$3281.64	4	\$13,126.55
Item #2	TWIN XL MATTRESS, BOX SPRING, & FRAME	\$507.00	1	\$507.00
Item #3	8X6 PANELS FOR PRIVATE SLEEPING AREA	\$1138.53	1	\$1138.53
Item #4				
Item #5				
Total Amount Requested:				\$14,772.08

*You may attach additional sheets, if necessary.*

Please briefly describe why the above listed item(s) are necessary for a) wildfire preparedness and/or safety needs, or b) improved fiscal sustainability:

<p><b>*PLEASE SEE ATTACHMENT*</b></p>

NFPA 1851 has transformed how the fire service addresses PPE for structural firefighting. With the long title – Standard on Selection, Care, and Maintenance of Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting – the document has evolved over a period of less than 20 years to create changes in how the fire service takes care of the gear intended to provide protection under the worst fireground circumstances.

NFPA 1851 sets requirements for how fire departments select, track, inspect, clean, repair, store and retire PPE. The standard is intended to provide generalized ways for how firefighters can meet these requirements to ensure the continued performance of PPE over its specified service life.

August 2019 marks the fourth edition of the standard, with a heavy emphasis on contamination control. Although the new edition will issue at the end of the month, it is unlikely that either a hard or paper copy will be available until late September, at the earliest.

The new edition has an effective date of Aug. 25, 2019, establishing new criteria for fire department compliance with the standard. There is a one-year grace period for independent service providers to become verified to the new cleaning effectiveness and updated repair requirements, described in item 10 below.

Unlike the PPE standards that applied to manufacturers, full compliance to the standard is uncommon for most fire departments, the principal intended audience for these requirements. Instead, many fire departments attempt to comply as much as possible within their resources. Some areas of the country, like Texas, mandate that career fire departments follow NFPA 1851 requirements. As such, it is important to understand the new changes that are coming forward with the new edition.

## **NFPA 1851 HISTORY AND CURRENT REQUIREMENTS**

In the mid-1990s, it became clear that fire departments were often not properly inspecting, cleaning and repairing their protective clothing, with the potential leading to unnecessary exposures to fire ground hazards.

When established in 2001, the standard was a follow-up to an effort led by the Fire Industry Education Resource Organization (F.I.E.R.O.), and other fire service safety organizations, to provide appropriate direction for proper taking of PPE.

Since its origin, NFPA 1851 has been increasingly expanded in the breadth of requirements and information that it provides. For example, there are now separate requirements for independent service providers (ISPs) to be verified in their inspection, cleaning and repair services of turnout clothing. The standard also has an extensive annex, where non-mandatory guidance information is provided.

NFPA 1851 has not been without controversy as it also specifies a 10-year maximum service life on all forms of structural protective clothing and equipment used by fire departments (proximity outer shells have a five-year retirement). Interestingly, an NFPA survey conducted in 2015 showed that 28% of the U.S. fire departments had at least some gear that was more than 10 years old. Nevertheless, many departments do strive to meet NFPA 1851 criteria within the constraints proposed by their available resources.

## WHAT'S NEW FOR NFPA 1851

While NFPA 1851 is a maturing standard, the recent focus on fire service contamination control related to cancer and fire ground exposure issues created significant modifications to the standard. Below are 16 changes that are considered the most noteworthy in the new edition:

1. A fundamental change has been to **define exposure to products of combustion as contamination**, which always warrants advanced cleaning. The new edition presents two flow charts that aid fire departments on how to decide upon the appropriate types of cleaning and decontamination.
2. A requirement has been added for fire departments to undertake **preliminary exposure reduction**, which many in the fire service now call gross decontamination. Fire departments are required to either rinse firefighters off at the scene while still on air or use dry brushing to remove exterior contaminants, followed by bagging and isolation of the gear for later advanced cleaning. It is understood that such procedures may not always be practical, but detailed provisions are provided in the annex with specific recommendations for how the procedures can be applied under different circumstances.
3. **Advanced (machine) cleaning** is now required every 6 months instead of one year.
4. Advanced cleaning of garments must be performed in a **programmable washer extractor** with a specified maximum acceleration. These washing machines use a special cycle with controlled temperatures, multiple rinse cycles, water levels, and cycle times to address the proper washing of turnout clothing. The use of top-loading machines is now prohibited.
5. **Drying of garments in an air-drying cabinet** is now an option. The use of air drying is still an option for drying garments. If machine drying is used, it has to be on a no-heat setting.
6. **More complete default cleaning procedures** have been established for the other elements, including helmets, gloves and footwear, which involve cleaning in a utility sink with specific outlined procedures. A large amount of detail is provided in the accompanying annex material.



7. There are now requirements for **sanitization and disinfection of protective clothing** when contaminated with blood, body fluids and other biological contaminants (e.g., flood water). Sanitization applies to removing micro-organisms to a safe level on textile-based elements whereas disinfection applies to a more aggressive removal of microorganisms on hard surfaces, such as helmet shells. Sanitization is supposed to proceed advanced cleaning but can also be part of the advanced cleaning procedures. Sanitizers and disinfectants that are used must comply with EPA registration requirements.

8. A new section has been established for **specialized cleaning**, which addresses specific types of contaminants, such as asbestos, fentanyl (opioid drugs) and bed bugs. Additional information is provided in the annex for suggested procedures. Organizations are supposed to have some means of verifying whether specialized cleaning is effective using either prior experience, subject-matter expertise, or testing. The annex also explains how to decide if testing is warranted and offers specific recommendations for how the testing can be conducted.

9. The **qualifications for organizations that can conduct advanced inspections**, cleaning and repairs of protective clothing have been made more rigorous. These include manufacturers, ISPs and trained organizations. There is now a new category of verified cleaners, which are ISPs that provide advanced inspection and advanced cleaning, but not advanced repairs.

10. Relatively detailed and rigorous requirements have been put into place for **verifying the effectiveness of advanced cleaning and sanitization** for manufacturers, ISPs and verified organizations. The requirements demonstrate that organization procedures reduce the amounts of contaminants in turnout gear. This testing has to be carried out one year after the effective date of the standard, then every 2 years afterward. This is by far one of the more significant changes in the standard that affects manufacturers and ISPs, but is not being applied to fire departments.

11. Fire departments are now supposed to conduct their **hazard assessments to take into account the type of fire ground operations**. This is principally intended to distinguish between structural and proximity firefighting since many departments with airport firefighting stations are now electing to use structural gear in lieu of proximity gear.

12. Complete **liner inspections** for garments have been folded into the advanced inspection procedures and are now required to be done every year instead of waiting for 3 years into the garment's life. The liner light test and puddle test have been removed from the routine inspection procedures since the specified hydrostatic testing is understood to be a better assessment of moisture barrier quality and is more commonplace in advanced inspections.

13. New inspection provisions have been added to NFPA 1851 to address **particulate-blocking hoods**. For advanced inspections, there is the choice of a method using light

inside a headform or other fixture on which the hood is mounted to identify damage as well as a slightly more sophisticated smoke test that involves a modified hydrostatic tester with a smoke generator.

14. Any **training for repair of protective clothing** has to be provided by a manufacturer of the same element type or verified ISP that is experienced in providing these types of repairs.

15. **Moisture barrier repairs** can now include tapes of different widths, making it easier to provide advanced repairs of garment liners.

16. Contaminated ensemble elements are not permitted to be transported inside the **apparatus cab** unless in a protective bag or case.

No changes were made to the maximum 10-year service life requirement. Instead, the committee reaffirmed the requirement, with provision of further information from relevant studies indicating industry studies supported the requirement and reiterating the lack of non-destructive field methods to assess continued PPE performance.

#### **FORWARD DIRECTION FOR NFPA 1851**

The overhaul in NFPA 1851 is intended to promote better care and maintenance practices to both ensure adequate levels of protection and limit the accumulation of fire ground contamination to firefighters. While NFPA 1851 is prescriptive in its requirements, it is also intended to be informative, as evidenced by the vastly increased levels of guidance provided in the accompanying annex material. As such, this standard, along with other new edition standards, such as NFPA 1500, is leading the way for transforming fire service contamination-control practices. Further progress is expected in the future, particularly to address other ensemble elements such as helmets, gloves and footwear for providing the same levels of detail in care and maintenance as not applied to garments.

## **WEST PLAINFIELD FIRE DEPARTMENT & NFPA 1851**

The West Plainfield Fire Department identified back in 2013 that our then Structural PPE was reaching the end of it's service life per NFPA 1851 and budgeted for approximately 14 full sets of Structural PPE. In 2016 12 full sets of Structural PPE were purchased via regional FEMA grant. In October of 2024, West Plainfield will have to replace all of the 2014 sets, and in 2026 all of the 2016 sets, which is 26 full sets of PPE.

The West Plainfield Fire Department has been budgeting for approximately 4 sets of Structural PPE per budget year, but with addition of newer career personnel and volunteer staff, the Department has not been able to keep pace with the planned obsolescence of the 2014 & 2016 Structural PPE.

Due to the COVID-19 Pandemic and interruption of raw materials within the supply chain has put the West Plainfield Fire Department at an increased disadvantage due to the volume to which we order. The cost for Structural PPE has increased by 12% since April of 2021, as well as increased delivery times.

### **REQUEST FOR FUNDING**

The West Plainfield Fire Department is requesting the authorization of \$13,126.55 for the purchase of the following:

1. 4 Lion V-Force Turnout Coats "WPFDF Spec"
2. 4 Lion V-Force Turnout Pants "WPFDF Spec"
3. 4 Lion/Thorogood 807-6003 Rubber Turnout Boots
4. 4 Lion Commander Ace Structure Gloves
5. 4 Majestic PAC Short Hood
6. 4 Cairns 1044 Black Traditional Helmet with NFPA Defender Visor

The West Plainfield Fire Protection District operates out of one Fire Station, Station 30, located on the grounds adjacent to the Yolo County Airport. Fire Station 30 is currently staffed 24 hours a day by one career fire officer to facilitate adequate and immediate emergency requests for service. The West Plainfield Fire Protection District converted to this 24-hour staffing pattern in January 2021, in response to an increase in call volume and an addition of target hazards including the Sacred Oaks Regional Youth Treatment Center on County Road 31 ran by Indian Health Services.

To facilitate the 24-hour staffing needs at Station 30, several renovations were made to facilitate living and sleeping accommodations. This included the development of a storage and gym equipment room being converted to an officer's dormitory.

Along with this conversion to 24-hour staffing the department utilizes an in-district volunteer membership as well as an cadre of Out of District volunteers who are required to provide a set number of on duty hours providing coverage at the station. In addition to providing the required number of hours, these Out of District volunteers also provide additional staffing during wind events and other times requiring increased staffing. Station 30 currently does not have the ability to accommodate a second person to be on duty and have sleeping quarters.

The goal of the West Plainfield Protection District is to expand our Out of District Volunteer program into a structured Reserve program to augment staffing and provide 2 personnel on duty 24 hours a day to increase not only the efficiency and capabilities of the department, but also to increase the safety of our personnel. The availability of adequate living quarters has been prohibitive in pursuing the Reserve Program.

WEST PLAINFIELD FIRE PROTECTION DISTRICT  
SWOT – March 2021

Strengths

- 24/7 coverage and currently good roster of volunteers
- Fairly robust list of people that can provide coverage (sick/leave/special assignment)
- Extra funding from Indian Health
- Services Agreement w/ Airport
- Taken advantage of grants
- Training program
- Majority of current fleet meets NFPA
- Facilities can be modified to house more staff
- Budget-wise, and when not building/purchasing apparatus, we are able to set aside funds for apparatus replacement and facilities maintenance
- Have a document for how we prepare budget
- Fairly stable revenues each fiscal year
- County-wide mutual aid agreement
- Auto aid agreements
- Volunteer pool candidates are easier to come by for us
- Policies and procedures
- Able to afford and utilize records management software
- County Chiefs/Districts Unity

Weaknesses

- Revenues from County and Indian Health not guaranteed to be ongoing
- Retention of volunteers (fluctuates)
- Drivers, lack of (though have made improvements)
- Facilities maintenance – additional stress due to 24/7 switch
- Potential to not be able to cover if sick
- Age of facilities
- Inadequate follow through/continued recruitment
- Policies and procedures
- Limited growth / property tax etc

Threats

- Airport plan calls for moving our station
- Decline in volunteerism
- Technology changes
- Increased training requirements
- County take-over
- Aging out of current volunteer members, especially officers
- OSHA

Opportunities

- Group buying/training/apparatus reserves
- New facility due to potential move required by County
- Reserve program / shared pool throughout
- Grant funding opportunities

Unknown support from community – though generally supportive if we can justify it



Yolo County Fire Protection District  
 2021-2022 Cannabis Tax Revenue Allocation  
 One-Time Wildfire Preparedness & Safety Funding Request

Agency Name: Willow Oak Fire Protection District      Authorized Representative Signature:

	Item Name/Description	Cost Each	Number Requested	Total Cost
Item #1	Computer With CAD Integration	\$6833.82	1	\$6,833.82
Item #2	Structure PPE	\$2800.00	3	\$8,400.00
Item #3	Structure Helmets	\$300.00	2	\$600.00
Item #4				
Item #5				
	<b>Total Amount Requested:</b>	<b>\$15,833.82</b>		

*You may attach additional sheets, if necessary.*

Please briefly describe why the above listed item(s) are necessary for a) wildfire preparedness and/or safety needs, or b) improved fiscal sustainability:

Computer with CAD integration will help cut down on County radio traffic and help with incident response and information routed from dispatch.
Structure PPE is an ongoing expense with a 10 year service life.



Yolo County Fire Protection District  
 2021-2022 Cannabis Tax Revenue Allocation  
 One-Time Wildfire Preparedness & Safety Funding Request

Agency Name: Winters Fire Protection District

Authorized Representative Signature: *Benjamin J. [Signature]*

	Item Name/Description	Cost Each	Number Requested	Total Cost
Item #1	Wildland PPE (coat, pants, gloves, goggles)	\$516.00	10 each	\$5,160.00
Item #2	Portable Radio's P25-Compliant Bendix King	\$1,555.00	6 each	\$9,330.00
Item #3	Tax 7.25%			\$1,051.00
Item #4				
Item #5				
	<b>Total Amount Requested:</b>	\$15,541.00		

*You may attach additional sheets, if necessary.*

Please briefly describe why the above listed item(s) are necessary for a) wildfire preparedness and/or safety needs, or b) improved fiscal sustainability:

Attached is a more detailed funding request description and needs analysis for the Winters Fire Protection District in
wildfire preparedness and safety.

**Funding applications are due November 15, 2021**  
 Please return to [Elisa.Sabatini@yolocounty.org](mailto:Elisa.Sabatini@yolocounty.org)



**Yolo County Fire Protection District  
2021-2022 Cannabis Tax Revenue Allocation  
One-Time Wildfire Preparedness & Safety Funding Request**

Agency Name: Yolo Fire Dist.

Authorized Representative Signature: M. TAFOYA

	Item Name/Description	Cost Each	Number Requested	Total Cost
Item #1	Scott R.t-PAK III	3,302.22	1	3641.64
Item #2	Scott Carbon Cylinder 60 Min 5500 psi	1458.49	1	1564.25
Item #3	Scott Carbon Cylinder 45 Min 5500 psi	1314.13	8	11,275.20
Item #4				
Item #5				
<b>Total Amount Requested:</b>				\$ 16481.09

*You may attach additional sheets, if necessary.*

Please briefly describe why the above listed item(s) are necessary for a) wildfire preparedness and/or safety needs, or b) improved fiscal sustainability:

The Yolo fire dist. is requesting funds to improve our current inventory of safety equipment. Items 1+2 will assist our district in becoming more compliant to OSHA + NFPA safety standards, while item #3 will assist in increasing our current mid-life inventory of SCBA bottles.





**Yolo County Fire Protection District  
2021-2022 Cannabis Tax Revenue Allocation  
One-Time Wildfire Preparedness & Safety Funding Request**

Agency Name: Zamora Fire Protection District

Authorized Representative Signature: 

	Item Name/Description	Cost Each	Number Requested	Total Cost
Item #1	Truck Radio NX5700K	\$1,000.00	3	\$3,000.00
Item #2	Hose Poly-Tuff 2.5 x 50	\$208.00	15	\$3,120.00
Item #3	Hose Poly-Tuff 800 1.5 x 50	\$126.00	20	\$2,520.00
Item #4	Akron Turbojet Nozzle 1.5"	\$1,136.00	5	\$5,680.00
Item #5	Haix Airpower XR1 Boot	\$290.00	5	\$1,450.00
	<b>Total Amount Requested:</b>			\$15,770.00

*You may attach additional sheets, if necessary.*

Please briefly describe why the above listed item(s) are necessary for a) wildfire preparedness and/or safety needs, or b) improved fiscal sustainability:

The Items listed all play a very vital role in efficiently attacking wildfires. The truck radios, essential for our incoming Brush and Chief apparatus. The hose is essential to replace hose past its service life. Hose nozzles are essential to replace those that no longer perform as expected due to normal wear and tear. Wildland boots are necessary to replace those that no longer protect and perform efficiently.