

BOARD OF TRUSTEES

Charlie Pitigliano
County of Tulare

Robert Uchita
County of Tulare

Stan Creelman
County of Tulare

Tony Nunes
County of Tulare

Craig Smith
City of Tulare

Charles Mayer
City of Visalia

TULARE MOSQUITO ABATEMENT DISTRICT

District Headquarters: Mefford Field - Tulare
6575 Dale Fry Rd • Tulare, CA 93274

(559) 686-6628

TulareMosquito@gmail.com

www.tularemosquito.com

GENERAL MANAGER
Michelle Dempsey
OPERATIONS DIRECTOR
Jacob Davis



The Tulare Mosquito Abatement District Board of Trustees Meeting will be held on Tuesday, July 9, 2024 at 1:00 p.m. at the District office located at Mefford Field 6575 Dale Fry Rd, Tulare, CA

AGENDA

1. Citizen Comments: At this time the Board of Trustees will take input from citizens on items they wish to address that are within the Board's jurisdiction. However, the Board cannot legally discuss or take action at this meeting on comments received.
2. Review Minutes of the June 27, 2024 Board of Trustee Meeting
3. Payment of Check Numbers **7524 - 7558**
Payment of Direct Deposit Numbers **DD 1742 - DD 1755**
Electronic Fund Transfers (EFTPS) from US Bank to the IRS and EDD for Social Security, Medicare, Federal and State Tax Payments. E Debit payments from the District's US Bank account. Claim number **21963** Transfer of Funds from Tulare County Fund #778 to the District's US Bank Account # *****4633.
4. Final FY 24/25 Budget Submitted to Tulare County
5. Discussion, Decision and Potential Action to Purchase 3D Printer and Software Subscription
6. Manager's Report
 - a. District Activity to Date
 - b. CSDA General Manager Summit
7. Meeting Adjourned

MINUTES OF THE SPECIAL MEETING OF THE BOARD OF TRUSTEES OF THE TULARE MOSQUITO ABATEMENT DISTRICT, HELD AT THE OFFICES OF THE DISTRICT, MEFFORD FIELD, TULARE, CALIFORNIA ON THE 27th DAY OF JUNE 2024, AT THE HOUR OF 1:00 P.M. OF SAID DAY

Present at the meeting called at 1:01 p.m. at the place above designated were: Charlie Pitigliano, presiding, Stan Creelman, Tony Nunes and Chuck Mayer. Craig Smith and Robert Uchita were absent. Also present at the Board Meeting were Michelle Dempsey, General Manager, Jacob Davis, Operations Director, and Chad M. Lew, counsel for the District.

Agenda Item No. 1: Citizen Comments.

Charlie Pitigliano opened the floor to citizen comments, but there were no comments from the public.

Agenda Item No. 2: Review Minutes of the May 14, 2024 Board of Trustees Meeting.

The minutes of the regular board meeting held on May 14, 2024, were presented to the board in writing and reviewed. Upon a motion made by Charles Mayer, seconded by, Stan Creelman, and unanimously carried, the minutes of the regular board meeting held on May 14, 2024, were approved as presented.

Agenda Item No. 3: Payment of Check Number 7488 - 7523, Payment of Direct Deposit Numbers DD 1728 - DD 1741; Electronic Fund Transfers (EFTPS) from US Bank to the IRS for Social Security, Medicare and Federal Tax Payments, US Bank Charges and Credits, and Claim Number 21962, Transfers of Funds form Tulare County Fund #778 to the District's US Bank Account #***4633.**

The board members reviewed the District's US Bank checking account, check numbers 7488 - 7523, payment of direct deposit numbers DD 1728 - DD 1741, the electronic fund transfers (EFTPS) for payment of Social Security, Medicare and Federal Tax Payments to the IRS, the electronic debit payments from the District's US Bank account, and claim number 21962 in the sum of \$159,575.65, which was a transfer from the District's Tulare County Fund #778 to the District's US Bank account number ending in 4633. Upon a motion duly made by Tony Nunes, seconded by Stan Creelman, and unanimously carried, the US Bank checking account, check numbers 7488 - 7523, payment of direct deposit numbers DD 1728 - DD 1741, the electronic fund transfers (EFTPS) for payment of Social Security, Medicare and Federal Tax Payments to the IRS, the electronic debit payments from the District's US Bank checking account, and the transfer from the District's Tulare County Fund #778 to the District's Union Bank account number ending in 4663, by claim number 21962 in the sum of \$159,575.65, were approved.

Agenda Item No. 4: Discussion, Decision, and Potential Action to Approve SB553 New Workplace Violence Prevention Requirements for California Employers.

Michelle reviewed the draft Workplace Violence Prevention Requirements mandated by Senate Bill 553 with the Board. She also presented a draft Tulare Mosquito Abatement District Workplace Violence Prevention Plan to the board. Upon a motion duly made by Charles Mayer, seconded by Tony Nunes, and unanimously carried, the board approved and adopted the Tulare Mosquito Abatement District Workplace Violence Prevention Plan, as presented.

Agenda Item No. 5: Review Proposed FY 24/25 Budget and Potential Action to Approve and Send to the Tulare County Auditor.

Michelle reviewed the proposed District budget for fiscal year 2024/2025 with the board. Michelle addressed the questions from the board related to the proposed working budget. Upon a motion duly made by Stan Creelman, seconded by Tony Nunes, and unanimously carried, the board approved the budget for fiscal year 2024/2025, as presented, and authorized the general manager to transmit the budget to the Tulare County Auditor.

Agenda Item No. 6: District Activity to Date.

Michelle reviewed with the board the WALs treatment zones for the 2024/2025 zones, and also reviewed with the board the California Arbovirus Surveillance Bulletin #8.

Agenda Item No. 7: Manager's Report.

- a. SDRMA - Loss Prevention - Safety Reimbursement: Michell advised the board that the District received the sum of \$994.06, from the SDRMA as a safety reimbursement.
- b. US Bank - Visa Card - Qrt 1 Rebate Check: Michelle advised the board that the District received the sum of \$456.46 from US Bank.
- c. Board of Trustee Chuck Mayer Reappointment Update: Michelle advised that Charles Mayer was reappointed as a trustee by the City of Visalia.

Agenda Item No. 8: Meeting Adjourned.

There being no further business before the board, upon a motion duly made by Stan Creelman, seconded by Charles Mayer, and unanimously carried, the meeting was adjourned at 1:45 p.m.

SECRETARY

Agenda Item #3

Expenses	6/15/2024	Expenses
Union		
Check #'s		
EFTPS		
E Debits		
	Full Time Employees	
DD1742	Michelle Dempsey	5,081.99 6001
DD1743	Jacob Davis	3,532.99 6001
DD1744	Jorge Lopez	2,508.88 6001
DD1745	Ryan Stallings	2,200.89 6001
DD1746	Quirino Valencia	2,389.72 6001
DD1747	Victor Zamora	2,511.11 6001
DD1748	Josephina Ortiz	1,549.87 6001
	Seasonal Employees	
7524	John Coleman	1,626.56 6005
7525	Brenden Leos	1,301.69 6005
7526	Justin Manning	2,131.20 6005
7527	Matthew Minter	1,485.05 6005
7528	Rene Rodriguez	1,459.69 6005
7529	David Servi	1,691.16 6005
7530	Quirino Valencia III	1,642.18 6005
EFTPS	CA Emp Dev Dept	UI, ETT, SDI & PIT 1,994.56 6004
EFTPS	CalPERS (Employee)	Employee 457 Loan Re-Payment (Q. Valencia) 187.64 6011
EFTPS	CalPERS (Employee)	Employee Additional 457 Roth 750.00 6011
EFTPS	CalPERS (Employee)	Employee Additional deferred contribution 550.00 6011
EFTPS	CalPERS (Retirement)	PERS Retirement contribution Employer & Employees 4,561.92 6011
EFTPS	IRS	Federal Inc Tax. Employee/Employer Medicare & SS 9,466.00 6012
7531	Aflac	Employee Additional Health After-Tax (March/June Payment) 37.60 6004
7532	Team Builders Inc	Aerial Flight for Pools 5,692.00 7001
		2023 Season Invoice #211584 2,846.00
		2024 Season Invoice# 211585 2,846.00
7533	CDPH	Recertification Fee 190.00 7001
7534	VOID- SEE ATTACHED	
7538	SDRMA	Property/Liability FY 2024-25 71,364.86 7010
7535	G.V. Burrows	Vehicle Fuel 3,262.62 7022
7536	City iof Tulare	Land Rent 774.00 7062
7537	Michelle Dempsey	Per Diem CSDA General Manager Summit 333.00 7074
E Debit	US Bank Charges	Direct Deposit Fees 28.00 7036
		130,305.19

Expenses		6/30/2024			
Union		600† Transfer Funds from Salaries and Benefits FY 23/24 Budget	\$120,089.26		
Check #'s		7000 Transfer Funds from Services and Supplies FY 23/24 Budget	\$107,567.55		Expenses
EFTPS					
E Debits			\$227,656.81		
	Full Time Employees				
DD1749	Michelle Dempsey		5,081.99	6001	
DD1750	Jacob Davis		3,532.99	6001	
DD1751	Jorge Lopez		2,508.90	6001	
DD1752	Ryan Stallings		2,200.90	6001	
DD1753	Quirino Valencia		2,389.71	6001	
DD1754	Victor Zamora		2,511.13	6001	
DD1755	Josephina Ortiz		1,742.09	6001	
	Seasonal Employees				
7539	John Coleman		1,480.69	6005	
7540	Brenden Leos		1,178.84	6005	
7541	Justin Manning		1,940.43	6005	
7542	Matthew Minter		1,352.17	6005	
7543	Rene Rodriguez		1,459.67	6005	
7544	David Servi		1,540.28	6005	
7545	Quirino Valencia III		1,457.89	6005	
EFT	CA Emp Dev Dept	UI, ETT, SDI & PIT	1,668.02	6004	
EFT	CalPERS (Health)	Monthly Health Premium -	22,406.13	6004	
7546	Principal Insurance Co.	Monthly Premium Dentla, Vision, Life	1,187.45	6004	
7547	Assurity Life Insurance Co.	Employee Additional Health	179.34	6004	
7548	AFLAC (Employee)	Employee Additional Health	37.60	6004	
7549	Charlie Pitigliano	Board Meeting 6/27/2024	100.00	6008	
7550	Stan Creelman	Board Meeting 6/27/2024	100.00	6008	
7551	Chuck Mayer	Board Meeting 6/27/2024	100.00	6008	
7552	Tony Nunes III	Board Meeting 6/27/2024	100.00	6008	
EFT	CalPERS (Employee)	Employee 457 Loan Payment	187.64	6011	
EFT	CalPERS (Employee)	Employee Additional 457 Roth	750.00	6011	
EFT	CalPERS (Employee)	Employee Additional deferred contribution	550.00	6011	
EFT	CalPERS (Retirement)	PERS Retirement contribution Employer & Employees	4,578.59	6011	
EFTPS	IRS		9,086.11	6012	
	Service & Supplies				
7553	Adapco	Vectobac 12AS 264 gal Tote#2	9,630.79	7002	
7554	Veseris	Altosid 40lb bag	4,340.83	7002	
7555	Big Brand Tire	New Tire Truck #19	226.54	7021	
7556	GV Burrows	Fuel	2,986.85	7022	
7557	McCormick, Kabot & Lew	Invoice from 3/25/24 & Board Meeting 6/27/2024	905.00	7043	
		Draft 2024 Area Inspection Warrant; Email to Michelle	375.00		
		Emails to and from Craig Smith; Call w/ Manny at city of tulare	100.00		
		Call w/ Michelle RE ethics training and hangar lease; email from Michelle	100.00		
		Scan application, memo of points and authorities and warrant into PDF,	30.00		
		submit to court digitally, call to court admin to confirm acceptance of digital warrant			
E Debit	US Bank Charges				
		So Cal Edison	618.30	7081	
		So Cal Gas Co.	18.80	7081	
		Direct Deposit Fee	28.00	7036	
		Bank Service Charge	66.95	7036	
7558	U.S.Bank Charges & Credits	06/18/2024 Statement	7,120.99		
	Costco	Mosquito Repellant	100.07	7001	
	Morris Levin & Son	Key Copies/Creighton's Ranch	14.07	7001	

Harbor Freight	Drone Electrical/2-1/2" Hole 14 pc Saw	43.29	7001.1
Amazon	Drone Trailer Aluminum Box w/ Lock and Keys	119.03	7001.1
Lowe's	Drone Electrical/PVC Coupling x10/PVC Conduit Clamp/Pole Breaker x2/ETC	400.04	7001.1
CED	Drone Electrical/Wire Cord	180.83	7001.1
Amazon	Drone Trailer Portable AC Unit	360.46	7001.1
Morris Levin & Son	Drone Electrical/Universal Angle Guard/Conduit Strap/ETC	35.69	7001.1
Lowe's	Drone Electrical/PVC Male Terminal x6/1/2" PVC Coupling	129.84	7001.1
Amazon	Drone Trailer Freezer Strip Curtains x2	186.16	7001.1
Lowe's	Drone Electrical/PVC 40 Conduit/PVC Meter Offset/PVC Male Terminal	64.32	7001.1
YOSEMITE LINEN	Employee Uniforms/Laundry	963.64	7004
VERIZON	Office and Field Phones	221.11	7005
CARMINE	Monthly Tier for GPS	339.83	7005
T MOBILE	iPads, Phones	208.66	7005
DIGITAL SPACE	Monthly Faxline	11.00	7005
Costco	Household Supplies	154.01	7009
CULLIGAN	Bottled Water	38.75	7009
Morris Levin & Son	Argo Hardware/Split Lock Washers x5 Boxes/Chain Links/Nylon Hose Shut Off/ETC	209.26	7021
Amazon	Argo Electrical Supplies Pump Set Up/Capacitor w/ Digital Display/Relay	146.50	7021
Morris Levin & Son	Argo Plumbing Supplies/PVC Thread Coupling/PVC Ball Valve/Red Hot Blue Glue/ETC	133.87	7021
Amazon	Electrical Supplies Pump Set Up Truck #18/Capacitor w/ Digital Display	43.29	7021
Morris Levin & Son	Pump Set Up/1/4-20 Nylon Lock Nut/Shrink Tubing/Male Terminal	56.98	7021
Battery Pro	A1 Boss Sprayer Battery/Truck #10	46.74	7021
Amazon	Wader Repair	12.50	7021
O'Reilly's	Sprayer Battery/Argo	144.88	7021
Mid Valley Pipe Supply	Argo Battery Mount Metal/20' Flat Bar/Square Receiver Tube/120" Angle Bar	82.96	7021
Lowe's	Impact Drill	323.67	7021
Amazon	Argo Electrical Supplies/100 Amp Marine Circuit Breaker	99.56	7021
Morris Levin & Son	Cutting Wheels/4x11/2x90x7/8/4-1/2x7/8	19.32	7021
Amazon	Oil Pump/Spare	90.70	7021
O'Reilly's	A1 Boss Sprayer Battery/Truck #7	168.63	7021
Morris Levin & Son	Argo Electrical Supplies/1/2" Shrink Tubing/3/4" Shrink Tubing	19.42	7021
Auto Glass Central	Windshield Chip Repairs/Truck #18 & #19	90.00	7021
Central Irrigation	Argo Plumbing Supplies/3/4" Hose Barb/3/4" PVC Union	16.88	7021
Linde	Welding Supplies/Compressed Argon Air x92lbs	144.70	7021
Amazon	Pump Set Up/Rotary Switch Selector w/ Knob/Toggle Switch Cover	40.40	7021
O'Reilly's	Argo Battery Box	21.64	7021
Morris Levin & Son	Wheel Lug Nuts/Lock Washers/3/8-16x2 Hex Caps/Argo Tires	31.12	7021
Morris Levin & Son	Rosin Core Solder	17.85	7021
NPMA	Annual Membership	265.00	7027
Microsoft	Microsoft 365 Annual Subscription	99.99	7036
CLINE'S BUSINESS EQUIP	Copy Count-C220/C308	157.31	7036
CLINE'S BUSINESS EQUIP	IT Services	61.80	7036
UNWIRED	Monthly Internet Service	95.97	7036
Smart and Final	Board Meeting Supplies	12.99	7066
CSDA	Special District Laws Virtual Workshop	230.00	7073
Priceline	NACCHO Conference Car Rental	511.47	7074
City of Tulare	Water/Trash Bill	154.79	7081

97,224.57

Agenda Item # 5



Store

Printers

Filament

Maker's Supply

Accessories

Spare Parts

Support



Bambu Lab X1-Carbon 3D Printer

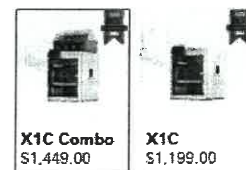
\$1,449.00 USD

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Product Features

- Multi Color & Multi Material Capability
- High quality printing with 7 μm Lidar Resolution
- High speed CoreXY with 20000 mm/s^2 Acceleration
- Dual Auto Bed Leveling

Options

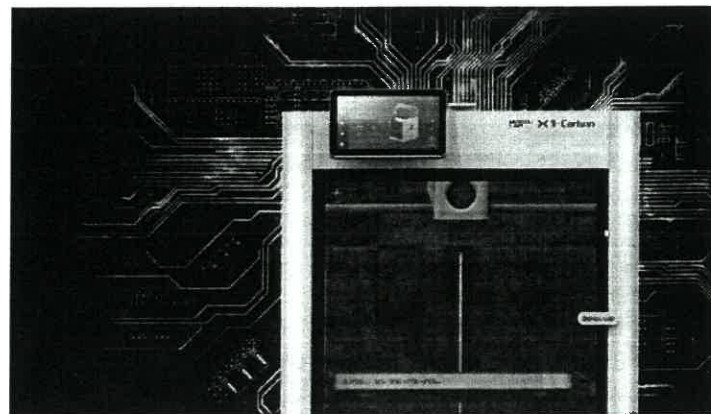


X1C Combo
\$1,449.00

X1C
\$1,199.00

What to Expect from the X1-Carbon 3D Printer

- 20 m/s^2 acceleration
- Micro lidar assisted bed leveling
- Active vibration compensation for better print quality
- Spaghetti failure detection and auto-pause
- Print resume after power outage



Bambu Lab X1-Carbon

Technical Specifications

Technology		X1-Carbon
		Fused Deposition Modeling
Body	Build Volume(W×D×H)	256 x 256 x 256 mm ³
	Chassis	Steel
	Shell	Aluminum & Glass
Tool Head	Hot End	All-Metal
	Extruder Gears	Hardened Steel
	Nozzle	Hardened Steel
	Max Hot End Temperature	300 °C
	Nozzle Diameter (Included)	0.4 mm
	Nozzle Diameter (Optional)	0.2 mm, 0.6 mm, 0.8 mm
	Filament Cutter	Yes
	Filament Diameter	1.75 mm
Heatbed	Compatible Build Plate	Bambu Cool Plate, Bambu High Temperature Plate Bambu Textured PEI Plate, Bambu Smooth PEI Plate Bambu Engineering Plate(The otherside of Cool/High Temperature Plate)
	Max Build Plate Temperature	110°C @220 V, 120°C @110 V
Speed	Max Speed of Tool Head	500 mm/s
	Max Acceleration of Tool Head	20 m/s ²
	Max Hot End Flow	32 mm ³ /s @ABS (Model: 150 x 150 mm single wall; Material: Bambu ABS; Temperature: 280°C)
Cooling	Part Cooling Fan	Closed Loop Control
	Hot End Fan	Closed Loop Control
	Control Board Fan	Closed Loop Control
	Chamber Temperature Regulator Fan	Closed Loop Control
	Auxiliary Part Cooling Fan	Closed Loop Control
	Air Filter	Activated Carbon Filter
Supported Filament	PLA, PETG, TPU, ABS, ASA, PET	Yes
	PA, PC	Ideal
	Carbon/Glass Fiber Reinforced Polymer	Ideal
Sensors	Bambu Micro Lidar	Yes
	Chamber Monitoring Camera	1920 x 1080 Included
	Door Sensor	Yes
	Filament Run Out Sensor	Yes
	Filament Odometry	Optional with AMS
	Power Loss Recover	Yes
Physical Dimensions	Dimensions	389 x 389 x 457 mm ³
	Net Weight	14.13 kg
Electrical Requirements	Voltage	100-240 VAC, 50-60 Hz
	Max Power	1000 W @220 V, 350 W @110 V
Electronics	Display	5-inch 1280 x 720 Touch Screen
	Connectivity	Wi-Fi, Bambu-Bus
	Storage	4 GB EMMC and Micro SD Card Reader
	Control Interface	Touch Screen, APP, PC Application
	Motion Controller	Dual-Core Cortex M4
	Application Processor	Quad ARM A7 1.2 GHz
	Neural-Network Processing Unit	2 Tops
Software	Slicer	Bambu Studio Support third party slicers which export standard G-code such as Superslicer, Prusaslicer and Cura, but certain advanced features may not be supported.
	Slicer Supported OS	MacOS, Windows



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1 month

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DISTRICT ACTIVITY TO DATE

7/5/2024

WALS Program

- Half way completed

Equipment Used

- Airboat
- Argo
- Drone

Surveillance

- Trapping
 - Traps Set 443 Traps
 - Mosquitoes Collected 34,094 Mosquitoes
 - Mosquitoes Tested 59 Samples Tested
 - Virus
 - Mosquitoes WNV+ 0
 - Human WNV+ 0
 - Mosquitoes SLE+ 1 ~ Tulare
- CA Arbovirus Surveillance Bulletin #13
 - See attached.

Service Requests Year to Date

- 2024: 75
- 2023: 127
- 2022: 96
- 2021: 112
- 2020: 214

California Arbovirus Surveillance Bulletin #13

Week 27 Friday, July 5, 2024



WEEKLY UPDATE

Humans

No human infections have been reported in 2024.

Dead Birds

A total of 23 new West Nile virus (WNV) positive dead birds were reported from 5 counties: Alameda (1), Sacramento (6), San Bernardino (1), San Joaquin (2), and Santa Clara (13). In 2024, 84 WNV positive dead birds have been reported from 10 counties. At this time last year, 65 WNV positive dead birds had been reported from 11 counties.

Mosquito Pools

West Nile virus

A total of 66 new WNV positive mosquito pools were reported from 12 counties: Fresno (26), Kings (1), Los Angeles (2), Merced (1), Orange (1), Riverside (16), Sacramento (4), San Bernardino (5), San Joaquin (2), Stanislaus (4), Tulare (2), and Yolo (2). **This is the first detection of WNV positive mosquito pools for San Bernadino County and the first detection of WNV activity for Orange and Tulare counties this year.** In 2024, 269 WNV positive mosquito pools have been reported from 17 counties. At this time last year, 283 WNV positive mosquito pools had been reported from 16 counties.

St. Louis encephalitis virus

A single (1) new St. Louis encephalitis virus (SLEV) positive mosquito pool was reported from 1 county: Tulare (1). In 2024, 10 SLEV positive mosquito pools have been reported from 3 counties: Fresno (6), Imperial (1), and Tulare (3). At this time last year, 49 SLEV positive mosquito pools had been reported from 4 counties.

Sentinel Chickens

No seroconversions have been reported in 2024.

2023 & 2024 YTD West Nile Virus Comparisons		
	2023	2024
Total No. Dead Bird Reports	2,772	3,170
No. Positive Counties	17	20
No. Human Cases	0	0
No. Positive Dead Birds / No. Tested	65 / 607	84 / 791
No. Positive Mosquito Pools / No. Tested	283 / 19,332	269 / 18,678
No. Seroconversions / No. Tested	0 / 1,370	0 / 1,498