



FOUR RIVERS VECTOR CONTROL DISTRICT

56478 SOLAR DRIVE, BEND, OR 97707

WWW.FOURRIVERSMOSQUITO.ORG

Agenda

Board of Trustees –Regular Board Meeting

September 16, 2026 – 6:00 PM

- 1) **Call to Order 6:00PM**
- 2) **Roll Call**
- 3) **Approval of Agenda-Action**
- 4) **Approval of Minutes**
 - a) 08/19/2026 – Action
- 5) **Treasurer's / Financial Reports**
 - a) Financial/Banks Statements - Action
 - b) District Financial Balance Sheet - Action
 - c) Monthly Itemized Expenses – Action
- 6) **Committee Reports**
 - i) None
- 7) **Manager's Report/ Requests/ Consent - Action**
- 8) **Old Business**
- 10) **New Business**
 - a) SROA 2027 Contract Price Approval - Action
- 11) **Other Items**
- 12) **Public Comment (3 minutes per person)**
- 13) **Adjourn Meeting**
- 14) **Ethics Training Begins at 6:30PM**



FOUR RIVERS VECTOR CONTROL DISTRICT

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Minutes

Board of Trustees –Regular Board Meeting

August 19, 2026 – 6:00 PM

The District records the meetings and are posted on the District's YouTube channel in addition to these minutes:

<https://www.youtube.com/watch?v=ZUKQ5ZtQC1Q>

1) Call to Order

Meeting was called to order at 6:00PM by Chair Wild Crain

2) Roll Call

a) **Board:** Eva Wild Crain, Steve Emerson, Joe Tucker and Shawn Hill

i) **Absent:** None

b) **Staff:** Edward Horvath, Director

c) **Public:** 2

3) Approval of Agenda

Motion to approve the agenda as presented was made by Hill. The motion was seconded by Emerson and passed unanimously. **Yes:** Tucker, Emerson, Wild Crain. Hill **No:** None

4) Approval of Minutes

a) 07/15/2026

Motion to approve the minutes of July 15, 2026 by Emerson. The motion was seconded by Hill and passed unanimously. **Yes:** Hill, Emerson, Wild Crain, Hill **No:** None

5) Treasurer's / Financial Reports

a) Financial/Banks Statements

Motion to approve and accept the Financial Statements by Tucker. The motion was seconded by Emerson and passed unanimously. **Yes:** Tucker, Emerson, Wild Crain, Hill **No:** None

b) District Financial Balance Sheet

Motion to approve and accept the Financial Balance Sheets by Hill. The motion was seconded by Tucker and passed unanimously. **Yes:** Tucker, Emerson, Wild Crain, Hill **No:** None

c) Monthly Itemized Expenses

Discussion about an automatic payment that went out, Horvath requested refund.

Motion to approve and accept the bills paid and to be paid by Hill. The motion was seconded by Tucker and passed unanimously. **Yes:** Tucker, Emerson, Wild Crain, Hill **No:** None

Agenda is posted online at www.fourriversmosquito.org a minimum of 48 hours before the meeting.

6) Committee Reports

i) Finance Policy Amendment

Discussion Horvath submitted a policy amendment for purchase policy updates, to help be more secure. Adds credit card use policy and approval processes.

Motion to adopt Resolution 2026-08-001 amending Chapter 7 of our District Policy (Finance Policy) by Emerson. The motion was seconded by Tucker and passed unanimously. **Yes:** Tucker, Emerson, Wild Crain, Hill **No:** None

7) Manager's Report/ Requests/ Consent

Motioned to accept the Manager's Report by Tucker. The motion was seconded by Hill and passed unanimously.

Yes: Tucker, Emerson, Wild Crain, Hill **No:** None

8) Old Business

a) Ethic Training next month after Board Meeting

Discussion Horvath reminded the Board of mandatory Ethic Training next month after our regular meeting, at 6:30PM

b) Quote review (Megan Tucker)

Discussion Megan Tucker let us know that she has been busy and has not received a final quote. Asked what materials we want to use. Board let Megan know to get a mid-level material. Hoping to have a quote for the next meeting.

This discussion was tabled by Wild Crain.

10) New Business

a) Purchase New vehicle

Discussion Horvath presented the quote for a 2026 Ford Ranger, to purchase from Kendal Ford through the Oregon Buys State Bid. Discussion about which vehicles will be sold. Horvath said that the oldest may not be the first out due to some in worse condition than others.

Motioned to Purchase a new truck by Hill. The motion was seconded by Tucker and passed unanimously. **Yes:** Tucker, Emerson, Wild Crain, Hill **No:** None

b) Disposal of 2 vehicles

Motioned to dispose (sell) two (2) old fleet vehicles by Tucker. The motion was seconded by Hill and passed unanimously. **Yes:** Tucker, Emerson, Wild Crain, Hill **No:** None

c) Succession Plan

Discussion, Horvath presented his succession plan to ensure continuity of management in the case of inability to perform duties.

Motioned to accept and approve the Succession Plan as presented by Horvath by Tucker. The motion was seconded by Hill and passed unanimously. **Yes:** Tucker, Emerson, Wild Crain, Hill **No:** None

d) Contract with TRMVC Renewal

Discussion, Horvath presented a proposal to extend the Contract with Three Rivers Mosquito and Vector Control and Edward Horvath. Discussion to extend two (2) or three (3) years.

11) **Motioned** to approve an extension to the Contract with TRMVC for three (3) years by Tucker. The motion was seconded by Hill and passed unanimously. **Yes:** Tucker, Emerson, Wild Crain, Hill **No:** None

12) Other Items

Discussion Wild Crain was talked about making Policies and Job Descriptions to be updated and modernized.

13) Public Comment

One community member thanked Horvath for all the work. Horvath thanked Megan Tucker for her help with the bids, and contracting for building repairs.

14) Executive Session (ORS 192.660(2)(b))

The Chair called the Board into Executive Session at 6:38 p.m. to discuss an ethics complaint filed against former Board members. Members of the public were asked to leave the meeting room. No action was taken during the Executive Session. The Board returned to open session at 6:51 p.m., and members of the public were invited to rejoin the meeting.

15) Adjourn Meeting

Meeting was adjourned at 6:52PM by Chair Wild Crain.

The undersigned hereby certify that the foregoing Board Meeting Minutes constitute a true and correct record of the meeting proceedings and was approved at a meeting on September 16, 2026

This 16th day of September, 2026.

Edward Horvath
Clerk of the Board

September 16, 2026

Bills to Pay

Date	Vender	Item	Due	Check #	Amount
09/16/2026	Ed Staub	Fuel	07/10/2026	16842	\$ 243.39
09/16/2026	First Interstate	CC Bill	08/24/2026	16843	\$686.92
09/16/2026	TRMVC	Payroll and Cont Serv	7/15/2026	16845	\$25,479.26

Bills Paid since last meeting -Checking

09/02/2026	Kendal Ford	2026 Ford Ranger	09/02/2026	16841	\$36,449.54
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Disputed Charges

None

Credit Card Charges

Attached Statement

Monthly Management Report

Edward Horvath, TRMVC

Four Rivers Vector Control District (FRVCD)

Date: September 2026

Administrative & Financial Updates

Audit & Financial Reporting

Work continues with **Carolyn, the District's auditor** and Kim Price on the FY 2025-26 financial review and upcoming audit requirements.

A second CPA Kim Price, is also assisting with preparation of the financial reports necessary for the **FY 2025-26 Agreed Upon Procedures (AUP)**. This additional assistance should help ensure the District's financial information is properly organized and presented as we continue improving the District's accounting and reporting processes.

We are still waiting for financial information from **Chris, the District's previous auditor/CPA**. These records are needed to complete portions of the financial reporting process. We will continue working to obtain the information and move the process forward.

Financial Management

With seasonal operations winding down, expenses should begin decreasing substantially.

The focus through the fall and winter will remain on:

- Completing necessary financial reporting
 - Continuing improvements to accounting procedures
 - Maintaining accurate and timely financial records
 - Controlling nonessential expenditures
 - Planning appropriately for the 2027 mosquito season
 - Preparing for the FY 2027-2028 Budget process
-

Management & District Planning

Seasonal Transition

Following **Labor Day**, seasonal staffing was reduced to minimal levels.

Remaining staff will focus primarily on:

- Responding to resident service requests
- Mosquito surveillance as needed
- Limited treatments when justified

- Equipment maintenance
- Vehicle maintenance
- Winterization
- Facility and operational projects

This transition allows the District to reduce payroll while maintaining sufficient capability to respond if late-season mosquito activity occurs.

The District Manager Horvath will maintain management, but reduce his on site hours through the winter.

Technology & Communications

Service Request System

The District's website, text-enabled phone system, answering service, and FieldSeeker service request system continue to provide residents with several convenient methods for contacting the District.

With mosquito activity remaining low, service requests have also remained minimal.

The relatively low number of complaints corresponds with our trapping and field observations and provides another useful indicator of overall mosquito activity.

We will maintain the call center through the winter since the costs vs benefit has been substantial. Will change the greeting as needed.

Staffing & Payroll

Seasonal Staffing Reduction

Seasonal staffing has now been reduced to minimal levels following Labor Day.

Rather than maintaining unnecessary staffing through the remainder of the season, employees will be scheduled according to actual operational needs.

Remaining seasonal work will primarily include:

- Service request response
 - Equipment cleanup and winterization
 - Vehicle maintenance and cleaning
 - Facility maintenance
 - Limited surveillance and treatment
-

Equipment & Fleet Management

2026 Ford Ranger

The District's new **2026 Ford Ranger has been purchased.**

The vehicle is now being prepared for District operations. Planned additions include:

- District branding
- FieldSeeker/GPS tracking equipment
- Bed liner
- Tow Hitch

Branding has been delayed due to materials being backordered. I anticipate completing these improvements over approximately the next month as materials and scheduling allow.

The addition of this vehicle represents the first step in the District's planned fleet modernization program.

Fleet Replacement Plan

Our long-term goal remains to develop a dependable, mission-ready fleet rather than continuing to invest heavily in vehicles that have reached the end of their practical service life.

The current replacement strategy remains:

- **FY 2026-27:** 2026 Ford Ranger purchased - Dispose of two (2) vehicles
- **FY 2027-28:** Plan and budget for a second replacement vehicle – Dispose of one (1) vehicle
- Continue gradually replacing the least reliable vehicles as financially appropriate

This approach spreads replacement costs over multiple fiscal years and should reduce unexpected repair costs and operational downtime.

Equipment & Facilities

Fall Maintenance & Winterization

As seasonal operations slow, attention is shifting toward equipment maintenance and winterization.

Plans include:

- Cleaning and winterizing foggers
- Servicing larviciding equipment
- Completing needed equipment maintenance/upgrades
- Updating equipment maintenance records
- Preparing vehicles for winter
- Detailing District trucks

The goal is to have equipment properly serviced and stored so that we enter the 2027 season with equipment that is ready for operation rather than beginning the spring with unresolved maintenance issues.

Vehicle Maintenance

Necessary vehicle maintenance will continue throughout the fall as scheduling and resources allow.

Our maintenance program continues emphasizing preventive maintenance and documentation rather than waiting for equipment or vehicles to fail.

Mosquito Surveillance & Field Operations

Mosquito Activity

Mosquito activity remains **very low throughout the District**.

Service requests have remained minimal and generally correspond with what staff are seeing in the field.

Weekly trapping has also demonstrated low populations, with most traps collecting only approximately **one to two dozen mosquitoes at most**.

These numbers support what we are hearing from residents and seeing during field inspections: overall mosquito populations remain substantially controlled.

We will continue to trap and monitor mosquito populations till the end of September (weather permitting).

Late-Season Operations

Although mosquito populations remain low, staff will continue monitoring conditions and responding to service requests as needed.

Late-season treatments will be based on:

- Service requests
- Surveillance results
- Field observations
- Mosquito population thresholds

The focus will remain on responding when necessary without conducting treatments that are not operationally justified.

Regulatory Compliance

USFS Annual Report

Status: Submitted

Our Annual report to the USFS as required by our SROA contract has been completed and submitted for acceptance.

NPDES Reports

Status: Ongoing

NPDES permit reports will be completed in October/November.

Community Outreach & Partnerships

Sunriver Owners Association

I met with **Patty from the Sunriver Owners Association (SROA)** to discuss the 2026 mosquito season.

SROA remains **very pleased with the results** and the overall level of mosquito control provided this year.

I advised her that the District will prepare and present a proposal for mosquito control services for the **2027 season**.

The goal will be to build on what worked well this year while identifying opportunities to improve service and operational efficiency for next season.

Community Response

Overall resident feedback continues to be positive, and mosquito complaints remain minimal.

The combination of improved customer service, rapid response, proactive larval control, and increased communication appears to have contributed to a successful season.

Public Education

We have been working on brochure ideas and will be upgrading the website to include more public educational information through the winter. We are also planning for informational fliers at community notice boards.

Professional Development

Oregon Pest Control Association

Staff will attend the Oregon Pest Control Association CEU training in Newport immediately before the September Board meeting.

Northwest Mosquito & Vector Control Association

The **October Board meeting again coincides with the Northwest Mosquito & Vector Control Association Annual Meeting**.

This occurred last year as well, when I attended the Board meeting remotely from Idaho.

I anticipate attending the NWMVCA Annual Meeting again this year. **Danta Smith is expected to attend the FRVCD Board meeting in person**, providing on-site management representation if I am participating remotely.

Financial Planning & Cost Management

The reduction in seasonal staffing should result in a significant decrease in payroll and field operating expenses beginning in September.

Fall expenditures will shift primarily toward:

- Necessary vehicle and equipment maintenance
- Winterization

- Facility maintenance
- Financial and audit work
- Planning for the 2027 season

The District will continue spending where necessary to protect equipment, facilities, and operational readiness while avoiding unnecessary off-season expenses.

Operational Priorities

As we transition out of peak mosquito season, management priorities are shifting toward:

1. Maintaining responsive customer service through the remainder of the season
 2. Completing equipment and vehicle winterization
 3. Completing necessary preventive maintenance
 4. Advancing the FY 2025-26 financial reporting and audit process
 5. Continuing fleet and equipment modernization
 6. Planning operational and staffing needs for 2027
 7. Developing the FY 2027-2028 Budget
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Closing Summary

The District is transitioning out of the primary 2026 mosquito season in a strong operational position. Mosquito populations and resident complaints remain very low, and feedback from SROA and the community continues to be positive.

With seasonal staffing now reduced, attention will increasingly shift toward winterization, preventive maintenance, financial reporting, and preparation for 2027. The purchase of the new Ford Ranger represents another important step toward developing a reliable fleet, while continued work with the auditor and CPA will help strengthen the District's financial systems.

Our priorities remain consistent: **responsive customer service, effective mosquito control, responsible financial management, regulatory compliance, and maintaining equipment and infrastructure so the District is prepared for future seasons.**

Respectfully submitted,

Edward Horvath

TRMVC

Four Rivers Vector Control District Management Support

Activity Summary

Date Range: 8/1/2026 Through 8/31/2026

# Service Requests		12
	DRRH	6
	River Meadows	2
	Unit 2	2
	Unit 6	1
	Whittier	1

Rainfall Averages		#DIV/0!
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# of Landing Rates		0
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		# Trap Collections	
Trap Collections		35	CO2
	DRRH	8	8
	Fountainbleau	3	3
	Gun Streets	4	4
	Lazy River South NE	4	4
	Pace_Est	3	3
	Sunriver	4	4
	Thousand Trails	4	4
	Unit 2	5	5

Inspections		# Inspections
		226
	Crosswater	28
	DRRH	10
	Fountainbleau	1
	Gun Streets	15
	Lazy River East	9
	Lazy River South NE	13
	Lazy River South NW	7
	Lazy River South SE	8
	Lazy River South SW	14
	Lazy River West	26
	River Forest Acres	3
	River Meadows	10
	Thousand Trails	21
	Unit 1	21
	Unit 2	12
	Unit 6	23
	USFS	2
	Whittier	3

Treatments		#Treatments		Acres	ATV	Acres	Manual	Acres
		38	34	1779.04	1	199.88	3	0.03
	Crosswater	4	3	221.86	1	199.88	0	
	DRRH	5	5	596.54	0		0	
	Fountainbleau	1	1	24.39	0		0	
	Gun Streets	3	3	66.91	0		0	
	Lazy River East	1	1	7.24	0		0	
	Lazy River South NE	2	2	21.78	0		0	
	Lazy River South NW	1	1	143.70	0		0	
	Lazy River South SW	1	1	154.15	0		0	
	River Forest Acres	2	2	0.65	0		0	
	River Meadows	3	3	130.07	0		0	
	Sunriver	2	2	87.25	0		0	
	Thousand Trails	5	4	100.55	0		1	0.03
	Unit 2	8	6	223.96	0		2	0.00



Chemical Use Summary

Date Range: 8/1/2026 Through 8/31/2026

Equipment Used	Product	# Applications	Total Amount	Units		Acres Treated	EPA Reg No	Activity
	Altosid XR Briquet	2	2.00	briquet		0.00459	2724-421	
	Aqua-Reslin	1	139.76	fl oz	1.09 gal	200.56270	432-796	ULV
	PermaSease 4-4	31	644.50	fl oz	5.04 gal	1577.82737	86291-3-96263	ULV
	VectoBac G	3	6.80	lb		0.68000	73049-10	
ULV	Aqua-Reslin	1	173.25	fl oz	1.35 gal	199.88000	432-796	ULV
Total Treatments: 38								
Total Acres Treated: 1978.9546591								



Service Request Summary Report

Created On: 9/9/2026 08:07 PM

Date Range: 8/1/2026 Through 8/31/2026

Month	Zone	Zone2	Target	Source	# Requests	# Open	# Closed	Ave. Time To Close
August 2026	DRRH	DRRH	No Spray	Website	2	0	2	0.0:0:0
		DRRH	Notification	Website	2	0	2	0.0:0:0
		DRRH	Truck Fog	Website	2	0	2	2.16:7:42
			Summary		Total : 6	Total : 0	Total : 6	
	River Meadows	River Meadows	Notification	Website	2	0	2	0.0:0:0
			Summary		Total : 2	Total : 0	Total : 2	
	Unit 2	Unit 2	Notification	Website	2	0	2	0.0:0:0
			Summary		Total : 2	Total : 0	Total : 2	
	Unit 6	Unit 6	Truck Fog	Website	1	0	1	16.3:49:26
			Summary		Total : 1	Total : 0	Total : 1	
	Whittier	Whittier	Notification	Website	1	0	1	0.0:0:0
			Summary		Total : 1	Total : 0	Total : 1	
	Total				Total : 12	Total : 0	Total : 12	

Scope of Services

Integrated Pest Management (IPM) Mosquito Control Services

Prepared for: Sunriver Owners Association (SROA)

Prepared by: Four Rivers Vector Control District (FRVCD)

2027 Seasonal Budget: \$90,300.00 per season

1. Introduction

The Four Rivers Vector Control District (FRVCD) will provide comprehensive Integrated Pest Management (IPM) mosquito control services for the Sunriver Owners Association (SROA). The objective is to manage mosquito populations using environmentally responsible and scientifically based methods that protect public health while minimizing impact on residents and guests.

2. Scope of Work

FRVCD will implement a flexible IPM program combining larviciding, adulticiding, surveillance, and public education. Services are designed to provide the best mosquito population reduction possible within the available budget, without guaranteeing mosquito-free conditions. Work will adapt to real-time field data, weather, and mosquito population trends.

3. Timing and Flexibility of Services

Timing is critical in mosquito control; optimal results depend on biological and environmental factors including temperature, precipitation, and mosquito breeding cycles. Control activities will be fluid and responsive — allocations between larviciding, adulticiding, and fogging may shift as population levels, complaints, and event schedules evolve. The District will provide regular updates to SROA on progress, operational focus, and acreage completed. Adjustments will be made as needed to remain within budget and accomplish the mission.

4. Larviciding Operations

Start Date: March

Methods:

- Ground and aerial larviciding using contracted drone and/or manned aircraft.
- Up to 300 acres per month of aerial larviciding (proposed and estimated).

Objective: Target mosquito larvae before adult emergence to reduce overall population pressure.

Flexibility: Acreage may vary month to month based on habitat and larval presence.

5. Adulticiding and Fogging Operations

Operational Period: May through Labor Day

Fogging Area: Up to 1,000 acres per night, as needed.

Frequency: Approximately one night per week, based on mosquito populations, resident complaints, and community events.

Seasonal Maximum: Up to 13,000 acres per season. Additional fogging above 10,000 acres will be billed at \$3.50 per acre.

Equipment: Truck-mounted and/or ATV-mounted ultra-low volume (ULV) foggers.

Considerations: Timing will minimize disruption to residents and guests. Spraying will not cover every road, focusing instead on population centers and complaint zones.

6. Public Notification and Communication

The District will maintain a mosquito control website to provide public education, operational updates, and fogging schedules. Text alerts will be available for residents wishing to receive advance notification prior to spraying activities. Special timing requests (e.g., large outdoor events) must be submitted at least one week in advance. The District will coordinate closely with SROA to communicate updates and manage expectations.

7. Reporting and Updates

FRVCD will issue progress reports summarizing treatment areas, acreage, and operational focus as requested. Adjustments to control strategies will change to meet budgetary and mission needs.

8. Budget and Payment Terms

Total Contract Amount: \$90,300.00 per season

An **increase** of approximately **4%** has been included to account for inflation.

Billing Structure:

Flat-rate, two payments:

- First Payment: Upon contract signing (No later than March 1st)
- Second Payment: August 1st

If operational needs are projected to exceed the annual budget, FRVCD and SROA will jointly determine whether to adjust the scope or increase funding. All adjustments will be discussed in advance.

9. Performance Statement

FRVCD will use best professional practices and integrated control strategies to minimize mosquito populations. Mosquito-free results are not guaranteed due to variable environmental and biological

factors. The District's goal is to provide the most effective and balanced program within the agreed budget. Four Rivers Vector Control District outsources management and control to Three Rivers Mosquito and Vector Control. TRMVC represents the District with operations and Management.

10. Pricing and Services Provided

The following table outlines the proposed 2027 mosquito control service components and associated costs for Sunriver Owners Association. These are the estimated expenditure line items for the overall cost of the Mosquito Control Program and FRVCD may modify between activities to ensure the most cost-effective program possible. These costs are based on projected service levels under the Integrated Pest Management (IPM) program and may be adjusted based on mosquito activity, weather, or operational needs.

Item/Service	\$/Unit	Units	Amount of Units	Annual Cost	Explanation
Management	\$6,000.00	Season	1	\$6,000.00	Management of the vector Program within Sunriver. Oversight, reporting for regulatory agencies, scheduling, planning and directing operations.
Administrative	\$11,000	Season	1	\$11,000	Liability insurance, permit and compliance fees associated with work for SROA.
ULV Fogging	\$3.50	Acre	13,000	\$35,000.00	Planning, executing and reporting of ULV fogging
Larviciding, Inspections and Prevention					
Inspections	\$25.00	Hour	168	\$4,200.00	Inspections, weekly, April-August
Ground Larvicide	\$95.00	Acre	125	\$11,875.00	Larviciding with Bti/Bs granular
Drone Larvicide	\$135	Acre	275	\$37,125.00	Larviciding with Bti/Bs granular/liquid via small UAV
Helicopter applications	\$200.00	Acre	0	0	If needed, estimated cost
Point Sites	\$15.00	Each	150	\$2,250.00	Treatment of point sites for larvae
Total for All Services Above				\$107,450.00	The above are maximum individual limits. The above does not represent to total control efforts. Individual Line items will be adjusted to meet the budget.
2027 Budget				\$90,300.00	

All listed services include associated labor, materials, and contracted aerial or ground application services. Four Rivers Vector Control District (FRVCD) reserves the right to outsource any and all components such as aerial and ground applications to ensure safety, compliance, and operational efficiency.