

794th Regular Meeting
Northwest Mosquito and Vector Control District
April 16th, 2026

AGENDA

794th REGULAR MEETING

NORTHWEST MOSQUITO AND VECTOR CONTROL DISTRICT

1966 COMPTON AVENUE, CORONA, CA 92881

Thursday, April 16, 2026

Zoom Teleconference Information

Meeting ID: 389 155 8737

Trustee Silva will be attending remotely from 8930 Limonite Ave. Jurupa Valley, CA 92509.

- 1. Call to Order:** 3:00 PM
- 2. Pledge of Allegiance:** Trustee Tisdale
- 3. Roll Call/Introductions:**
- 4. Public Comments or Questions:** This is the time when person(s) in the audience who wish to address the Board regarding a matter on the agenda or new items may speak. A member of the Public will be allowed up to three minutes or time at the discretion of the President of the Board of Trustees to address the Board. Individuals may not share their time with another speaker. Each speaker will specify an agenda item or matter within the subject matter jurisdiction of the Board that he/she will address. The public comment portion of the agenda shall only be used as an opportunity by the public to directly address the Board on items of interest to the public that are within the subject matter jurisdiction of the Board. All comments shall be made in a civil manner without profanity. Any individual who willfully interrupts or disrupts the meeting may be removed and subject to criminal prosecution.
- 5. Consent Calendar:** All items under the Consent Calendar are considered routine and may be enacted by one motion, unless a request is made to remove an item from the Consent Calendar for consideration by a separate action.
 - A. Minutes Regular Board Meeting No. 793rd, March 21st, 2026
 - B. Northwest MVCD Treasurer's Dashboard-March 2026
 - C. March 2026 Operations Report/Field Activities
 - D. March 2026 Laboratory Report
 - E. Travel reimbursement, Trustee Su, AMCA 2026

F. Travel reimbursement, Trustee Jimenez-Hernandez, AMCA 2026

6. Presentation:

A. MVCAC 2026, Staff Report

7. Items for Action:

- A. Approval of insulation installation bid
- B. Discussion about changing the time for the Regular Board of Trustees meeting
- C. Review of scheduling procedures for Ad Hoc committee meetings
- D. Revisit the trustee travel policy

8. Reports:

- A. Trustees: Dr. Su, AMCA 2026
- B. District Manager:
- C. Staff:

9. Informational:

A.

10. Other Business:

A. Request for future Agenda items

11. Adjournment: The next regular meeting will be on Thursday, May 21, 2026, at 3:00 PM, located at 1966 Compton Avenue, Corona, California. It is the intent of the Northwest Mosquito and Control District (NWMVCD) to comply with all applicable aspects of the Americans with Disabilities Act. If you plan to attend this meeting and need special assistance due to a disability, please contact the District at (951)340-9792 at least 48 hours prior to the meeting. NWMVCD will attempt to reasonably accommodate your request.

Notice: Agenda materials are available for inspection by members of the public at 1966 Compton Avenue, Corona, California, during the hours of 8:00 AM to 3:00 PM, Monday through Friday, after their posting.

Minutes of the 793rd Board Meeting
Board of Trustees
Northwest Mosquito and Vector Control District

Time: 3:00 PM, Thursday, March 19th, 2026

Place: Northwest Mosquito and Vector Control District

1966 Compton Ave. Corona, CA 92881

Zoom Teleconference Meeting ID: 3891558737

Trustees Present:	Nancy Jimenez-Hernandez	Corona	Board President
	Guillermo Silva	Jurupa Valley	Board Vice President
	Steven Su, Ph.D.	Riverside County	Board Secretary
	Dale Welty	Canyon Lake	Trustee
	Brian Tisdale	Lake Elsinore	Trustee
	Gregory Bowen	Norco	Trustee
	Cint Lorimore	Eastvale	Trustee
	Philip Falcone	Riverside	Trustee

Trustees Absent

Staff Present:	Mark Breidenbaugh, Ph.D.	District Manager (DM)
	Nikia Smith	Director of Operations (DOO)
	Eric Ballejos	Director of Administration (DOA)
	Chloe Wang, Ph.D.	Director of Scientific Programs

Others Present: Mr. Wang and Ms. Gun from Hong Kong, Steve Corona, James Coolidge(virtual)

1. Call to order:

President Jimenez-Hernandez called the meeting to order at 3:01 PM.

2. Pledge of allegiance:

The Pledge of Allegiance was led by Trustee Bowen.

3. Roll call and introductions:

At the time of roll call, Trustees Bowen, Lorimore, Su, Welty, Tisdale, Jimenez-Hernandez, Falcone, as well as the District Manager, Director of Operations, Director of Scientific Programs, and Director of Administration were present. Trustee Silva participated remotely from Jurupa Valley City Hall, and he joined the meeting at 3:00 PM.

4. Public Comments and introductions:

Mr. Steve Corona introduced himself to the trustees and asked for the nomination for item #7. D.

5. Consent Calendar:

Motion by Trustee Su to approve all items on the Consent Calendar; second by Trustee Tisdale. Passed unanimously by a roll call vote as follows: yes, by Trustees Bowen, Jimenez-Hernandez, Lorimore, Su, Tisdale, Falcone, Silva, and Welty.

6. Presentation:

Presentations were moved to District Manager report.

7. Items for action:

- A. Reports from the Ad Hoc Committee's
 - i. Ad Hoc Interim Administration Committee
 - ii. Ad Hoc District Counsel Review Committee

Reportable actions: Ad Hoc Interim Administration Committee, made a recommendation for item #5. B.

The Ad Hoc District Counsel Review committee recommended that District staff produce a review evaluation and distribute it to the board for review.

- B. Resolution 606. Temporary modification of job description for Director of Operations; temporary modification of work schedule for District Manager; and update to Northwest MVCD salary schedule.

Motion by Trustee Falcone to approve resolution; second by Trustee Welty. Passed unanimously by a roll call vote as follows: yes, by Trustees Bowen, Jimenez-Hernandez, Lorimore, Su, Tisdale, Falcone, Silva, and Welty.

- C. Local Area Investment Fund-Update approved signers

Motion by Trustee Welty to approve action item; second by Trustee Su. Passed unanimously by a roll call vote as follows: yes, by Trustees Bowen, Jimenez-Hernandez, Lorimore, Su, Tisdale, Falcone, Silva, and Welty.

D. LAFCO- Election of Regular Special District Member, Western Riverside

This Board of Trustees ranked the nominees as follows: 1. Mr. Steve Corona, 2. Mr. Larry Smith, and 3. Ms. Leslie Altamirano is to be their nominee. The board did not choose to rank additional nominees.

Motion by Trustee Tisdale to approve nomination; second by Trustee Su. Passed unanimously by a roll call vote as follows: yes, by Trustees Bowen, Jimenez-Hernandez, Lorimore, Su, Tisdale, Falcone, Silva, and Welty.

E. Approve bid for the installation of shop roof insulation

Action: Bid was declined by the board, more information, including the type of insulation, and a more accurate scope of work will be needed in future quotes.

F. Discussion about District expansion

Action: To create an Ad Hoc committee consisting of Trustees Tisdale, Falcone, and Jimenez-Hernandez.

Motion by Trustee Jimenez-Hernandez to approve committee creation; second by Trustee Falcone. Passed unanimously by a roll call vote as follows: yes, by Trustees Bowen, Jimenez-Hernandez, Lorimore, Su, Tisdale, Falcone, Silva, and Welty.

8. Reports:

Board Reports: No additional board reports were given.

District Manager: The DM presented the Board of Trustees with the Department of Defense Patriotic Employer Award. Since this award is for the supervisor(s) of the military reservist, each trustee received an award. He thanked the Board for their support for his upcoming deployment.

District Staff: New Director of Scientific Programs, Dr. Chloe Wang, gave an introductory presentation. She thanked District leadership and looks forward to working with the Board and District staff.

9. Informational:

A. Form 700

B. SB 827: Expansion of AB 1234, ethics training for newly appointed board members.

10. Other business:

Agenda Items: Reevaluate changing the time and day of the meeting due to schedule conflicts and traffic congestion.

11. Adjournment:

The meeting was adjourned by Secretary Su at 4:46 PM. The next scheduled meeting will be at 3:00 pm on April 16th, 2026, at the District Boardroom.

NWMVCD Treasurer's Dashboard Report - March 2026

Account Balances as of February 28, 2026

Institution	Identification	Percent of Total	Balance
LAIF	Common Investments	83.99%	10,957,394.31
Riverside County	Fund 51255	0.21%	27,502.05
Citizens Business Bank	General Operating Account	12.63%	1,647,003.79
Citizens Business Bank	Payroll Account	1.78%	232,097.65
Citizens Business Bank	Money Market Account	0.08%	11,036.65
VCJPA	Common Investments	1.31%	170,487.00
CalPERS	CERBT (Restricted)	0.00%	-
		100.00%	\$ 13,045,521.45

MONTHLY REVENUE

Date	Received From	GL Acct #	Description	Amount
03/13/2026	County of Riverside	4704000	Taxes - Current Supp	11,599.44
03/20/2026	County of Riverside	4705000	Taxes - Prior Supp	1,965.56
03/02/2026	SCI Consulting	4770100	Special Assessments	1,121.29
03/13/2026	State of CA	4770100	Special Assessments	36.16
03/16/2026	CA Air Resources Board	4770100	Special Assessments	14.65
03/10/2026	Riverside County Parks	4777520	Charges for Current Srvcs	42.97
03/31/2026	Other Interest	4740032	Interest	0.97
Total				\$ 14,781.04

MONTHLY EXPENSES

Account Number	Category	Amount
1-510040	Salaries - Regular	157,679.93
1-510080	Salaries - Extra Help	6,977.20
1-510320	Salaries - Temporary	800.00
1-513000	Retirement - PERS	12,530.77
1-513120	Retirement - OASDI	9,434.19
1-513130	Retirement - 401a	4,087.06
1-513140	Payroll Tax - Medicare	2,206.36
1-515080	Insurance -Employee Group	38,044.68
1-515260	Insurance - Unemployment	668.55
2-524500	Operational expenses	38,958.35
2-524520	Administrative expenses	24,216.30
2-529540	Utilities	3,260.00
9-546020	Structure/Improvement	-
Total		\$ 298,863.39

Account Balances as of March 31, 2026

Institution	Identification	Percent of Total	Balance
LAIF	Common Investments	85.91%	10,957,394.31
Riverside County	Fund 51255	0.22%	27,502.05
Citizens Business Bank	General Operating Account	10.24%	1,306,454.85
Citizens Business Bank	Payroll Account	2.21%	281,896.22
Citizens Business Bank	Money Market Account	0.09%	11,037.62
VCJPA	Common Investments	1.34%	170,487.00
CalPERS	CERBT (Restricted)	0.00%	-
		100.00%	\$ 12,754,772.05

Notes to the Treasurers Report:

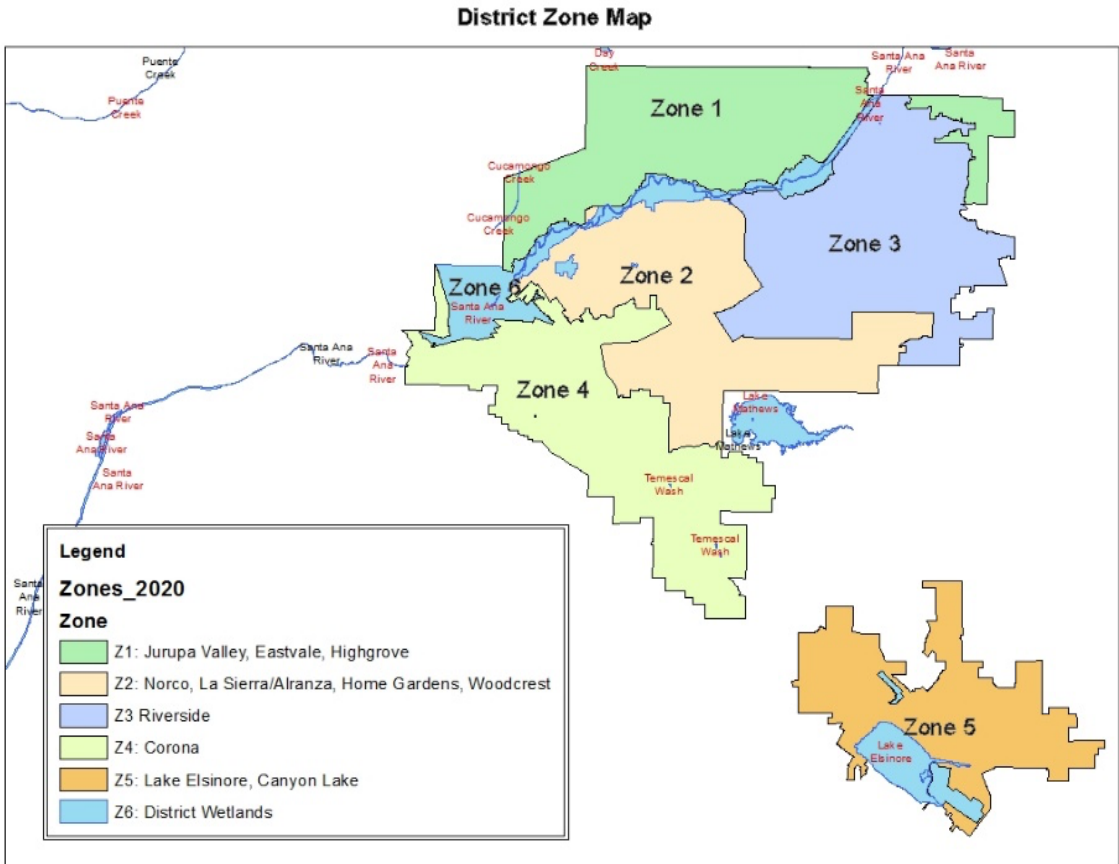
	Variance	\$ 6,667.05
Change in AP from Prior Month		(8,991.12)
Change in AR from Prior Month		(14.65)
Change in Payroll Liabilities from Prior Month		2,338.72
Capital Expenditures		-
	Adjusted Variance	\$ 0.00

OPERATIONS REPORT
March 2026

Nikia Smith
Director of Operations

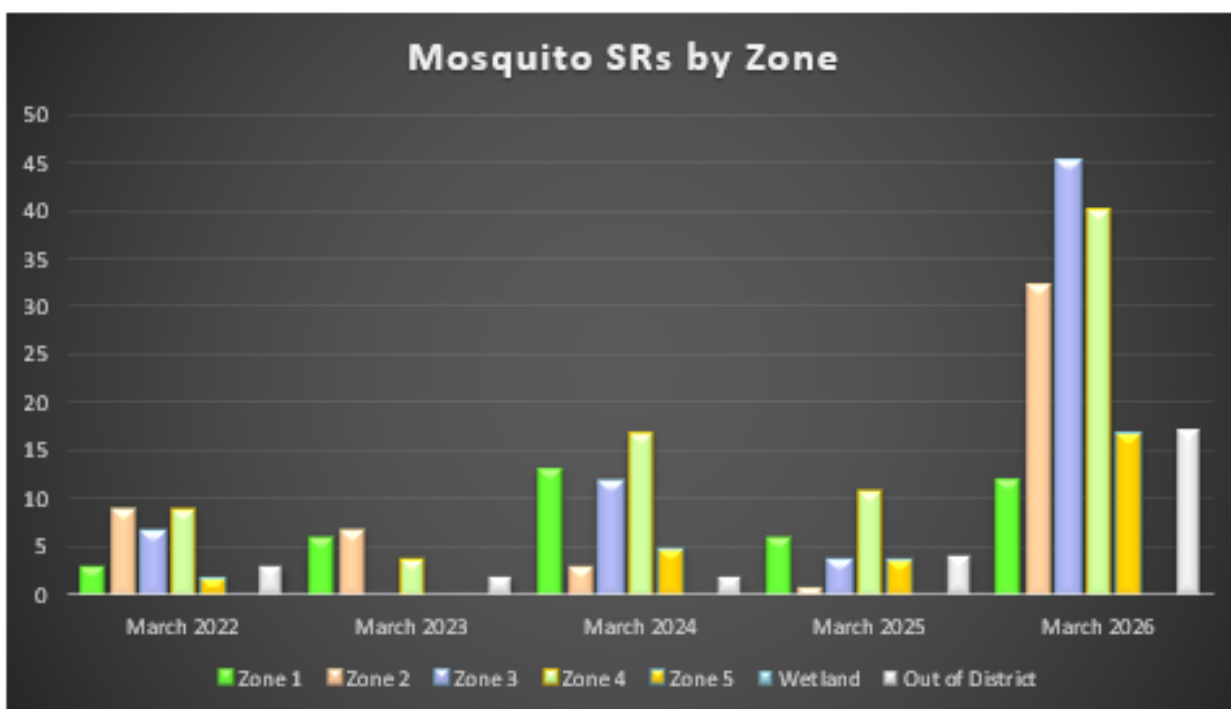
Service Requests

In March, a total of 245 service requests (SRs) were received, representing a 131% increase compared to the 106 SRs reported in March of the previous year. This continues the upward trend in service requests observed throughout 2026. Of the March SRs, 67% were related to mosquitoes, 14% to bees, and 8% to fish, an increase of 171% compared to last March. The rise in mosquito fish requests likely correlates with early mosquito breeding activity this year, as well as the increase in mosquito-related complaints. The remaining 3% of requests involved flies and other vectors.



Mosquito SR by Zone

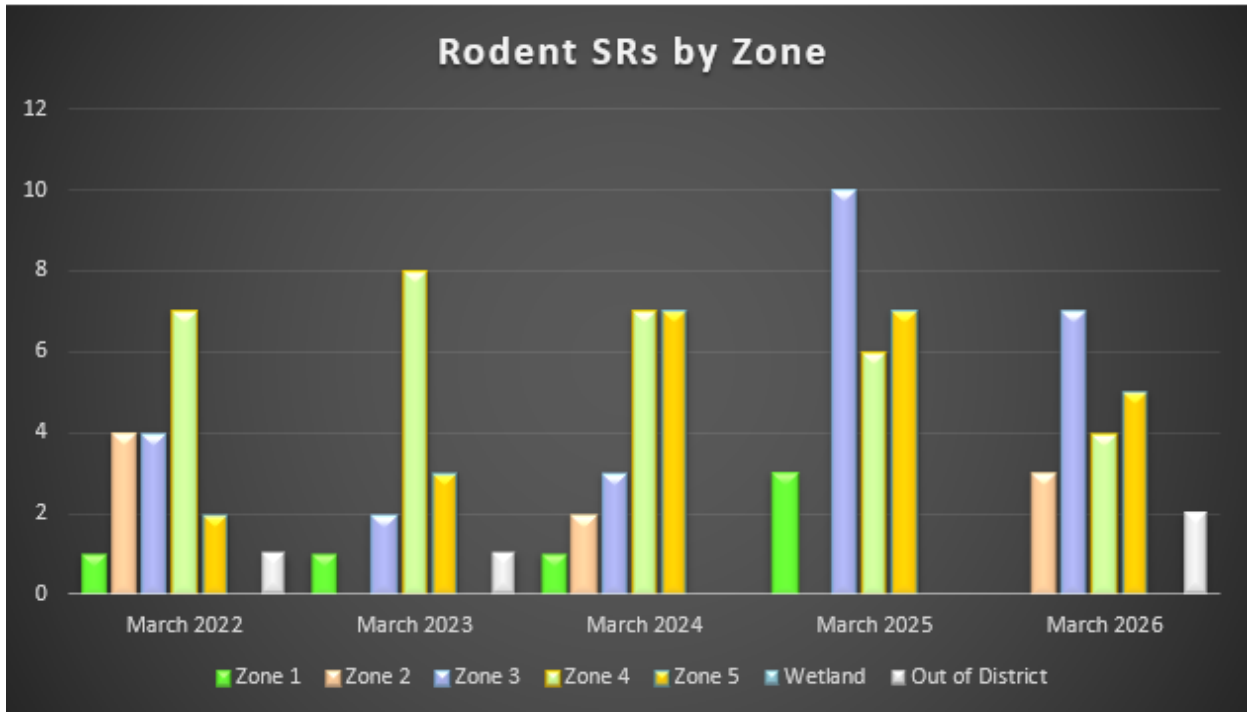
Year	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Wetland	Out of District	Totals
March 2022	3	9	7	9	2	0	3	33
March 2023	6	7	0	4	0	0	2	19
March 2024	13	3	12	17	5	0	2	52
March 2025	6	1	4	11	4	0	4	30
March 2026	12	32	45	40	17	0	17	163
Total	40	52	68	81	28	0	28	297
% of calls received	13%	18%	23%	27%	9%	0%	9%	



Mosquito SRs increased notably in March 2026, reflecting a seasonal rise in mosquito activity across the district. A total of 163 SRs were recorded, representing a significant increase compared to March totals in previous years, which ranged from 19 to 52 calls. This marks the highest March activity level in the past five years. When compared to the five-year March average of 34 calls, March 2026 experienced a 379% increase, highlighting a substantial surge in service demand district-wide.

Rodent SR by Zone

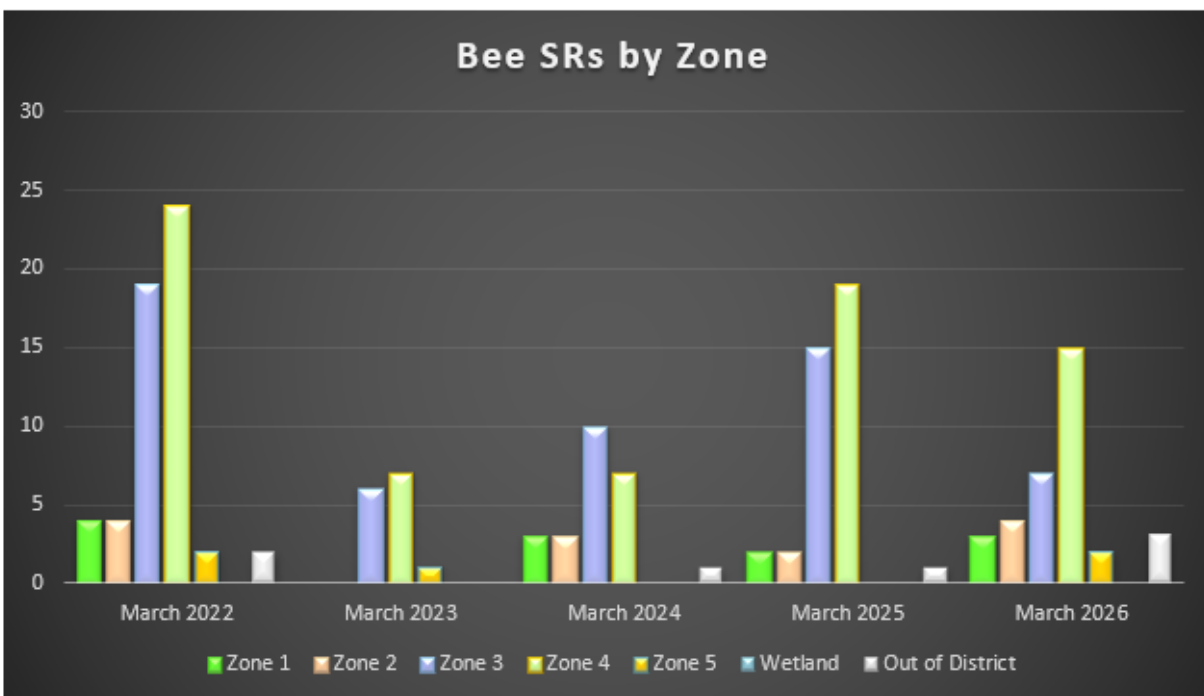
Year	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Wetland	Out of District	Totals
March 2022	1	4	4	7	2	0	1	19
March 2023	1	0	2	8	3	0	1	15
March 2024	1	2	3	7	7	0	0	20
March 2025	3	0	10	6	7	0	0	26
March 2026	0	3	7	4	5	0	2	21
Total	6	9	26	32	24	0	4	101
% of calls received	6%	9%	26%	32%	24%	0%	4%	



Rodent-related SRs in March 2026 totaled 21 calls, reflecting moderate activity across the district. This represents an increase from February 2026 levels, indicating a slight upward trend in service demand as seasonal conditions change. When compared to the five-year March average of approximately 20 calls, March 2026 shows a modest increase of about 5%, suggesting that current activity levels are generally in line with historical norms for this time of year.

Bee SR by Zone

Year	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Wetland	Out of District	Totals
March 2022	4	4	19	24	2	0	2	55
March 2023	0	0	6	7	1	0	0	14
March 2024	3	3	10	7	0	0	1	24
March 2025	2	2	15	19	0	0	1	39
March 2026	3	4	7	15	2	0	3	34
Total	12	13	57	72	5	0	7	166
% of calls received	7%	8%	34%	43%	3%	0%	4%	



Bee-related SRs in March 2026 totaled 34 calls, indicating moderate activity across the district. This represents a slight decrease compared to February 2026 levels but remains consistent with expected seasonal patterns as bee activity transitions into early spring. When compared to the five-year March average of 33 calls, March 2026 reflects a minimal 3% increase, demonstrating that current demand is closely aligned with historical norms for this time of year.

Source Inspections & Treatments

In March 2026, district staff conducted 2,743 inspections of stagnant water sources and treated 552 sources for mosquito production, with 20% of inspected sources actively producing mosquitoes. This percentage is elevated for this time of year and is consistent with field observations indicating increased mosquito production across all areas of the district. Additionally, neighboring vector control agencies have reported similar trends, suggesting a broader regional pattern of elevated mosquito activity. The district will continue to monitor conditions closely to determine whether this increase persists into the summer months.

In Zone 1 (Eastvale and Jurupa Valley), staff conducted 474 inspections and treated 103 sources, with 22% of inspected sources actively producing mosquitoes. Control measures were also applied to 1.86 acres of standing water. This elevated percentage of breeding sources is consistent with field observations reported by the assigned technician, indicating increased mosquito production during March. The technician noted that while catch basins remain primary treatment sites in the City of Eastvale, flood control channels and drainage ditches are more prominent sources of mosquito production in Jurupa Valley, requiring targeted control efforts. A notable site of ongoing focus is a recycling facility located off Winslow Avenue near the Jurupa–Riverside border. This facility processes large volumes of discarded plastic trash cans and has a documented history of producing high numbers of adult mosquitoes. In late 2025, this location was among the few sites where West Nile virus activity was detected in mosquito populations. The technician has continued year-round monitoring of this site, working collaboratively with the property owner to implement best management practices, including improved storage procedures and reduced processing timelines to limit water-holding conditions. These efforts are being conducted in conjunction with targeted larval control applications to reduce adult mosquito abundance in the surrounding area.



Zone 1 Trash Recycling Storage

In Zone 2 (Norco and western Riverside), staff conducted 779 inspections, 79 treatments, and treated 0.51 acres, with 10% of inspected sources actively producing mosquitoes. This level of mosquito production is consistent with typical seasonal expectations and contrasts with elevated activity observed in other zones. Mosquito production in this area was most commonly associated with curb and gutter systems and residential swimming pools. The assigned technician has prioritized early-season swimming pool inspections, aligning with standard operational practices. Due to the closed structure of residential swimming pools, staff are able to utilize longer residual larvicides, providing control for up to three months before reinspection is required. In contrast, open water systems such as flood control channels and drainage ditches are subject to fluctuating water levels and debris accumulation, which can reduce treatment effectiveness. As a result, these sources require more frequent inspection and re-treatment. By focusing on early treatment of swimming pools, staff can reduce the need for repeated follow-up visits and more efficiently allocate resources as mosquito production intensifies during the late spring and summer months.

In Zone 3 (City of Riverside), staff conducted 385 inspections, resulting in 140 treatments, with 37% of inspected sources actively producing mosquitoes, and control efforts were applied to 0.77 acres of standing water. This represents the highest percentage of breeding sources among all zones and reflects a notable increase in mosquito production during March. Mosquito breeding in this zone was most frequently associated with curb and gutter systems. The assigned technician reported a significant increase in mosquito service requests, indicating heightened activity levels. In response, wetland crew staff were temporarily reassigned to assist with control efforts in Zone 3, allowing the primary technician to focus on routine and high-priority sites. Additionally, recent rainfall contributed to increased mosquito production by creating standing water along roadways and curb lines, including areas such as Fairmount Park. The district will continue to closely monitor mosquito activity in Zone 3 and allocate resources as needed to maintain effective control.



**Fairmount
Park
Breeding
Site**



In Zone 4 (City of Corona), staff conducted 282 inspections and 81 treatments, with 29% of inspected sources actively producing mosquitoes. Control efforts were applied to 0.98 acres of standing water. The primary sources contributing to mosquito production were neglected residential swimming pools and ornamental fountains. The assigned technician prioritized early-season control of unmaintained swimming pools to reduce mosquito production at these high-risk sites. The City of Corona's development pattern, characterized by a high proportion of single-family homes, results in a greater density of individual residential swimming pools compared to other areas within the district. Targeting neglected pools early in the season supports effective long-term control and efficient allocation of staff resources.

In Zone 5 (Lake Elsinore and Canyon Lake), staff conducted 444 inspections, resulting in 91 treatments, with 20% of inspected sources actively producing mosquitoes. Control efforts were applied to 7.41 acres of standing water, representing the largest treated acreage among all zones. The elevated acreage treated was primarily attributed to mosquito production within the flood control system connecting Lake Elsinore to Temescal Wash, where large bodies of water contain dense vegetation that impedes flow and can often require extensive treatment. Additional mosquito breeding was most commonly associated with catch basins and residential swimming pools. The assigned technician prioritized early-season inspection and treatment of swimming pools, utilizing longer residual larvicides to reduce the need for frequent follow-up. Overall, Zone 5 activity reflects typical seasonal patterns, with proactive early-season control efforts aimed at improving operational efficiency as activity increases later in the season.

Zone 6 (District Wetlands) recorded 378 inspections and 58 treatments, with 15% of inspected sources actively producing mosquitoes. Control efforts were applied to 5.55 acres of standing water. Although activity levels within the wetlands were elevated due to seasonal conditions, they remain consistent with historical averages for this time of year. Primary areas of focus included wetland habitats along the Santa Ana River near the Eastvale Bike Trail, as well as open space areas adjacent to Summerly Golf Course and Lake Elsinore. In the Lake Elsinore area, flooding of low-lying grassy areas created extensive mosquito breeding habitat, requiring targeted control efforts. To address these conditions, the district is coordinating with contractors to implement drone-based larvicide applications; however, it should be noted that there has been a recent reduction in the availability of these contract services, which may impact response timelines. Additionally, the Field Supervisor is actively working with the City of Lake Elsinore to address ongoing water management issues contributing to mosquito production in this area. During this period of increased demand, wetland crew staff were also deployed to assist with control efforts in Zone 3, supporting district-wide operations.

West Nile Virus

No West Nile Virus activity was reported for 2026 to date.

Saint Louis encephalitis virus

No Saint Louis encephalitis virus (SLEV) has been reported for 2026 to date.

Adulticiding

No adult mosquito applications were completed in March 2026.

Field Activities carried out during the month of March 2026

	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Wetlands	Out of District	Totals
Mosq. Sources:								
Inspected:	474	779	385	282	444	378	0	2742
Treated:	103	79	140	81	91	58	0	552
Percentage breeding:	22%	10%	36%	29%	20%	15%	0%	20%
Mosq. Treatment Area:								
Acreage	1.86	.51	.77	.98	7.41	5.55	.00	17.08 ac.
Service Requests:								
Mosq.'s	12	32	45	40	17	0	17	163
Bees	3	4	7	15	2	0	3	34
Rats	0	3	7	4	5	0	2	21
Flies	0	0	0	0	0	0	0	0
Fish	1	4	2	4	2	0	6	19
Misc.	0	1	1	3	0	0	3	8
Total	16	44	62	66	26	0	31	245

LABORATORY REPORT

March 2026

Chloe Wang, PhD, Director of Scientific Programs
Greg Williams, Assistant Vector Ecologist
Jessica Coolidge, MSc, BCE, PHE & Jennifer Wong, REHS, Lab Associates

Mosquito Surveillance

Host-Seeking Trap Surveillance

Laboratory staff deployed 30 host-seeking mosquito surveillance traps in March 2026, all of which were BG-Sentinel 2 traps (100%). Warmer weather has led to an increase in mosquito abundance, with 140.6 mosquitoes/trap night in March compared to 63.8 mosquitoes/trap night in February. Wetland area abundance consisted primarily of *Cx. erythrothorax* (45.0% of overall total), with *Cx. tarsalis* forming only 10.4% of the overall trap catch. Please note that traps were not set in the Lake Elsinore back basin area this month, which is one of the primary habitats of *Cx. tarsalis* and thus accounts for the decrease in trap abundance. Urban areas consisted primarily of *Cx. quinquefasciatus* (36.2% of overall total). Counts of *Ae. aegypti* have increased since last month, with 22 females caught across 4 zones. See **Table 1** for a summary of host-seeking mosquito surveillance activity.

Table 1. Abundance of adult female mosquitoes captured by CO₂ baited BG-Sentinel 2 traps in March 2026.

Adult Female Mosquito Surveillance: BGSENT Traps									
Genus	Species	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 6	Total	% of Total
<i>Aedes</i>	<i>Ae. aegypti</i>	2	1	16	3	0	0	22	0.5%
	<i>Ae. washinoi</i>	4	0	1	0	0	41	46	1.1%
<i>Anopheles</i>	<i>An. hermsi</i>	6	0	0	0	0	34	40	0.9%
<i>Culiseta</i>	<i>Cs. incidens</i>	8	4	135	0	0	0	147	3.5%
	<i>Cs. inornata</i>	0	0	3	1	0	7	11	0.3%
	<i>Cs. particeps</i>	3	0	1	0	0	35	39	0.9%
<i>Culex</i>	<i>Cx. erythrothorax</i>	124	3	10	0	0	1,760	1,897	45.0%
	<i>Cx. quinquefasciatus</i>	793	22	525	89	0	97	1,526	36.2%
	<i>Cx. restuans</i>	8	0	0	0	0	8	16	0.4%
	<i>Cx. stigmatosoma</i>	0	0	31	0	0	1	32	0.8%
	<i>Cx. tarsalis</i>	23	20	32	3	0	362	440	10.4%
	<i>Cx. thriambus</i>	1	0	0	0	0	2	3	0.1%
	Total Mosquitoes	972	50	754	96	0	2,347	4,219	100.0%
	# Traps Set	5	2	10	4	0	9	30	

Gravid Trap Surveillance

Gravid traps are used to target female mosquitoes seeking stagnant water sources to lay eggs. Female mosquitoes collected from gravid trap surveillance can be key indicators of arboviral disease transmission, as they have assuredly had an opportunity to take a bloodmeal, which may have allowed for viral transmission. Gravid trapping is anticipated to begin in April or May, once mosquito pool testing begins.

Dynamics of *Aedes aegypti* Mosquitoes

Aedes aegypti has become established in many regions of California, particularly in Southern California and the Central Valley. The species is capable of transmitting viruses such as dengue, chikungunya, and Zika to humans through its bites. Monitoring the abundance of this invasive and aggressive mosquito is essential. BG-Sentinel and BG-Pro traps are effective tools for *Ae. aegypti* surveillance. In March 2026, an increase in mosquito abundance (0.96 mosquitoes per trap-night) was observed compared to the previous two years, likely driven by recent rainfall and heat waves. Surveillance efforts will continue throughout 2026 to closely track population trends.

Monthly Abundance of *Ae. aegypti* Mosquitoes

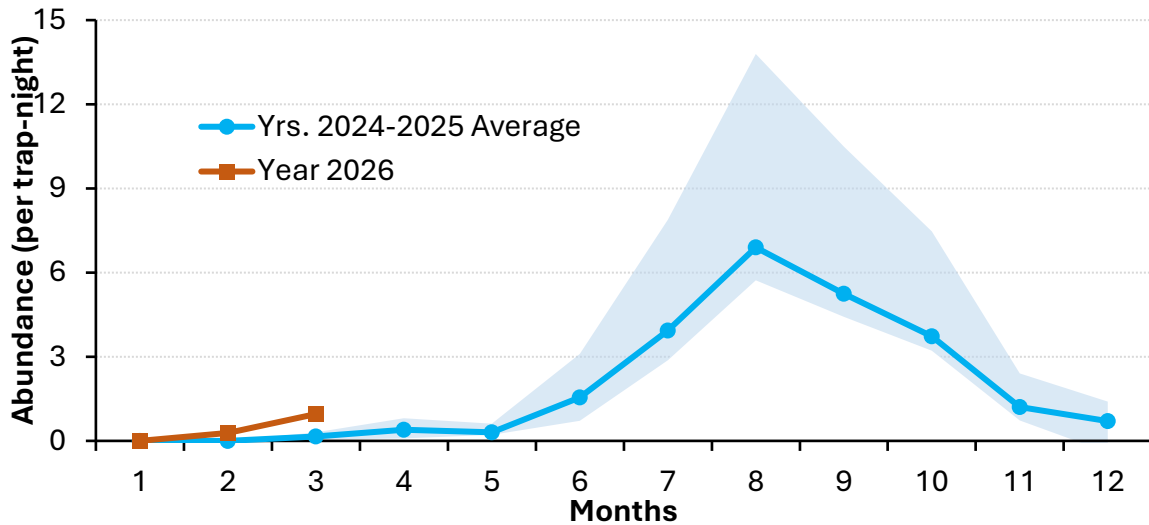


Figure 1. Monthly abundance of *Ae. aegypti* (mosquitoes per trap-night) from 2024-2026 within the District. Counts include both male and female mosquitoes collected using BG-Sentinel 2 and BG-Pro traps deployed over the period, including those in response to disease activity. Blue shading indicates the confidence interval.

Arbovirus Surveillance

Dead Bird Surveillance

In 2026, dead bird samples are the first reports of WNV activity in California. As of March 28, 2026, 1 dead bird sample from San Diego County has been tested positive for WNV (2.33% positive out of 43 samples for the state of California) (**Figure 2**). The dead bird hotline is anticipated to open on April 15, 2026, which will facilitate sample collection throughout the state. In 2026, 0 out of 2 dead bird samples within the District have tested positive for WNV to date.

WNV Mosquito Pools

2026 reporting will begin later this year, after Districts have passed their proficiency panels for in-house testing and/or Districts start sending mosquito pools to DART for testing.

WNV Human Cases

No human cases have been reported (in either state or District) for 2026 year to date (**Figure 2**).

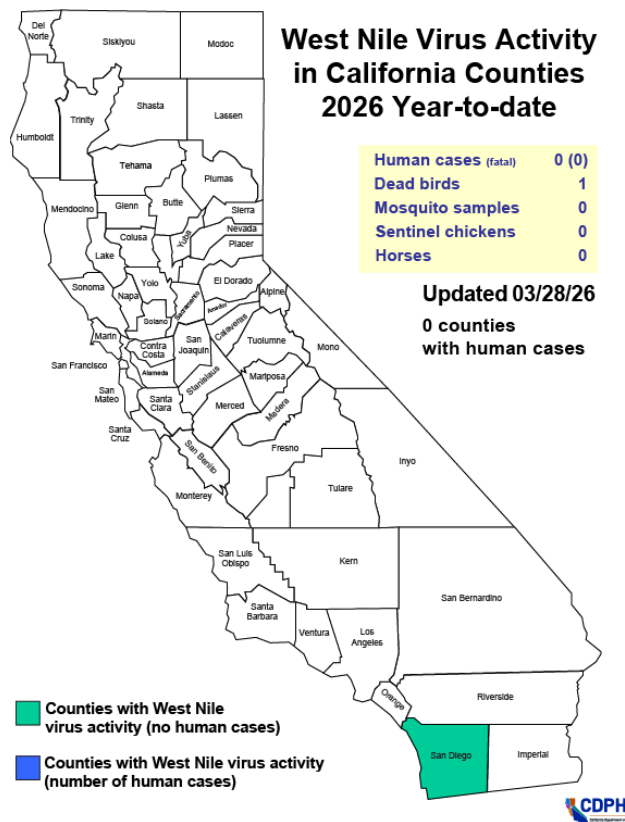


Figure 2. Statewide West Nile Virus activity in California counties for 2026, updated 03/28/2026 (Source: CDPH, <http://westnile.ca.gov>).

Aedes-Associated Disease Incidence

Summary data for *Aedes*-associated diseases in California in 2026 continue to be updated monthly. **Table 2** displays recent data updated April 1st, 2026. To date in 2026, five symptomatic dengue cases have been reported in California residents. All dengue cases reported have been associated with exposure through travel to an area affected by dengue outside of California.

Table 2. CDPH reported human cases of *Aedes*-associated diseases in California as of April 1st, 2026. *Source: CDPH*

		Zika	Dengue	Chikungunya
Total 2026	California	0	5 (0*)	0
	Riverside County	0	0 (0*)	0
Total 2025	California	2	188 (6*)	18
	Riverside County	1	6 (0*)	0
2015-2024 Average	California	77	214 (2*)	28
	Riverside County	2	6 (0*)	1

* = locally acquired transmission

Mosquitofish Program

Mosquitofish Use

The district currently has a mosquitofish program that utilizes the western mosquitofish (*Gambusia affinis*) as a biopesticide to control mosquitoes. The sources controlled are restricted to closed water systems only. Regulatory issues prevent any stocking in water sheds or open water systems that potentially flow into these water sheds. In March, a total of 140 mosquitofish were used by residents (43 fish) and technicians (97 fish). So far, the year-to-date mosquito fish usage is 312, with residents and technicians stocking 145 and 167 fish, respectively (**Figure 3**). Our system currently houses just over two hundred fish.

Water Chemistry

In March the nitrification cycle continued to work well. All readings for ammonia, nitrite, and nitrate were zero parts per million. The alkalinity fluctuated mildly between 90 and 120 ppm with the corresponding pH levels staying between 8.4 and 8.6. Small amounts of baking soda were added throughout the month to maintain optimal water chemistry.

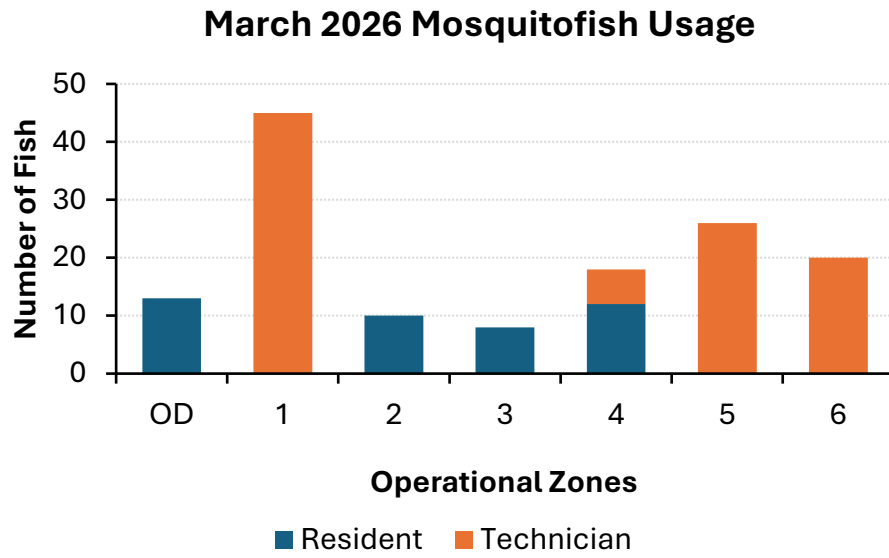


Figure 3. Number of Mosquitofish used in each operational zone in March 2026.

TIANYUN SU

NORTHWEST MOSQUITO AND VECTOR CONTROL DISTRICT
 1966 Compton Avenue, Corona, CA 92881

Travel Expense Reimbursement Request

Date	Lodging	Meals				Transportation Air/Taxi/Rental	Mileage	Parking	Registration	Misc.
		Total	Breakfast	Lunch	Dinner					
3/23/26	\$255.20					Air \$198.91 + Luggage \$40.00	Riverside to ONT \$17.69 (24.4 mil. X \$ 0.725)	\$20.00	\$695.00	
3/24/26	\$255.20	\$20.00 \$34.00	\$20.00 \$34.00					\$20.00		
3/25/26	\$255.20	\$47.98 \$68.73	\$20.00 \$30.75		\$27.98			\$20.00		
3/26/26	\$255.20					Air \$198.91 + \$31.45 Uber Hotel to PDX + Luggage \$40.00	ONT to Riverside \$17.69 (24.4 mil. X \$ 0.725)	\$20.00		
3/27/26		\$20.00 \$34.50	\$20.00 \$34.50					\$20.00		
Total	\$1,020.80	\$87.98 \$124.23	\$60.00 \$96.25		\$27.98	\$509.26	\$35.38	\$100.00	\$695.00	

Total with receipts/per diem: \$124.23

Total without receipts: _____

Grand Total: \$2,448.42

Advance Issued: 0

Owed to District: 0

Additional info _____

Meeting/Workshop attended:

92nd AMCA Ann. Meeting (Portland, OR)

Amount due Traveler/District:
\$2,448.42

I have incurred the above expenses from
 my personal and/or advanced funds.



Signature of Traveler

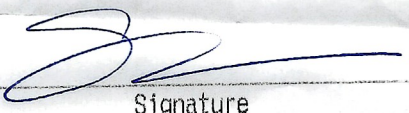
 District Manager

Server: Maria
Merchant Copy

Hyatt Regency Portland
375 NE Holladay Street
Portland, Oregon 97232
971-222-1234
Bridgetown BBQ

Check #: 10628 Table: 201
***** AUTHORIZATION *****
APPROVED
Total: \$29.00
Card Type: MASTERCARD
Card Entry: Contactless
Acct #: *****2123
Approval Code: 07019Q
***** EMV AUTHORIZATION *****
App Label: MASTERCARD
Mode: Issuer
AID: A0000000041010
TVR: 0000008001
IAD: 0110A040012200000000000000000000FF
TSI:
ARC: 00
AC: 9613B881DEF799CD
CVM: 1F0302
CURRENT TOTAL: \$29.00

GRATUITY: USD 5.00
TOTAL : USD 34.00


Signature

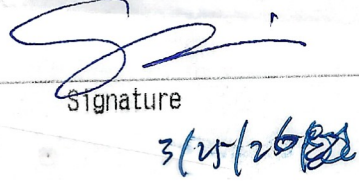
3/24/26

Server: Aimee
Customer Copy

Hyatt Regency Portland
375 NE Holladay Street
Portland, Oregon 97232
971-222-1234
Bridgetown BBQ

Check #: 10723 Table: 316
***** AUTHORIZATION *****
APPROVED
Total: \$25.75
Card Type: MASTERCARD
Card Entry: Contactless
Acct #: *****2123
Approval Code: 02724Q
***** EMV AUTHORIZATION *****
App Label: MASTERCARD
Mode: Issuer
AID: A0000000041010
TVR: 0000008001
IAD: 0110A040012200000000000000000000FF
TSI:
ARC: 00
AC: 906F84A1EDBA2FDE
CVM: 1F0302
CURRENT TOTAL: \$25.75

GRATUITY: USD 5.00
TOTAL : USD 30.75


Signature
3/25/26

SSP America
681122 Oven and Shaker
PDX Int'l. Airport
Portland OR 97218
1-888-310-0583

** TRANSACTION RECORD **
Tran. #: 458
Lookup #: 0045821233150
RVC: PDX OVEN SHAKER
Table #: 506
Check #: 9738
Group #: 1
Employee #: 1281
Employee: Shelley

MasterCard Purchase
xxxxxxxxxxxx2123 P
AID: A0000000041010
App Name: CAPITAL ONE

Amount \$26.25
Tip \$5.25
=====

TOTAL USD \$31.50

APPROVED 035510
00-AA (001) 035510
EPDX11CS12/EPDX11CC12
327135451
03/27/2026 6:54:51 AM
Mode: Issuer
IAD:
0110A040012200000000000000000000FF
TVR: 0000008001
TSI: E800

No signature required

Customer Copy

THANK YOU
Come Ag

3/24/26

Ontario Lot 6
Lot 6 Exit 2

DATE: 03/27/26
TIME: 10:47 AM
Receipt No. 15/1149/86/6
* Original *
Ticket: 60209313
Entry : 03/23/26 09:02 AM
LPR : RFL751

Amount 100.00
Credit: 100.00
Trans ID : 827923618
Card No. : xxxxxxxxxxxx2123
Card Type: MASTERCARD

Company Name: ~1
Name: ~3
Exp. Date: ~4

Red Robin Gourmet Burgers
1139 N.E. Grand Avenue
Portland, OR 97232
(503) 231-9223

Benito
Tol 304 Chk 100.18 Gst 0
Station Ma 25/26 08:15PM

1 SODA 3.99
1 14" WORKS 23.99
1 WATER
1 WATER
1 WATER

Sub Total 27.98
TAX 0.00
TOTAL 27.98

Payments:

CAPITAL ONE/2123
Purchase/EMV Tap
TID: *****9201
RRN: 010000
AID: A0000000041010
TVR: 0000008001
ARC: 00
TRN SEQ: 00003045
TRN ID: 1017002139
NET: MasterCard
MODE: Issuer
Auth Code: 06108Q 27.98
Tip Paid 4.98
Total 32.96
TOTAL PAID USD\$ 32.96



Hyatt Regency Portland
Convention Center
 375 NE Holladay Street
 Portland, OR 97232
 Tel: 971-222-1234
 HyattRegencyPortlandocc.com

INVOICE

DR Tianyun Su
 7237 Boice Ln.
 Riverside CA 92506
 United States

Room No. 1123
 Arrival 03-23-26
 Departure 03-27-26
 Folio Window 1
 Folio No. 349734

Confirmation No. 55554801
 Group Name American Mosquito Control Assn

Date	Description	Charges	Credits
03-23-26	Accommodation	220.00	
03-23-26	1.5% State Occupancy Tax	3.30	
03-23-26	6% City Occupancy Tax	13.20	
03-23-26	5.5% County Occupancy Tax	12.10	
03-23-26	3% Portland Tourism Assessment	6.60	
03-24-26	Accommodation	220.00	
03-24-26	1.5% State Occupancy Tax	3.30	
03-24-26	6% City Occupancy Tax	13.20	
03-24-26	5.5% County Occupancy Tax	12.10	
03-24-26	3% Portland Tourism Assessment	6.60	
03-25-26	Accommodation	220.00	
03-25-26	1.5% State Occupancy Tax	3.30	
03-25-26	6% City Occupancy Tax	13.20	
03-25-26	5.5% County Occupancy Tax	12.10	
03-25-26	3% Portland Tourism Assessment	6.60	
03-26-26	Accommodation	220.00	
03-26-26	1.5% State Occupancy Tax	3.30	
03-26-26	6% City Occupancy Tax	13.20	
03-26-26	5.5% County Occupancy Tax	12.10	
03-26-26	3% Portland Tourism Assessment	6.60	
03-27-26	Master Card		
	XXXXXXXXXXXX2123 XX/XX		1,020.80

Total 1,020.80 1,020.80

Balance 0.00

Guest Signature

I agree that my liability for this bill is not waived and I agree to be held personally liable in the event that the indicated person, company or association fails to pay for any part or the full amount of these charges.

WE HOPE YOU ENJOYED YOUR STAY WITH US!

We trust you enjoyed your stay at the Hyatt Regency Portland Convention Center. Please let us know your thoughts at: PDGRP.Quality@hyatt.com or contact us by telephone at (971) 222-1234.

If you are not able to locate a personal belonging or feel that you may have left something behind, we are happy to help you with your search. Please visit our partner website: www.ileftmystuff.com and use client identification number 76014.

We thank you for your business and appreciate your loyalty.

World of Hyatt Summary

Membership: XXXXXX985N
 Bonus Codes:
 Qualifying Nights: 4
 Eligible Spend: 880.00
 Redemption Eligible: 0.00

Receipt

Expedia itinerary: 73359321599671

Purchase date: Jan 28, 2026

Booking details

Roundtrip flight

Ontario (ONT) to Portland (PDX)

Alaska Airlines 2456

Economy / Coach (X)

Portland (PDX) to Ontario (ONT)

Alaska Airlines 2134

Economy / Coach (X)

Depart: Mar 23, 2026

Return: Mar 27, 2026

Traveler 1: Adult

Tianyun Su

Ticket Number: 0272131386949

Payment details

Flight price

Traveler 1: Adult	\$261.40
Seat 10C	\$43.00
Seat 11C	\$43.00
Taxes and fees	\$50.41

Total

\$397.81

Paid

\$397.81
[Visa 1172]

tyccsu@hotmail.com

From: Alaska Airlines <transactions@email.alaskaair.com>
Sent: Monday, March 23, 2026 9:19 AM
To: TYCCSU@HOTMAIL.COM
Subject: Alaska Airlines receipt.



Checked luggage receipt

Mar 23, 2026

Thank you for choosing Alaska Airlines. The following items have been purchased for your reservation.

Traveler name(s):

TIANYUN SU

Items Purchased

STANDARD MAX 50LB 62LI

Ticket number(s):

0274431264577

Amount

\$40.00 USD

Confirmation code: YAECPM

ITINERARY

✈️ **ONT / PDX**

Ontario, CA / Portland, OR

Monday, March 23, 2026

Flight 2456

Total USD: \$40.00

tyccsu@hotmail.com

From: Alaska Airlines <transactions@email.alaskaair.com>
Sent: Friday, March 27, 2026 6:02 AM
To: TYCCSU@HOTMAIL.COM
Subject: Alaska Airlines receipt.



Additional Purchases

Mar 27, 2026

Thank you for choosing Alaska Airlines. The following items have been purchased for your reservation.

Traveler name(s):

TIANYUN SU

Items Purchased

STANDARD MAX 50LB 62LI

Ticket number(s):

0274431409451

Amount

40.00 0

Confirmation code: YAECPM

ITINERARY

✈ PDX / ONT

Portland, OR / Ontario, CA

Friday, March 27, 2026

Flight 2134

Total 0: 40.00



Thanks for tipping, Tianyun

We hope you enjoyed your ride this morning.

Total **\$31.45**

Trip fare	\$24.91
Airport Surcharge	\$4.00
Booking Fee ⓘ	\$2.91
City of Portland Surcharge	\$2.00
Portland Accessibility Fee	\$0.11
Tip	\$6.00
Promotion	-\$8.48

Payments

 Mastercard ••••2123 (CP1) 3/27/26 6:57 AM	\$6.00
 Mastercard ••••2123 (EZ) 3/27/26 1:29 PM	\$25.45

Trip details



UberX

11.39 miles, 17 minutes



5:36 AM

375 NE Holladay St, Portland, OR 97232, US

5:53 AM

Main Terminal, Portland International Airport (PDX), Portland, OR 97218, US



You rode with William

5.00 ★

Unique Identifier: 3a012b4c

When you ride with Uber, your trips are insured in case of a covered accident.

[Learn more](#)

Want to review your trip history?

[My trips](#)

American Mosquito Control Association
 One Capitol Mall, Suite 800
 Sacramento, CA 95814
 Tel (888) 626-0630
 E-Mail amca@mosquito.org



INVOICE 6053 PO NUMBER 1/26/2026

BILL TO MESSAGE

Tianyun Su MS, PhD, MD
 Northwest Mosquito & Vector Control District
 1966 Compton Ave
 Corona, CA 92881

QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL
1	92nd Annual Meeting Registration - Trustee/Commissioner Member - Tianyun Su,	550.00	550.00
1	AMCA 92nd Annual Meeting - Trustee Tour Ticket - Tianyun Su,	145.00	145.00
	1/26/2026 - Payment: Credit card	(695.00)	(695.00)
	SUBTOTAL		695.00
	TOTAL		695.00
	PAYMENT/CREDIT/WRITE OFF/DISCOUNTS APPLIED		(695.00)
	TOTAL DUE BY 1/26/2026		0.00

Thank you for your business!

CURRENT	31-60 DAYS PAST DUE	61-90 DAYS PAST DUE	OVER 90 DAYS PAST DUE	TOTAL OPEN INVOICE
0.00	0.00	0.00	0.00	0.00

Do not submit payment for this invoice.

_____ Name

NORTHWEST MOSQUITO AND VECTOR CONTROL DISTRICT
 1966 Compton Avenue Corona, CA 92881
Travel Expense Reimbursement Form

Date	Lodging	Meals			Transportation Air/Taxi/Rental	Mileage	Parking	Registration	Misc.
		Total	Breakfast	Lunch					

*Support from other agencies – see reverse side.

* District Credit Card (DCC)

Total with receipts/per diem: _____

Meeting/Workshop attended:

Total without receipts: _____

Grand Total: _____

Advance Issued: _____

Amount due Employee/District: _____

Owed to District: _____

I have incurred the above expenses from my personal and/or advanced funds.

N. Hernandez

 Signature

_____ District Manager

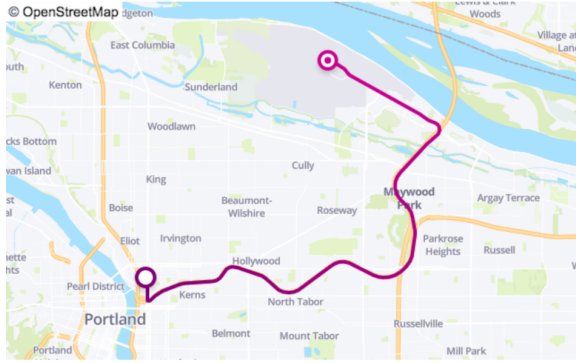
1:36


70



Trip

Mar 27, 2026, 3:02 PM • 11.4 miles • 33 min



- 
Hyatt Regency-Portland at... Pickup
 Portland, OR 97232 3:02 PM
- Alaska Airlines** Drop-off
 Portland, OR 97218 3:35 PM

Payment

Lyft Standard fare (11.4 mi, 33m) \$39.81
 City of Portland Surcharge \$2.11

 **MasterCard *7097** **\$41.92**
 Total charge

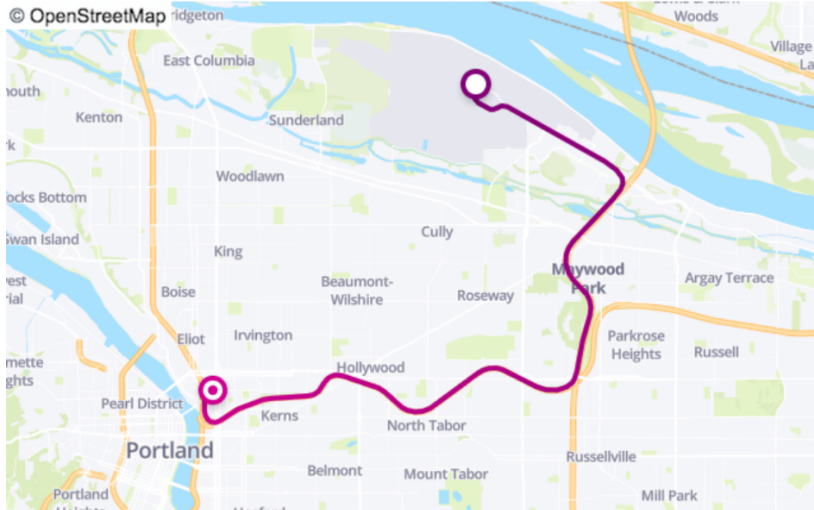
Personal

1:36

70

< Ride on 3/23/26, 10:06 AM

Mar 23, 2026, 10:06 AM • 11.3 miles • 17 min



-
- Lyft Zone D4** Pickup
 Portland, OR 97218 10:06 AM
- Hyatt Regency-Portland at...** Drop-off
 Portland, OR 97232 10:23 AM

Payment

Lyft Standard fare (11.3 mi, 17m) \$34.82
 City of Portland Surcharge \$2.11


MasterCard *7097 **\$36.93**
 Total charge


Personal >

1:38

69



Lyft Receipts

3/24/26

To: nejhernandez >

Your receipt for rides on March 23



Your total charges for March 23



March 23, 2026 10:06 AM

\$36.93

Ride fare

● **Pickup** 10:06 AM

7100 NE Airport Way, Portland, OR 97218,
United States

● **Drop-off** 10:23 AM

1017 NE Martin Luther King Jr Blvd,
Portland, OR 97232, United States



March 23, 2026 11:47 AM

\$9.93

Ride fare

● **Pickup** 11:47 AM

NE Airport Way, Portland, OR 97218,
United States



1:39

69

2 Messages
Your ride wit...

Thanks for riding with Ron

Add tip 100% of tips go to drivers.

MasterCard *7097 **\$41.92**

Lyft fare (11.37mi, 33m 5s) **\$39.81**
City of Portland Surcharge **\$2.11**

You've already paid for this ride.
This total may not match the charge on your account statement. The payment for this ride might be combined with any other rides you took on March 27, 2026. Keep in mind that the cost of this ride and the total charge may not reflect refunds, credits, or other changes.

Your trip

- **Pickup** 3:02 PM
375 Ne Holladay St, Portland, OR
- **Drop-off** 3:35 PM
7000 NE Airport Way, Portland, OR

© OpenS

Lunch



Kizuki Ramen & Izakaya - Portland Food
Hall
827 SW 2nd Ave
Portland, OR 97204

Server: Caleb B
Check #23 12
Guest Count: 1
Ordered: 3/23/26 12:06 PM

How was your visit?

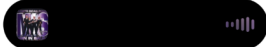
The restaurant tracks feedback and may reach out using the contact info you previously provided.

1 Shoyu	\$15.00
Traditional Shoyu	
1 Tonkotsu Shoyu	\$17.00
Traditional Tonkotsu Shoyu	
Subtotal	\$32.00
Total	\$32.00

Credit Card	Contactless
Mastercard	xxxxxxxx9287
Transaction Type	Sale
Authorization	Approved
Approval Code	41326Q
Payment ID	jNbqbpLH9y
Application ID	A000000041010
Application Label	MASTERCARD
Card Reader	BBPOS

Powered by Toast

1:15



74



squareup.com



Let Bistro Elysium know how your experience was

\$21.60

Kimchi Pineapple Fried Rice **\$18.00**

Spicy and sweet stir-fried white jasmine rice with kimchi (Korean fermented cabbage,) pineapple, eggs, carrots, peas, and gochujang chili...

+Shrimp (\$4.00)

Medium Hot

Purchase Subtotal **\$18.00**

Tip **\$3.60**

Total **\$21.60**



1:46



Transaction Details



X NOODLES AND DUMPLINGS

-\$55.40

Transaction Details

Type	Card
Transaction date	Mar 26, 2026
Posted date	Mar 27, 2026

[PORTLAND, OR 97209](#)

Description	X NOODLES & DUMPLINGS PORTLAND OR 03/26
-------------	--

Also known as	X NOODLES AND DUMPLINGS
---------------	-------------------------

Merchant type	Restaurants
---------------	-------------

Method	In person
--------	-----------

Category	Food & drink
----------	--------------

Having a problem with this transaction?

Let's look into it.

[Report a problem](#)

Disclaimer: Transaction details may be preliminary or incomplete and may not match the transaction as it appears on your periodic statement, which is the official record of your account activity.

1:46



Transaction Details



SCREEN DOOR RESTAUR

-\$31.20

Transaction Details

Type Card
Transaction date Mar 27, 2026
Posted date Mar 30, 2026

[Portland, OR 97209](#)

Description TST*SCREEN DOOR RESTAUR
Portland OR 03/27

Also known as SCREEN DOOR RESTAUR

Merchant type Restaurants

Method In person

Category Food & drink

Having a problem with this transaction?

Let's look into it.

[Report a problem](#)

Recent charges

TST*SCREEN

12:00



Transaction Details

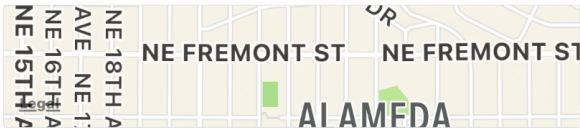


Screen Door

-\$30.00

Transaction Details

Type Card
Transaction date Mar 23, 2026
Posted date Mar 24, 2026



2337 E Burnside St,
Portland, OR 97214

[\(503\) 542-0880](tel:(503)542-0880)

Description TST*SCREEN DOOR RESTAUR
Portland OR 03/23

Also known as Screen Door

Merchant type Restaurants

Method In person

Category Food & drink

Having a problem with this transaction?

Let's look into it.

WELCOME TO OREGON CONVENTION CENTER

YOUR RECEIPT
6H09X-24613-008

March 24, 2026 11:06:43 AM

Tim
Portland Roasting 1 - 01

1 x White Mocha 6.50

m - Cup 16oz

1 x Chocolate Croissant 6.00

Total \$12.50

CreditCard \$12.50

VISA *****8227

Auth# 179149

THANK-YOU

Market
Hyatt Regency Portland

Closed by: Maria

CHK 17218 GST 1

03-25-2026 09:29:13

1	Bagel and Cream Cheese	6.50
	PLAIN BAGEL	
	Cream Cheese	
	MK MEDIUM FLAVORED	7.00
	COFFEE FRAPP	

FOOD		13.50
Sub-total:		13.50

Payment: 13.50

DS - Visa

***** PURCHASE *****
APPROVED

Total: \$13.50

Card Type: VISA
Card Entry: Contactless
Acct #: *****8227
Approval Code: 205234
Verified By Device

***** EMV PURCHASE *****

App Label: VISA DEBIT
Mode: Consumer

AID: A00000
TVR: 000000
IAD:
0132A0000000010030 000000040000000
000000000000000000000000
TSI:
ARC: 00
AC: FB2BEB0017AC2C59
CVM:

Join World of Hyatt today
and start earning points for
travels, dining and more.
Visit worldofhyatt.com
Not point earning eligible.
Not point redemption eligible

***THANK YOU FOR JOINING US**

-----CITECK CLOSED-----

03-25-2026 09:29:19

Market
Hyatt Regency Portland

Closed by: Maria

CHK 17796

GST 1

03-26-2026

12:59:59

1 MK 20oz FLAVORED COFFEE
FRAPPE

7.00

FOOD

Sub-total:

7.00

7.00

Payment:

7.00

DS - Visa

***** PURCHASE *****
APPROVED

Total:

\$7.00

Card Type: VISA

Card Entry: Contactless

Acct #: *****8227

Approval Code: 221991

Verified By Device

***** EMV PURCHASE *****

App Label:

VISA DEBIT

Mode:

Issuer

AID: A0000000031010

TVR: 0000000000

IAD:

1F420132A000000000100302730000000040000000

00000000000000000000

TSI:

ARC: 00

AC: FF9367B5BA54D94B

CVM:

Join World of Hyatt today
and start earning points for
stays, dining and more.
Visit worldofhyatt.com

*Not point earning eligible.

#Not point redemption eligible

THANK YOU FOR JOINING US

-----CHECK CLOSED-----

03-26-2026 13:00:08

Market
Hyatt Regency Portland

Closed by: Janina

CHK 16203 GST 1

03 27 2026 11:46:57

1 MK 20oz FLAVORED COFFEE 7.00
FRAPPE

Food 7.00
Sub-total: 7.00

Payment: 7.00

DS - Visa

***** PURCHASE *****
APPROVED

Total: \$7.00

Card Type: VISA
Card Entry: Contactless
Acct #: *****8227
Approval Code: 537664
Verified By Device

***** ENVY PURCHASE *****
App Label: VISA DEBIT
Made: Issuer

AID: A0000000031010
TVR: 0000000000
IAD:

1F42G132A000000000100302730000000040000000
00000000000000000000

TSI:
ARC: 00
AC: 6608A038EBE1A87C
CVM:

Join World of Hyatt today
and start earning points for
stays, dining and more.
Visit worldofhyatt.com
*Not point earning eligible.
#Not point redemption eligible

THANK YOU FOR JOINING US

-----CHECK CLOSED-----

03-27-2026 11:47:01

7.A.

Approval of installation of insulation

Consider approval of a contract with Sierra Insulation Contractor for the installation of ceiling insulation at District facilities. The project will improve energy efficiency and indoor temperature control. The total contract amount is \$111,753, as submitted in the contractor's bid. Approval of this item will authorize the District to proceed with the insulation installation project as proposed. Review of updated bid from Sierra Insulation.

Recommendation:

Approve contractors bid in accordance to the Northwest MVCD Bid Approval Policy



Bay Insulation Systems' Faced Metal Building Insulation is comprised of a resilient, light density fiberglass blanket, being NAIMA 202-96® (Rev. 2000) Insulation only, laminated to a high quality vapor retarder facing, and is compliant with the NIA Certified Faced Insulation® Standard.

Every order is custom laminated to fit your building dimensions and criteria. Each roll is individually tagged to identify its intended location in the building roof, sidewalls and endwalls.

FEATURES

Bay Insulation Systems Faced Metal Building Insulation is made-to-order, specifically for your pre-engineered metal building system. Each roll is custom cut to fit the building roof and walls.

PHYSICAL PROPERTIES (Faced Metal Building Insulation Composite Material)

Property	Test Method	Value
Thickness & Thermal Resistance	ASTM C167, ASTM C177 / C518 *Home Innovations Lab Certified	3.0" - R10 3.5" - R11 4.0" - R13 5.0" - R16 6.0" - R19 8.0" - R25 9.5" - R30
Surface Burning Characteristics	UL723, ASTM E84, NFPA 255 *Underwriters Lab Certified *Factory Mutual Approved ¹	Flame Spread Index <25 Smoke Developed <50 Class A / Class 1

¹ FM Approval upon request ONLY

AVAILABLE SIZES

R-Value	Nominal Thickness ²	Standard Widths ³	Lengths
R-10	3.0"	36", 48", 60", 72"	Custom laminated to length.
R-11	3.5"	36", 48", 60", 72"	Custom laminated to length.
R-13	4.0"	36", 48", 60", 72"	Custom laminated to length.
R-16 ⁴	5.0"	36", 48", 72"	Custom laminated to length.
R-19	6.0"	36", 48", 60", 72"	Custom laminated to length.
R-25	8.0"	48", 60", 72"	Custom laminated to length.
R-30	9.5"	48", 60", 72"	Custom laminated to length.

² Thicknesses are post-laminated and may vary slightly based on insulation manufacturer ³ Custom widths also available

⁴ Special order item; minimum order quantities may apply

TECHNICAL INFORMATION

Bay Insulation Systems Faced Metal Building Insulation is manufactured in compliance with ASTM C991-16 (Type II), “Standard Specification for Flexible Fibrous Glass Insulation for Metal Buildings” and the NIA Certified Faced Insulation® Standard.

Bay Insulation Systems Faced Metal Building Insulation uses only NAIMA 202-96® Insulation. To ensure compliance with the NIA Certified Faced Insulation® Standard, as well as FTC Rule 460, regular sampling and testing is performed by the National Association of Home Builders Home Innovation Research Lab in each of our facilities. The final product is labeled with the nominal R-value, and has the Home Innovation Lab Certified mark on the label.

To ensure compliance with the NIA Certified Faced Insulation® Standard, our Faced Metal Building Insulation has a Class A Fire Rating. Our Faced Metal Building Insulations have undergone the rigorous Steiner Tunnel Test at Underwriters Laboratories, per UL723/ASTM E84 and have passed for Flame Spread of less than 25 and Smoked Developed of less than 50. To further ensure that our manufactured Faced Metal Building Insulations comply on a

daily basis, Bay Insulation Systems Laminating Facilities are UL Certified. Our Faced Metal Building Insulation products are manufactured under UL’s Follow-Up Program. The following Bay Metal Building Insulation products bear the UL Classification Mark for FHC 25/50:

- FSK R-3035 HD Laminated Metal Building Insulation
- Vinyl Laminated Metal Building Insulation
- WMP®-10 Laminated Metal Building Insulation
- WMP®-30 Laminated Metal Building Insulation
- WMP®-50 Laminated Metal Building Insulation
- WMP®-VR Laminated Metal Building Insulation
- WMP®-VR-R Plus Laminated Metal Building Insulation
- Arenashield Laminated Metal Building Insulation
- Gymguard Laminated Metal Building Insulation

Applicable Standards, Code Compliance

- NIA Certified Faced Insulation® Standard
- UL Certified FHC 25/50, Class A
- ASTM C991-16, Type II
- Factory Mutual Class 4880, *Approval Standard for Class 1 Fire Rating of Building Panels or Interior Finish Materials* - (Upon request ONLY)

FACING OPTIONS

Style	Description	NRC	PERM
White Vinyl	Bright white finish. Economical. Not recommended for cold weather applications.	-	1.00
WMP®-VR	White polypropylene film, fiberglass & polyester scrim, 11# natural kraft.	.85	0.09
WMP®-VR-R Plus	White polypropylene film, fiberglass scrim, metallized polyester film.	.80	0.02
WMP®-10	White polypropylene film, metallization, fiberglass & polyester scrim, 14# white kraft.	.85	0.02
WMP®-30	White polypropylene film, metallization, fiberglass & polyester scrim, 30# natural kraft.	.75	0.02
WMP®-50	White polypropylene film, fiberglass & polyester scrim, 30# natural kraft, metallized polyester film.	.65	0.02
WMP®-UV HD ⁵	White coating, white polypropylene film, fiberglass & polyester scrim, 30# natural kraft, metallized polyester film.	-	0.02
FSK R-3035 HD	Aluminum foil, fiberglass & polyester scrim, 30# natural kraft.	.80	0.02
RADIANT ICE ⁵	Aluminum foil, polyester film, fiberglass scrim, aluminum foil.	-	0.02
ARENASHIELD	Aluminum foil, fiberglass & polyester fabric.	.65	0.02
GYMGUARD	White polypropylene film, metallization, fiberglass & polyester fabric.	.70	0.02

5 Does not bear the UL label

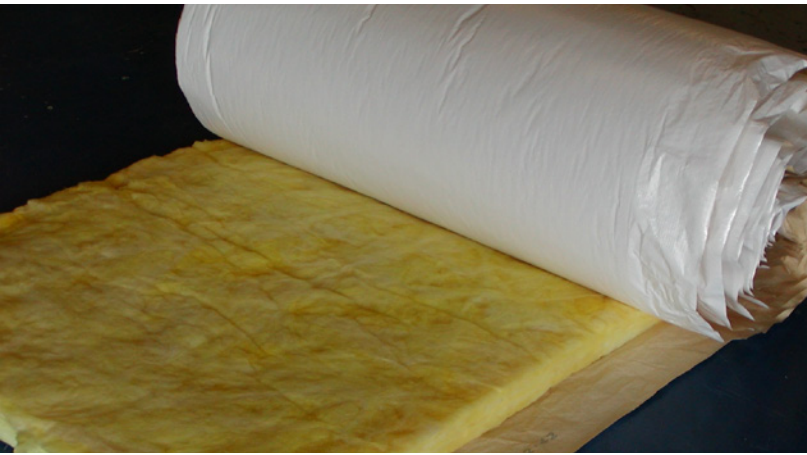


www.BayInsulation.com

Bay Insulation Systems

Member of the Bay Family of Companies

Experience • Quality • Service



**Insulation
All Over
the Nation**



www.BayInsulation.com

INSULATION ALL OVER THE NATION

Welcome to BAY INSULATION SYSTEMS

your trusted source for quality products, services, and technical expertise in the metal building industry.

BAY HAS THE SOLUTION

BAY takes great pride in providing the highest quality products and services. Adhering to this principle and staying on the leading edge of new technology has allowed us to become the nation's largest supplier of metal building insulation and a leader in the commercial walk door industry.

With a complete line of products, BAY is prepared to meet the needs and current trends of today's metal building industry. Whether your building project requires condensation control, high R-value, enhanced appearance, greater jobsite safety and productivity, retrofit application, insulation installation, skylights or preassembled walk doors, BAY has the solution.

ONE SALES FORCE – FULL LINE OF PRODUCTS AND SYSTEMS

BAY INSULATION SYSTEMS provides quality laminated metal building insulation, reflective/condensation barriers and rigid insulation, all custom fabricated for your labor crew to install.

BAY INSULATION CONTRACTING INC. offers insulation systems including fall protection and higher R-value applications that can be installed by our highly skilled/professional labor crews.

EXPI-DOOR® SYSTEMS INC. assembles and distributes high-quality and easy-to-install, preassembled walk doors for metal building applications, in addition to our knock down series doors.

COAST-TO-COAST COVERAGE

Through our many locations strategically placed across the United States, we can deliver quickly and efficiently to any jobsite.

UNSURPASSED KNOWLEDGE AND EXPERIENCE

BAY employs the most knowledgeable, experienced sales and customer support representatives in the industry. Each sales representative provides a single trusted link to our entire offering of metal building products. Contact a member of the BAY sales team to assist you with code compliance, technical information, installation advice, or a price quote.

- 1 LONG TAB BANDED SYSTEM**
- Economical
 - High R-value
 - Supports multi-layers of fiberglass
 - Allows access to purlins
 - Common in retrofit applications

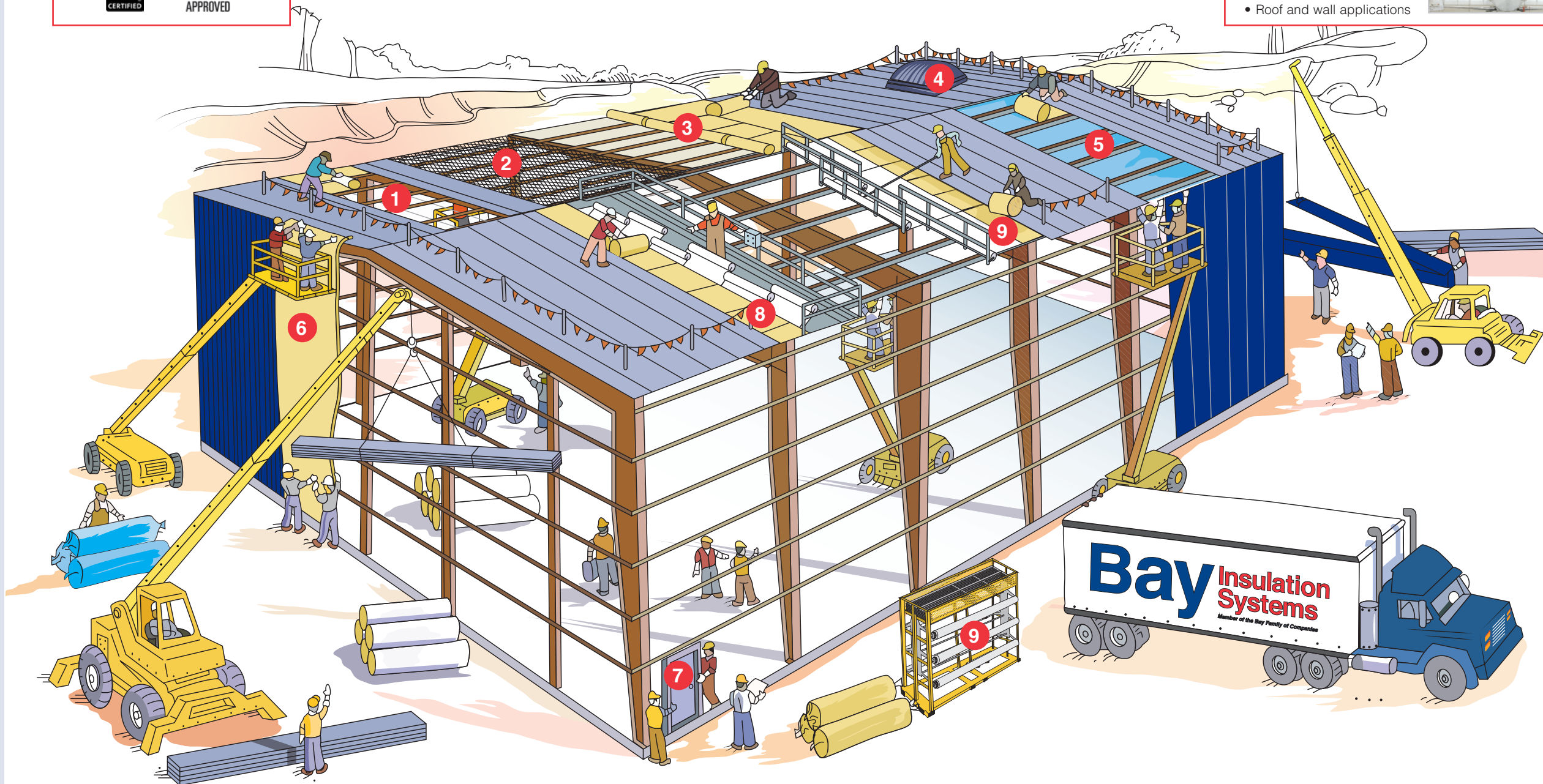
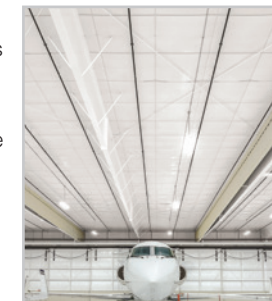


- 2 SKY-WEB II® FALL PROTECTION**
- Provides fall protection in conjunction with conventional insulation installation
 - Good option on any size project and on roof pitches over 3/12
 - Increases erector confidence and productivity

- 3 OPTILINER®**
- Enables multi-layers/high R-value
 - Seamless/Grid appearance
 - Conceals purlins
 - For new construction or retrofit
 - Roof and wall applications

- 4 BAYLIGHT® PRISMATIC SKYLIGHT**
- Exceptional lighting performance
 - Double and triple glazed domes
 - Smoke vents available
 - Baylight® dome shape maximizes lighting performance at low sun angles
 - Reduces energy consumption, which promotes a cleaner environment

- 5 SKYLINER®**
- Meets OSHA leading-edge fall protection requirements
 - Enables multi-layers/high R-value
 - Seamless/Grid appearance
 - Conceals purlins
 - Increases light reflectivity
 - For new construction or retrofit
 - Roof and wall applications



- 6 LAMINATED FIBERGLASS**
- Conventional roof and wall applications
 - Economical
 - Compatible with Sky-Web II®
 - One 6" or two 3" tabs



- 7 EXPI-DOOR® SYSTEMS INC.**
- Doors to meet any wall application, code or spec in Pre-Assembled and Knock-Down
 - Specializing in custom doors and hardware
 - Best in industry components including Steelcraft, Schlage, Von Duprin, LCN, Falcon and more
 - Aluminum Storefront Systems (pre-glazed) with optional transoms and sidelites
 - Interior wood doors and wood-look hollow metal doors for that complete finish out

- 8 BAY RIDER™**
Formerly the Owens Corning Elaminator® Insulation System
- Increases productivity
 - Meets OSHA leading-edge fall protection for any size project with roof pitch 3/12 or lower
 - Seamless appearance
 - Allows roof productivity in windy conditions
 - For new construction only

- 9 BAY RUNNER INSULATION SYSTEMS™**
- Meets OSHA leading-edge fall prevention and fall protection requirements
 - Set-up to start of roofing can be 50% quicker than other facing-first systems
 - Machines ship pre-loaded, ready to go
 - Saves time
 - Requires less manpower
 - Increases productivity



OTHER SYSTEMS OFFERED:

- RETROFIT
- BAYFOIL™ RADIANT BARRIER
- SAG N BAG
- INSUL BASKET

for more info on these systems, visit www.BayInsulation.com

Bay Insulation Systems, with locations across North America, has the **Experience**, superior **Quality** products, and top-rated **Service** to meet our customers' needs.

For more information, contact an office near you or visit us at www.bayinsulation.com.



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Fax: 816-861-9117

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Fax: 901-531-8219

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Fax: 469-420-0700

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Fax: 713-939-1299

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Fax: 519-659-9007





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Commercial & Industrial
Insulation & Firestop Contractors

 645 East Harrison St Suite 100
Corona, CA 92879

Job Name:	Northwest Mosquito & Vector Control District	Customer:	Northwest MVCD
Location:	1966 Compton Ave	Contact:	Dennis Rowe
City, St, Zip:	Corona, CA 92881	Phone:	
Bid Date:	September 25, 2025	Fax:	
Submitted By:	Matt Suttle – Cell (951) 556-1141	Email:	drowe@northwestmvcd.org
Return Email:	matt.suttle@amnationalservices.com		
We propose to furnish/install labor & material:			
<i>Warehouse Thermal Insulation</i>			
1	Install R-30 unfaced fiberglass batt insulation at underside of roof, covering existing insulation.		
2	Install WMP-10 white scrim to underside of new R-30 insulation.		
			Base Bid: \$ 115,750
Clarifications and Exclusions:			
	Excludes any Labor/Material not listed above.		
	Excludes patch and repair of damage caused by others.		
	Bid based on work area being free of stored material and equipment to ensure safe and efficient movement by installers.		
	Bid based on all insulation friction fit install.		
	Excludes all future material and labor escalation.		
Bid Valid For:	60 Days	Walk Date:	9/23/2025 Addendum Noted:
<u>Indemnity Clause and Payment Terms</u>			
<u>Indemnity Clause</u>			
The parties to this subcontract expressly agree that an indemnity clause contained within the Contractor's proposed subcontract is null and void. In lieu of that clause, the parties expressly agree that the following clause will be the operative clause in the subcontract and Coast Building Products is expressly relying upon the Contractor's agreement to the use of the following indemnity clause as the operative indemnity agreement when furnishing labor and/or materials in performance of the subcontract.			
Coast Building Products agrees to indemnify, defend, and hold harmless the Contractor and Owner with respect to any claims, suits, or legal action arising out of personal injury, including death and/or property damage to the extent that such claims, suits, or legal actions arise from or out of the sole negligence and/or willful misconduct of Coast Building Products in its performance and/or materials in the performance of the work required by and set forth in terms of this subcontract. The parties agree that Coast Building Products' total amount of liability to Contractor for any indemnity, defense, and/or hold harmless obligation shall be limited to, and not exceed, the amount paid by the Contractor to Coast Building Products for Coast Building Products' performance of this subcontract.			
<u>Payment Terms</u>			
Payment of 90% of the contract work performed each month to be paid by the 30 th of the following month. The remaining 10% retention to be paid within 35 days after substantial completion of work under this proposal and acceptance of bid.			

645 East Harrison Street, Suite 100 • Corona, CA 92879 • Tel: (951) 278-9200 • Fax: (951) 278-8202
State Contractor's License No. CA 465440
DIR #10000650447

Proposed By: _____

Accepted By: _____

Name: Matt Suttle **Date:** September 25, 2025
Name: _____ **Date:** _____

7.B. Discussion of changing Regular Board of Trustees Meeting time

The Board of Trustees discussed the possibility of adjusting the scheduled time of the Regular Board of Trustees meetings in order to mitigate recurring scheduling conflicts and address challenges associated with significant traffic conditions.

Recommendation:

Discuss and approve new meeting time for future meetings

7.C. Review of scheduling procedures for future Ad Hoc committee meetings

To enhance participation, the Board of Trustees requested a review of the processes used to establish meeting dates and times for all Ad Hoc committees, including the Finance Committee, Expansion Committee, and Counsel Review Committee.

Recommendation:

Discuss and approve new scheduling procedure for future Ad Hoc committee meetings.

7.D. Revisit trustee travel policy

The Board of Trustees initiated a review of the Trustee Travel Policy to ensure it remains current, equitable, and aligned with the organization's operational needs and fiscal responsibilities.

This review will also provide an opportunity to clarify expectations, improve consistency in application, and support trustee participation in authorized meetings and events.

Recommendation:

Discuss and make any changes to existing Trustee Travel Policy.