

**MINUTES OF THE BOARD OF TRUSTEES OF
THE CONSOLIDATED MOSQUITO ABATEMENT DISTRICT
December 21, 2020**

The regular meeting of the Board of Trustees of the Consolidated Mosquito Abatement District was held at the District Office, in Parlier, and by teleconference at 1:00 PM on December 21, 2020.

1. **Roll Call:**

Trustees Present at the Parlier Office: None

Trustees Present by Teleconference:

Peggy Brisendine	Fresno
David Cardenas	Fowler
Pete Esraelian	Selma
Tok Fukuda	Kingsburg
Mary Anne Hill	County of Fresno
Charles Lockhart	Orange Cove
Dan Munk	Reedley
Karl Peterson	Clovis
Joe Reyna	Parlier
Bruce Taylor	County of Fresno

Trustees Absent:

Karen Steinhauer	Sanger
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Others Present:

Steve Mulligan	District Manager – Present by Teleconference
Karan Cox	Administrative Assistant – Present in Office
Jodi Holeman	Superintendent of Operations – Present by Teleconference

2. **President Munk called the meeting to order at 1:07 PM:**

3. **Public Comments:** None.

4. **Approval of November Minutes:** A motion was made by Trustee Reyna, seconded by Trustee Taylor and passed by a 10 – 0 – 1 roll call vote (Steinhauer absent) to approve the minutes of the November 16, 2020 Board meeting.

5. **Approval of November Payroll:** A motion was made by Trustee Esraelian, seconded by Trustee Lockhart and passed by a 10 – 0 – 1 roll call vote (Steinhauer absent) to approve the November payroll checks having District numbers, 25404 – 25429, 25438 – 25458, and 25471 in the total amount of \$90,478.10.

6. **Approval of November Bills:** A motion was made by Trustee Fukuda, seconded by Trustee Esraelian and passed by a 10 – 0 - 1 roll call vote (Steinhauer absent) to approve the November commercial checks having District numbers, 25425 – 25426, 25430 – 25437, 25453 – 25454 and 25459 – 25497 in the total amount of \$194,633.66.

7. **Purchase of New Vehicles:** Administrative Assistant Cox opened sealed price quotations for the purchase of two (2) 2021 one-half ton 2WD trucks, four (4) 2021 one-half ton 4WD trucks and (1) 2021 one-ton 4WD truck. A motion was made by Trustee Taylor, seconded by Trustee Reyna and passed by a 10 – 0 – 1 roll call vote (Steinhauer absent) to accept the lowest, qualified bids as per District specifications from Swanson Fahrney Ford for all vehicles.

The quotations received for the vehicles, total price including sales tax, are listed below:

<u>Dealer</u>	<u>Vehicle</u>	<u>Total Price</u>
Future Ford	2 Ford F150 2WD trucks	\$53,616.86
Swanson Fahrney Ford	2 Ford F150 2WD trucks	\$49,928.05
Future Ford	4 Ford F150 4WD trucks	\$121,883.12
Swanson Fahrney Ford	2 Ford F150 4WD trucks	\$113,586.95
Future Ford	1 Ford F350 4WD truck	\$32,022.03
Swanson Fahrney Ford	1 Ford F350 4WD truck	\$29,980.14

8. **CalPERS Unfunded Liability:** The Board reviewed CalPERS reports dated November 19, 2020 regarding lump sum payments made to reduce the Unfunded Accrued Liability for the District’s Classic and PEPRA Plans. The Board requested that the item be brought back for further consideration at the February meeting.

9. **Closed Session: Conference with Real Property Negotiator under Government Code Section 54956.8.**

a. **Property:** 1325 I Street, Reedley, CA; APN 368-271-11T.

b. **Agency Negotiator:** Steve Mulligan.

c. **Negotiating Parties:** Consolidated Mosquito Abatement District and Prospective Buyers.

d. **Under Negotiation:** Price and Terms of Sale.

10. **Report from Closed Session:** No reportable action was taken.

11. **Mandated training requirements:** The Manager discussed mandates for District trustees to maintain biennial training requirements for AB 1825 (Prevention of Workplace Harassment, Discrimination and Retaliation) and AB 1234 (Ethics). Online training is available for District trustees and staff through the VCJPA and ERMA. Trustees are required to maintain training.
12. **Change January Board Meeting Date:** A motion was made by Trustee Taylor, seconded by Trustee Esraelian and passed by a 10 – 0 – 1 roll call vote (Steinhauer absent) to cancel the January regular Board meeting and call for a special Board meeting on January 19, 2021.
13. **Virtual annual meetings:** A motion was made by Trustee Fukuda, Seconded by Trustee Esraelian and passed by a 10 – 0 – 1 roll call vote (Steinhauer absent) to approve all staff and interested trustees to attend the virtual annual conference of the MVCAC February 1-3, 2021 and staff as selected by the Manager and interested trustees to attend the virtual annual meeting of the AMCA March 2-5, 2021.
14. **Board General Discussion:** Trustee Hill asked whether there had been any reports on trustee appointment/re-appointment from appointing bodies. None have been reported to the District.
15. **Staff Reports:** The Manager reported that the District’s COVID-19 Prevention Program is being updated and amended to conform with Cal OSHA mandates and state requirements.
16. **Adjournment:** The meeting was adjourned at 3:00 PM. The next Board meeting will be held on Tuesday, January 19, 2021.

Karen Steinhauer
Vice President/Secretary

**Consolidated Mosquito Abatement District
Payroll Expenses
December 2020**

Check #	Gross Pay	Net Pay	Payee	Description
25498	\$2,410.50	\$1,623.43	Amy Garcia	Full-Time Employee
25499	\$2,649.00	\$1,818.26	Brittany Deegan	Full-Time Employee
25500	\$2,649.00	\$1,928.63	Chris Monis	Full-Time Employee
25501	\$2,238.00	\$1,627.74	Conner Schaak	Full-Time Employee
25502	\$2,649.00	\$1,809.40	David Parker	Full-Time Employee
25503	\$2,436.00	\$1,702.39	Devon Cornel	Full-Time Employee
25504	\$3,000.50	\$1,955.24	Emma Lee	Full-Time Employee
25505	\$2,414.46	\$1,644.51	Gha Vang	Full-Time Employee
25506	\$4,350.00	\$3,088.80	Jodi Holeman	Full-Time Employee
25507	\$2,649.00	\$1,577.17	Jose Moreno	Full-Time Employee
25508	\$2,238.00	\$1,593.34	Jovana Benavides	Full-Time Employee
25509	\$2,920.50	\$2,000.12	Karan Cox	Full-Time Employee
25510	\$3,655.00	\$2,305.43	Katherine Ramirez	Full-Time Employee
25511	\$6,000.00	\$4,094.47	Steve Mulligan	Full-Time Employee
25528	\$2,410.50	\$1,623.43	Amy Garcia	Full-Time Employee
25529	\$2,649.00	\$1,818.26	Brittany Deegan	Full-Time Employee
25530	\$300.00	\$277.05	Bruce Taylor	Trustee
25531	\$300.00	\$277.05	Charles Lockhart	Trustee
25532	\$2,649.00	\$1,929.31	Chris Monis	Full-Time Employee
25533	\$2,238.00	\$1,627.75	Conner Schaak	Full-Time Employee
25534	\$300.00	\$277.05	Dan Munk	Trustee
25535	\$300.00	\$277.05	David Cardenas	Trustee
25536	\$2,649.00	\$1,810.08	David Parker	Full-Time Employee
25537	\$2,436.00	\$1,702.41	Devon Cornel	Full-Time Employee
25538	\$3,000.50	\$1,957.07	Emma Lee	Full-Time Employee
25539	\$2,934.72	\$2,039.27	Gha Vang	Full-Time Employee
25540	\$4,350.00	\$3,089.48	Jodi Holeman	Full-Time Employee
25541	\$300.00	\$277.05	Joe Reyna	Trustee
25542	\$2,649.00	\$1,577.38	Jose Moreno	Full-Time Employee
25543	\$2,238.00	\$1,593.35	Jovana Benavides	Full-Time Employee
25544	\$2,920.50	\$2,000.12	Karan Cox	Full-Time Employee
25545	\$200.00	\$184.70	Karen Steinhauer	Trustee
25546	\$300.00	\$277.05	Karl Peterson	Trustee
25547	\$3,655.00	\$2,305.44	Katherine Ramirez	Full-Time Employee
25548	\$300.00	\$277.05	Mary Anne Hill	Trustee
25549	\$300.00	\$277.05	Peggy Brisendine	Trustee
25550	\$300.00	\$277.05	Pete Esraelian	Trustee
25551	\$6,000.00	\$4,068.45	Steve Mulligan	Full-Time Employee
25552	\$300.00	\$277.05	Tokuo Fukuda	Trustee
Total	\$88,238.18	\$60,865.93		

**Consolidated Mosquito Abatement District
Payroll Expenses
December 2020**

Employee Deductions and Liabilities

Check #	Amount	Payee	Description
25512	\$1,623.85	EDD	State Income Tax
25513	\$7,718.50	CMAD	Federal, Social Security, Medicare
25514	\$2,885.46	CalPERS	Retirement
25515	\$750.00	ICMA	457K Retirement
25516	\$150.00	Valley First Credit Union	Credit Union
25517	\$150.00	California State Disbursement	Garnishment
25518	\$277.48	Aflac	Disability Insurance
25553	\$1,642.04	EDD	State Income Tax
25554	\$8,083.99	CMAD	Federal, Social Security, Medicare
25555	\$2,953.97	CalPERS	Retirement
25556	\$750.00	ICMA	457K Retirement
25557	\$150.00	Valley First Credit Union	Credit Union
25558	\$150.00	California State Disbursement	Garnishment
25564	\$86.96	Mutual of Omaha	Life Insurance
Total Deductions	\$27,372.25		
Total Net Pay	\$60,865.93		
Total Gross Pay	\$88,238.18		

**Consolidated Mosquito Abatement District
Maintenance and Operations Expenses
December 2020**

Bank of the West Checks

Check #	Amount	Payee	Description
25513	\$3,215.50	CMAD	District Social Security & Medicare
25514	\$3,612.07	CalPERS	District Retirement
25519	\$838.30	Central California VCJPA	Dental / Vision Premium
25520	\$555.75	City of Clovis	Water Sewer Disposal
25521	\$620.33	City of Parlier	Water Sewer Disposal
25522	\$1,372.58	PG&E	Heat Light Power
25523	\$35.29	Republic Services	Disposal
25524	\$103.73	City of Sanger	Water Sewer Disposal
25525	\$10,860.32	SDRMA	Health Insurance Premium
25526	\$527.14	SoCal Gas	Heat
25527	\$99.13	Wex Bank - Chevron	Fuel
25554	\$3,521.99	CMAD	District Social Security & Medicare
25555	\$3,630.46	CalPERS	District Retirement
25559	\$200.76	AT&T	Telephone
25560	\$33.59	California Water Service	Water
25561	\$33.19	PG&E	Heat Light Power
25562	\$824.14	Verizon Wireless	Cellular Phones & Field Tablet Service
25563	\$166.25	Wex Bank Chevron	Fuel
25564	\$211.12	Mutual of Omaha	Life Insurance
25565	\$95.53	AutoZone, Inc.	Repair Parts
25566	\$11.12	Bank of the West	Bank Fees
25567	\$126.26	Battery Systems, Inc.	Batteries
25568	\$945.86	California Industrial Rubber	Field Equipment
25569	\$1,166.76	CitiBusiness Card	Misc Office Expenses / Postage / Fuel
25570	\$300.00	Digital Deployment	Website Design & Maintenance
25571	\$39.95	DoorKing, Inc.	Gate Service
25572	\$48.18	FedEx	Mosquito Sample Shipping
25573	\$221.18	Home Depot	Shop Supplies / Tools
25574	\$1,283.22	Jorgensen & Company	Safety Supplies
25575	\$82.95	Kimball Midwest	Shop Supplies / Tools
25576	\$81.00	Lee's Service	Tire Disposal
25577	\$498.39	Mission Uniform Service	Uniforms & Safety
25578	\$615.68	Napa Auto Parts	Repair Parts / Lubricants
25579	\$128.34	Nelson's Ace Hardware	Building & Ground / Field Equipment
25580	\$18.43	Nelson's Power Center	Field Equipment
25581	\$123.14	Office Depot	Misc Office Supplies
25582	\$1,315.26	O'Reilly Auto Parts	Repair Parts
25583	\$6.93	PBM Supply & Mfg.	Field Equipment
25584	\$363.35	Provost & Prichard Consulting	Environmental Site Assessment

**Consolidated Mosquito Abatement District
Maintenance and Operations Expenses
December 2020**

Check #	Amount	Payee	Description
25585	\$90.00	Specialized Air Conditioning	Heat Maintenance
25586	\$81.95	Target Specialty Products	Field Equipment
25587	\$322.16	Tire Hub	Tires
25588	\$836.38	Valero	Fuel
25589	\$72.85	Wizix Technology Group	Copier Maintenance
Total	\$39,336.51		

County of Fresno Checks

Check #	Amount	Payee	Description
292431	\$64,164.35	Consolidated Mosquito	Transfer funds to checking
292432	\$54,237.39	Consolidated Mosquito	Transfer funds to checking
292433	\$9,172.95	Consolidated Mosquito	Transfer funds to checking
	\$127,574.69		

Summary of December Expenses

December 2020 Salaries & Wages	\$88,238.18
December 2020 Maintenance & Operations	\$39,336.51
Total December 2020 Expenditures	\$127,574.69

Consolidated Mosquito Abatement District Monthly Expenditures

ACCOUNT NUMBER	ACCOUNT NAME	BUDGET FY 2020/2021	SPENT TO DATE	BALANCE DEC 31, 2020
<u>SALARIES, WAGES & EMPLOYEE BENEFITS</u>				
6101-01	Salaried Wages	\$1,050,000.00	\$491,953.50	\$558,046.50
6101-06	Hourly Wages & Extra Help	\$615,000.00	\$282,207.86	\$332,792.14
6101-02	FICA Employers Contribution	\$130,000.00	\$59,333.17	\$70,666.83
6101-03	Unemployment Insurance	\$24,000.00	\$4,855.19	\$19,144.81
6101-04	Retirement District's Payment	\$160,000.00	\$224,005.42	(\$64,005.42)
6101-05	Group Health Insurance	\$220,000.00	\$84,898.34	\$135,101.66
6101-07	Pre-Employment & Misc. Expenses	\$8,000.00	\$302.75	\$7,697.25
	TOTALS	\$2,207,000.00	\$1,147,556.23	\$1,059,443.77
<u>OPERATING & MAINTENANCE SUPPLIES & EXPENSE</u>				
6102-01	Insecticides & Herbicides	\$450,000.00	\$137,834.72	\$312,165.28
6102-02	Power Spray & Field Equipment	\$25,000.00	\$4,297.72	\$20,702.28
6102-03	Misc Operating Supplies & Expense	\$8,000.00	\$2,438.79	\$5,561.21
6102-05	Building & Ground Maintenance	\$35,000.00	\$7,160.71	\$27,839.29
6102-06	Airplane Expense	\$3,000.00	\$0.00	\$3,000.00
	TOTALS	\$521,000.00	\$151,731.94	\$369,268.06
<u>MOTOR VEHICLE SUPPLIES & EXPENSE</u>				
6103-01	Fuel & Lubricants	\$175,000.00	\$45,787.47	\$129,212.53
6103-02	Repairs & Shop Tools	\$50,000.00	\$10,095.49	\$39,904.51
6103-03	Tires & Batteries	\$14,000.00	\$2,728.80	\$11,271.20
	TOTALS	\$239,000.00	\$58,611.76	\$180,388.24
<u>UTILITIES & COMMUNICATIONS</u>				
6104-01	Heat, Light & Power	\$48,000.00	\$16,104.80	\$31,895.20
6104-04	Water Sewer & Disposal	\$20,000.00	\$7,117.99	\$12,882.01
6105-01	Telephone	\$24,000.00	\$8,160.31	\$15,839.69
6105-02	Cellular Phones	\$22,000.00	\$8,297.88	\$13,702.12
	TOTALS	\$114,000.00	\$39,680.98	\$74,319.02
<u>OFFICE SUPPLIES & EXPENSE</u>				
6106-02	Postage, Printing & Stationery	\$4,000.00	\$711.00	\$3,289.00
6106-04	Repairs & Maintenance	\$8,000.00	\$533.52	\$7,466.48
6106-05	Misc Office Supplies	\$15,000.00	\$4,276.38	\$10,723.62
6106-06	Office Equipment & Furniture	\$13,000.00	\$1,776.64	\$11,223.36
	TOTALS	\$40,000.00	\$7,297.54	\$32,702.46
<u>INSURANCE</u>				
6107-01	Liability, Property & Auto	\$76,000.00	\$75,536.06	\$463.94
6107-02	Workers Compensation	\$78,000.00	\$75,207.00	\$2,793.00
	TOTALS	\$154,000.00	\$150,743.06	\$3,256.94

**Consolidated Mosquito Abatement District
Monthly Expenditures**

ACCOUNT NUMBER	ACCOUNT NAME	BUDGET FY 2020/2021	SPENT TO DATE	BALANCE DEC 31, 2020
<u>TRAVEL & SUBSISTENCE EXPENSE</u>				
6108-01	Meetings & Travel Allowance	\$65,000.00	\$346.00	\$64,654.00
6108-02	Trustee Allowance	\$1,000.00	\$0.00	\$1,000.00
6108-03	Meal Allowance	\$7,000.00	\$0.00	\$7,000.00
	TOTALS	\$73,000.00	\$346.00	\$72,654.00
<u>MISCELLANEOUS EXPENDITURES</u>				
6109-01	Rent: Land, Buildings and Equipment	\$5,000.00	\$0.00	\$5,000.00
6109-02	Dues, Subscriptions and Fees	\$30,000.00	\$14,630.39	\$15,369.61
6109-03	Education & Publicity	\$30,000.00	\$383.95	\$29,616.05
6109-04	Accounting	\$5,000.00	\$0.00	\$5,000.00
6109-05	Legal	\$12,000.00	\$1,360.00	\$10,640.00
6109-06	County Service Charge	\$0.00	\$0.00	\$0.00
6109-07	Uniforms, Safety Apparel & Equipment	\$23,000.00	\$9,296.84	\$13,703.16
6109-08	Surveillance & Research	\$65,000.00	\$27,401.57	\$37,598.43
6109-09	Other Miscellaneous Expenditures	\$0.00	\$0.00	\$0.00
6109-10	GIS & GPS	\$80,000.00	\$17,033.71	\$62,966.29
	TOTALS	\$250,000.00	\$70,106.46	\$179,893.54
TOTAL OPERATIONAL EXPENDITURES		\$3,598,000.00	\$1,626,073.97	\$1,971,926.03
<u>CAPITAL OUTLAY</u>				
6110-01	Office & Lab Furniture & Equipment	\$10,000.00	\$0.00	\$10,000.00
6110-02	Auto Equipment	\$100,000.00	\$0.00	\$100,000.00
6110-03	Shop Equipment	\$10,000.00	\$0.00	\$10,000.00
6110-04	Field Equipment	\$15,000.00	\$0.00	\$15,000.00
6110-05	Building & Ground Improvement	\$50,000.00	\$0.00	\$50,000.00
6110-06	Loan & Lease Purchase Payments	\$290,000.00	\$0.00	\$290,000.00
	TOTAL CAPITAL OUTLAY EXPENDITURES	\$475,000.00	\$0.00	\$475,000.00
TOTAL EXPENDITURES		\$4,073,000.00	\$1,626,073.97	\$2,446,926.03
<u>SPECIAL PROJECTS RESERVE</u>		\$250,000.00	\$0.00	\$250,000.00
<u>CONTINGENT LIABILITY RESERVE</u>		\$300,000.00	\$0.00	\$300,000.00
<u>BUILDING RESERVE</u>		\$500,000.00	\$0.00	\$500,000.00
<u>EQUIPMENT RESERVE</u>		\$200,000.00	\$0.00	\$200,000.00
<u>GENERAL RESERVE</u>		\$3,433,000.00	\$0.00	\$3,433,000.00
	TOTAL RESERVES	\$4,683,000.00	\$0.00	\$4,683,000.00
TOTAL EXPENDITURES AND RESERVES		\$8,756,000.00	\$1,626,073.97	\$7,129,926.03

**Consolidated Mosquito Abatement District
Monthly Expenditures**

FRESNO COUNTY ACCOUNT- BANK OF THE WEST

CASH ON HAND, NOVEMBER 30, 2020	\$4,344,092.88
PROPERTY TAXES WITHHELD BY FRS COUNTY	\$0.00
DECEMBER REVENUE	\$0.00
DECEMBER INTEREST	\$21,828.24
TAXES - FRESNO COUNTY / KINGS COUNTY	<u>\$1,865,581.60</u>
TOTAL REVENUE FOR DECEMBER	<u>\$1,887,409.84</u>
SUB-TOTAL	\$6,231,502.72
COUNTY ADMIN COST FOR FY WITHHELD BY COUNTY	\$0.00
MONEY TRANSFERRED TO CHECKING	<u>(\$127,574.69)</u>
CASH ON HAND, DECEMBER 31, 2020	\$6,103,928.03

YEARLY REVENUE THROUGH 11-30-20	\$85,983.15
DECEMBER REVENUE	<u>\$1,887,409.84</u>
YEARLY REVENUE THROUGH 12-31-20	\$1,973,392.99

CMAD CHECKING ACCOUNT - BANK OF THE WEST

CASH ON HAND, NOVEMBER 30, 2020	\$135,000.00
MONEY TRANSFERRED FROM FRS CO ACCT	\$127,574.69
DECEMBER EXPENDITURES	<u>(\$127,574.69)</u>
CASH ON HAND, DECEMBER 31, 2020	\$135,000.00

SAVINGS ACCOUNT- CITIBANK

CASH ON HAND, NOVEMBER 30, 2020	\$14,108.15
INTEREST EARNED FOR DECEMBER	\$0.60
CASH ON HAND, DECEMBER 31, 2020	<u>\$14,108.75</u>

COUNTY OF FRESNO
AUDITOR - CONTROLLER / TREASURER - TAX COLLECTOR
SPECIAL ACCOUNTING DIVISION
SPECIAL DISTRICT / ORGANIZATION DATA SHEET

FUND: 4580
SUBCLASS: 10000
DATE: 1/19/2021

Special District/Organization: Consolidated Mosquito Abatement District

ADDRESS: Mailing: PO Box 784 Physical: 13151 E. Industrial Dr.
Parlier, CA 93648 Parlier, Ca 93648

CUSTODIAN: Of Records: Karan Cox Of Checks: Karan Cox
Name Name
kcox@mosquitobuzz.net kcox@mosquitobuzz.net
Email address Email address
(559)896-1085 (559)896-1085
Phone Number Phone Number
PO Box 784 PO Box 784
Address Address
Parlier, CA 93648 Parlier, Ca 93648

<u>BOARD MEMBER NAME</u>	<u>TITLE</u>	<u>SIGNATURE</u>
	President	
	Vice-President / Secretary	
When are regular meetings of the governing board held: <u>The third Monday of each month at 1:00pm</u>		

AUTHORIZED SIGNATURES

The following individuals are authorized to sign checks on the Fresno County Treasury by statute or resolution of the governing board:

<u>NAME</u>	<u>TITLE</u>	<u>SIGNATURE</u>
David Cardenas	Trustee	
Pete Esraelian	Trustee	
Tokuo Fukuda	Trustee	
Dan Munk	Trustee	
Joe Reyna	Trustee	
Karen Steinhauer	Trustee	
Bruce Taylor	Trustee	
Steve Mulligan	District Manager	

How many signatures are required on checks? Two (2)

The employees listed below are authorized to pick up:

VALIDATED CHECKS
Steve Mulligan
Karan Cox

BLANK CHECK STOCK
Steve Mulligan
Karan Cox

Consolidated Mosquito Abatement District

Investment Report

Quarter Ending December 31, 2020

A review of the financial statements indicates there are sufficient funds to meet the expected requirements for the next six months.

The Fresno County Treasury is the primary investment instrument for District funds, including the District's unobligated fund maintained by the Central California Vector Control Joint Powers Agency. A business checking account at Bank of the West is maintained by the District for payment of District payroll and bills. A savings account at CitiBank is maintained by the District for electronic payment of payroll taxes to the Internal Revenue Service. Copies of the most recent financial statements from these institutions are attached.

The foregoing accounts, cash and investments of the Consolidated Mosquito Abatement District are in conformity with the District's Investment Policy.

Respectfully submitted,



Steve Mulligan
District Manager

Report ID: GLSF9109
 Program: GLSF9109

Peoplesoft
 MONTHLY GENERAL LEDGER TRIAL BALANCE

Fiscal Year 2021
 Through Period 6

Page No. 1
 Run Date 01/05/2021
 Run Time 09:57:37

Fund:	4580	Beginning Balance		Year-to-Date		Current	
Consolidated	Mosquito Abtmt	Debit Accts	Credit Accts	Debits	Transaction Credits	Debits Accts	Balances Credit Accts
Subclass:	10000						
General Subclass							
0110	Cash In Treasury	5,891,076.22		240,459.49	0.00	6,131,535.71	0.00
0315	Interest Receivable	28,363.81		0.00	28,363.81	0.00	0.00
1435	Due To Other Governmental	0.00	7,898,119.01	0.00	2,066.01	0.00	7,900,185.02
1450	Deposits Held For Others-T	0.00	1,668.49	0.00	0.00	0.00	1,668.49
1480	Fiduciary Closing	0.00	17,955,256.01	0.00	0.00	0.00	17,955,256.01
2230	Fund Balance - Unassigned	0.00	-19,935,603.48	0.00	0.00	0.00	-21,679,658.70
3005	RDA ABX1 26 Property Tax	0.00		1,744,055.22	0.00	0.00	0.00
3006	Redev Tax Increm Reimb	0.00		0.00	0.00	0.00	0.00
3008	Suppl-Prior Secured	0.00		0.00	0.00	0.00	0.00
3010	Property Taxes-Current Sec	0.00		0.00	1,728.98	0.00	1,728.98
3011	Suppl-Current Secured	0.00		0.00	1,865,581.60	0.00	1,865,581.60
3017	Property Taxes-Curr Unsec	0.00		0.00	23,291.85	0.00	23,291.85
3030	Penalties & Costs-Dellng T	0.00		0.00	32,464.73	0.00	32,464.73
3046	Joint County Funds	0.00		0.00	709.01	0.00	709.01
3380	Interest	0.00		0.00	338.30	0.00	338.30
5804	ABX126 Other Revenue	0.00		0.00	23,793.91	0.00	23,793.91
	SUB CLASS TOTAL	5,919,440.03	5,919,440.03	1,984,514.71	1,984,514.71	6,131,535.71	6,131,535.71

End of Report



BANK OF THE WEST
BNP PARIBAS

P.O. Box 2830, Omaha, NE 68103-2830

Account Statement

December 1, 2020 - December 31, 2020

Page 1 of 12



>003846 5705907 0001 008230 20Z
 CONSOLIDATED MOSQUITO DISTRICT
 P O BOX 784
 PARLIER CA 93648-0784



At your service



bankofthewest.com



1-800-488-2265



1-800-659-5495 TTY

03846 5705907 010777 021553 0001/0006

REGULAR BUSINESS CHECKING

CONSOLIDATED MOSQUITO DISTRICT

ACCOUNT SUMMARY

Beginning Balance	\$173,438.55
0 Credits	0.00
2 Deposits	266,760.75
15 Withdrawals	-200,837.04
76 Checks	-85,994.14
Ending Balance	\$153,368.12

EARNINGS SUMMARY

Interest this statement period	\$0.00
Interest credited year-to-date	\$0.00
Annual percentage yield earned	0.00%
Average monthly balance	\$186,496.41



For your protection:

Examine this statement promptly. Any discrepancy must be reported within 30 days. Consumer customers: A discrepancy regarding an electronic payment or line of credit must be reported within 60 days.

In South Dakota, Bank of the West operates under the name of Bank of the West California.





Citibank CBO Services 987
 P.O. Box 6201
 Sioux Falls, SD 57117-6201

00029202 BB CCC 366 JSW3#5NC AM1 0R1 0

CitiBusiness®

001/R1/Q4/F013

000
 CITIBANK, N. A.
Account

00006413
 3212

CONSOLIDATED MOSQUITO
 ABATE DISTRICT
 PO BOX 784
 PARLIER CA 93648



Statement Period
 Dec 1 - Dec 31, 2020
Relationship Manager
 US SERVICE CENTER
 1-877-528-0990

Page 1 of 2

CitiBusiness® ACCOUNT AS OF DECEMBER 31, 2020

Relationship Summary:

Checking	*****
Savings	\$14,108.75
Checking Plus	*****

SUGGESTIONS AND RECOMMENDATIONS

Currently, Citibank does not impose an extended delay on the redeposit of check(s) returned unpaid. Therefore, effective immediately, the "Exceptions to Citibank's Standard Funds Availability Policy" section of the CitiBusiness Client Manual and the U.S. Citi Commercial Bank Master Account Service and Terms Agreement is amended as follows: The subsection titled "Redeposit of Check(s) Returned Unpaid" is deleted in its entirety.

SERVICE CHARGE SUMMARY FROM NOVEMBER 1, 2020 THRU NOVEMBER 30, 2020

Type of Charge	No./Units	Price/Unit	Amount
CITIBUSINESS IMMA #			
Average Daily Collected Balance			\$14,107.58
Total Charges for Services			\$0.00
Net Service Charge			\$0.00

SAVINGS ACTIVITY

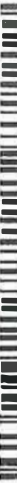
CitiBusiness IMMA

Date	Description	Debits	Credits	Balance
			Beginning Balance:	\$14,108.15
			Ending Balance:	\$14,108.75
12/31	INTEREST EARNED		0.60	14,108.75

Interest earned year to date \$8.40

Your CitiBusiness IMMA Account Rates

For Balances of	\$0 to \$24,999	\$25,000 to \$49,999	\$50,000 to \$99,999	\$100,000 to \$499,999	\$500,000 to \$999,999	\$1,000,000 to \$9,999,999	\$10,000,000 and over
12/01 - 12/14	0.050%	0.050%	0.050%	0.080%	0.080%	0.080%	0.080%
12/15 - 12/31	0.050%	0.050%	0.050%	0.050%	0.050%	0.050%	0.050%



**Consolidated Mosquito Abatement District
Board of Trustees
2020 Meeting Attendance Record**

Trustee Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Peggy Brisendine													
Regular Meeting	X	X	X	X	X	X	X	X	X	X	X	X	12
Committee Meeting													
Special Meeting								X					1
David Cardenas													
Regular Meeting	A	A	X	X	X	X	X	A	X	X	X	X	9
Committee Meeting													
Special Meeting								X					1
Pete Esraelian													
Regular Meeting	X	X	X	A	X	X	X	X	X	X	X	X	11
Committee Meeting						X							1
Special Meeting								X					1
Tokuo Fukuda													
Regular Meeting	X	X	X	X	X	X	X	X	X	X	X	X	12
Committee Meeting						X							1
Special Meeting								X					1
Mary Anne Hill													
Regular Meeting	X	X	X	X	X	X	X	X	X	X	X	X	12
Committee Meeting													
Special Meeting								X					1
Charles Lockhart													
Regular Meeting	X	X	X	X	X	A	X	A	X	X	X	X	11
Committee Meeting													
Special Meeting								X					1
Dan Munk													
Regular Meeting	X	X	X	X	X	X	X	X	X	X	X	X	12
Committee Meeting						X							1
Special Meeting								X					1
Karl Peterson													
Regular Meeting	X	X	X	X	X	X	X	X	X	X	X	X	12
Committee Meeting													
Special Meeting								X					1
Joe Reyna													
Regular Meeting	X	X	X	X	X	X	X	X	X	X	X	X	12
Committee Meeting						X							1
Special Meeting								X					1
Karen Steinhauer													
Regular Meeting	X	X	X	X	X	X	X	X	X	X	X	A	11
Committee Meeting						X							1
Special Meeting								X					1
Bruce Taylor													
Regular Meeting	X	X	X	X	X	X	X	X	X	X	X	X	12
Committee Meeting						X							1
Special Meeting								X					1
Regular Meeting Attendance	10	10	11	10	11	10	11	9	11	11	11	10	

FILED

FEB 07 2020

FRESNO COUNTY SUPERIOR COURT
By _____

1 Dale E. Bacigalupi, State Bar # 97197
2 **LOZANO SMITH**
3 7404 N. Spalding Avenue
4 Fresno, CA 93720-3370
5 Telephone: (559) 431-5600
6 Facsimile: (559) 261-9366
7 E-mail: dbacigalupi@lozanosmith.com

8 Attorneys for Consolidated Mosquito Abatement District

RECEIVED
1/24/2020 3:33 PM
FRESNO COUNTY SUPERIOR COURT
By: A. Ramos, Deputy

9 SUPERIOR COURT OF THE STATE OF CALIFORNIA
10 COUNTY OF FRESNO

11 In Re:

Case No. 20CECG00315

12 CONSOLIDATED MOSQUITO
13 ABATEMENT DISTRICT,

WARRANT TO INSPECT AND ABATE

14 Petitioner.

15
16
17 **INSPECTION AND ABATEMENT**

18 TO COMPLIANCE AGENTS, OFFICERS, AND/OR EMPLOYEES OF THE CONSOLIDATED
19 MOSQUITO ABATEMENT DISTRICT ("DISTRICT"), ANY REPRESENTATIVE THEREOF, AND
20 ANY SHERIFF, POLICEMAN, OR PEACE OFFICER IN THE COUNTY OF FRESNO:

21 Proof by Declaration of Steve Mulligan of the District, having been made before the above-
22 entitled Court that there is probable cause to believe that all pools, spas, water features, and other water-
23 holding containers (e.g., buckets, pots (with or without plants), pot bases, ornamental ponds, decorative
24 fountains, birdbaths, animal water dishes, bowls, toys, plastic containers, broken appliances, discarded
25 tires, portable pools, cisterns, leaking water supplies, evaporative coolers, gutters, yard drains, drain
26 pipes, and utility company vaults and subsurface structures, among others) on the properties within the
27 District are potential mosquito breeding sources for vectors of West Nile virus (WN), Saint Louis
28 encephalitis virus (SLE), Western equine encephalomyelitis virus (WEE), Dengue (DEN), Chikungunya

WARRANT TO INSPECT AND ABATE

LOZANO SMITH
7404 N. Spalding Avenue Fresno, CA 93720-3370
Tel. 559-431-5600 Fax 559-261-9366

LOZANO SMITH
7404 N. Spalding Avenue Fresno, CA 93720-3370
Tel 559-431-5600 Fax 559-261-9366

1 virus (CHIK), Zika virus, and other mosquito-borne diseases and must be inspected and treated and that
2 the risk of public health danger is imminent and will last through November 30, 2020, the Court issues
3 the Warrant to Inspect and Abate as herein contained. By this reference, the Declaration of Steve
4 Mulligan, which accompanies this warrant, is incorporated herein as if stated in full herein.

5 The District's jurisdiction includes the incorporated areas of the following municipalities:
6 Clovis, Fowler, Kingsburg, Orange Cove, Parlier, Reedley, Sanger, Selma and a portion of the City of
7 Fresno, and the communities of Caruthers, Del Rey, Friant, Laton, Raisin City and Riverdale, all within
8 Fresno County (collectively hereinafter, the "District's Jurisdiction").

9 This warrant is an area-warrant, authorizing the District to enter all properties within the
10 District's Jurisdiction for purposes of inspecting and abating health and safety conditions described
11 more fully in the Declaration of Steve Mulligan. Area warrants of this type were upheld in the case of
12 *Camara v. Municipal Court of San Francisco* (1967) 387 U. S. 523. As the United States Supreme
13 Court recognized in that case, when health and safety issues arise, an agency's need "to conduct an area
14 inspection is unavoidably based on its appraisal of conditions in the area as a whole, not on its
15 knowledge of conditions in each particular building. (*Id.* at 536.) For this reason, the Court further
16 noted that area warrants have historically been used to prevent epidemics and are therefore of
17 "indispensable importance to the maintenance of community health." (*Id.* at 537.)

18 **THE MANAGEMENT AND STAFF OF THE CONSOLIDATED MOSQUITO**
19 **ABATEMENT DISTRICT ARE THEREFORE COMMANDED AND AUTHORIZED:**

20 Commencing on February 15, 2020, or as soon thereafter as practicable, and for a period
21 extended through and including November 30, 2020, to enter the exterior of any property in the
22 District's Jurisdiction when the District has reasonable cause to believe that said property contains a
23 pool, spa, water feature, other water-holding container, or any residential mosquito breeding source or
24 mosquito harborage. You may enter the exterior area of these properties for the purpose of inspecting
25 for the presence of immature or adult stages of mosquitoes, including eggs, larvae or pupae, that are
26 potentially capable of transmitting West Nile virus, Saint Louis encephalitis virus, Western equine
27 encephalomyelitis virus, Dengue, Chikungunya virus, Zika virus, and other mosquito-borne diseases
28 once they become adults. Once it is determined by you that mosquito breeding or harborage is

LOZANO SMITH
7404 N. Spalding Avenue Fresno, CA 93720-3370
Tel 559-431-5600 Fax 559-261-9366

1 occurring, you may identify the various mosquito stages that are present and utilize insecticides,
2 mosquitofish, source elimination methods, and any and all other authorized control measures. A peace
3 officer may use reasonable force to enter a property to be inspected.

4 Prior to entering each said property, you shall knock on the front door of the property and request
5 voluntary consent to enter the property. If you do not receive consent for any reason, you may
6 immediately enter the exterior of the property to conduct the inspection, testing, evaluation and
7 treatment. You may use minimal reasonable force to enter an area (e.g., opening, unlocking, or
8 otherwise entering into areas behind locked fences and gates) of any property within the District's
9 Jurisdiction if you have reasonable cause to believe that said area contains a pool, spa, water feature,
10 other water-holding container or any residential mosquito breeding source, or that harbors mosquitoes.

11 Upon identification of mosquitoes that are potentially capable of transmitting West Nile virus,
12 Saint Louis encephalitis virus, Western equine encephalomyelitis virus, Dengue, Chikungunya, Zika
13 virus, or other mosquito-borne diseases, once they become adults, you may take any and all necessary
14 actions to inspect, evaluate, test, treat, remediate, and abate such conditions consistent with applicable
15 Federal, State and local regulations.

16 This warrant may only be executed between the hours of 6:30 a.m. and 6:30 p.m. each day it is in
17 effect.

18 You shall file a return with this Court by December 30, 2020, which sets forth for the Court
19 proof that your actions under this Inspection and Abatement Warrant were consistent with the terms and
20 conditions of the Warrant.

21
22
23 Dated: February 7, 2020



Judge of the Superior Court

AGENDA ITEM 14: COVID-19 PREVENTION PROGRAM AND COVID-19 PAID LEAVE

Background: The COVID-19 pandemic continues to pose a global health risk. COVID-19 exposure rates and potential for infection remain high and will continue as such for the months ahead. Risk likelihood for exposure and infection exists in workplaces. Our District early on took steps to minimize and prevent exposure to employees and the public by developing COVID-19 Prevention Guidelines. District guidelines incorporated mandates and recommendations from CDC, California Department of Public Health and the Fresno County Department of Public Health (FCDPH). New COVID-19 Emergency Temporary Standards have been adopted by Cal/OSHA as mandates beginning January 1, 2021. Further AB 685 requires notification to employees of potential worksite exposure. District Superintendent of Operations has updated the District's Guidelines to comply with requirements and mandates. The new Covid-19 Prevention Program (attached) is recommended for approval by the Board as presented and to be amended as necessary to comply with additional mandates.

The Families First Coronavirus Response Act (FFCRA) required employers, including the District, to provide employees with paid sick leave and expanded family and medical leave (FMLA) for specific reasons related to COVID-19 (see Employee Rights attached). These provisions ended on December 31, 2020, and at this time have not been extended. Leave was provided during times when employees were required by the District to quarantine or isolate for defined COVID-19 related reasons as per federal, State or FCDPH mandates during periods of normally scheduled work. Providing this leave benefited employees and, importantly, also enabled the District to further protect the health of the worksite and continue functions of the District. The need to require employees to quarantine and isolate for specific reasons continues to be necessary, especially under the COVID-19 Prevention Program. It remains in the best interest of the District to continue certain provisions of FFCRA paid leave. It is recommended that the Board take action to approve provision of paid leave for specific reasons.

Actions requested:

1. Approve COVID-19 Prevention Program as presented and to be amended as necessary to comply with additional mandates and requirements.
2. Approve the following provision of employee paid leave:
 - a. Up to two weeks (80 hours), or part-time employee two-week equivalent, of paid sick leave based on regular rate of pay for employee: (1) subject to COVID-19 quarantine or isolation order; (2) advised by health care provider to quarantine related to COVID-19; or (3) experiencing symptoms and seeking medical diagnosis.
 - b. For regular full-time employees, up to 12 weeks of paid leave at 2/3 of regular rate of pay for an employee who is caring for his or her child whose school or place of care is closed or child care provider is unavailable due COVID-19 related reasons.

COVID-19 Prevention Program (CPP) for Consolidated Mosquito Abatement District

This CPP is designed to control exposures to the SARS-CoV-2 virus that may occur in our workplace.

Date: 1/8/2021

Authority and Responsibility

The District Manager determines that the Superintendent of Operations will have overall authority and responsibility for implementing the provisions of this CPP in our workplace. In addition, all supervisors and staff are responsible for implementing and maintaining the CPP in their assigned work areas and for ensuring employees receive answers to questions about the program in a language they understand.

All employees are responsible for using safe work practices, following all directives, policies and procedures, and assisting in maintaining a safe work environment.

Identification and Evaluation of COVID-19 Hazards

We will implement the following in our workplace:

- Conduct workplace-specific evaluations using the **Appendix A: Identification of COVID-19 Hazards** form.
- Evaluate employees' potential workplace exposures to all persons at, or who may enter, our workplace.
- Review applicable orders and general and industry-specific guidance from the State of California, Cal/OSHA, and the local health department related to COVID-19 hazards and prevention.
- Evaluate existing COVID-19 prevention controls in our workplace and the need for different or additional controls.
- Conduct periodic inspections using the **Appendix B: COVID-19 Inspections form** as needed to identify unhealthy conditions, work practices, and work procedures related to COVID-19 and to ensure compliance with our COVID-19 policies and procedures.

Employee participation

Employees are encouraged to participate in the identification and evaluation of COVID-19 hazards by: Following CPP training, all staff, outside invited visitors and vendors are strongly encouraged to report any COVID-19 hazards immediately to the Superintendent of Operations.

Employee screening

We screen our employees by:

- All employees must fill out the CMAD COVID-19 Employee Screening form (online) **once per day**.
 - This form must be filled out at the start of each day.
 - Daily temperature checks will be done by each staff member independently with temperature scanners set up near building entrances. Employee temperature will be recorded in the CMAD COVID-19 Employee Screening form.
 - Seasonal staff will be able to fill out the form electronically on their District-issued device for records entry.
 - Supervisors must notify the Superintendent of Operations if an employee does not report to work.
 - An employee will not be allowed to work if that employee exhibits any symptoms or restrictions

of COVID-19.

▪ Symptoms:

- Fever or chills (temperature of 100.4°F or higher)
- Cough
- Shortness of breath or difficulty breathing
- Fatigue
- Muscle or body aches
- Headache
- New loss of taste or smell
- Sore throat
- Congestion or runny nose
- Nausea or vomiting
- Diarrhea

Correction of COVID-19 Hazards

Unsafe or unhealthy work conditions, practices or procedures will be documented on the **Appendix B: COVID-19 Inspections** form, and corrected in a timely manner based on the severity of the hazards, as follows:

- Any unsafe or unhealthy work conditions will be immediately reported to the Superintendent of Operations and documented in Appendix B COVID-19 Inspections form.
- Follow-up assessment/inspection will be conducted by the Superintendent of Operations and recorded on the Appendix B: COVID-19 Inspections form.
- Steps will be immediately (same day) taken to address the hazard.
- If the hazard cannot be addressed in a timely manner (same day), employees will not be permitted in the area the hazard exists or to conduct the task that resulted in the hazard.

Control of COVID-19 Hazards

Physical Distancing

Where possible, we ensure at least six feet of physical distancing at all times in our workplace by:

- Minimizing staff meetings and communicating via, email, phone or text whenever possible.
 - The District will no longer conduct in-person staff meetings with all staff.
 - Staff meetings that need to be held will be in the training room, with no more than twelve people per meeting and with adequate distancing.
- Staff are expected to maintain six feet of separation from other people (staff and residents).
 - Floors have been marked in various places throughout the facility to give staff a sense of what six feet of separation looks like.
- No more than three people (including the supervisor) are allowed in a supervisor's office at a time and must maintain adequate distancing.
- Laboratory staff only will be allowed in the laboratory.
- Start times will be scheduled and staggered when the District is fully staffed (see schedule).
- Reporting directly from home to the field by full-time staff may be considered.
- Locker access - no more than one person accessing employee lockers at a time will be allowed unless the lockers being accessed are six feet apart.
- Seasonal staff may be sent home during inclement weather.

- The decision to send staff home will be determined by the Superintendent of Operations in consultation with the District Manager and Supervisors.
- Any existing appointments will be cancelled and rescheduled. We will no longer bring staff into the office for indoor work, CE training sessions or other work that would bring more people into indoor working spaces.
- Any seasonal employee who is required to come to work and is subsequently sent home due to inclement weather will be paid for a minimum of one-half day.
- Staff can no longer carpool or rideshare while working. No more than one person should be in a District vehicle at a time, unless approved by the Superintendent of Operations or District Manager.
- Staff will continue to adhere to the six feet of separation with any resident that engages them during a site visit.
- Staff may need to explain the importance of maintaining a safe distance for the health of our staff and the resident.
- Individuals will be kept as far apart as possible when there are situations where six feet of physical distancing cannot be achieved.
- The option of physical distancing through remote work may be considered at the discretion of the District Manager and following District Policy.

Face Coverings

We provide clean, undamaged face coverings and ensure they are properly worn by employees over the nose and mouth when indoors, and when outdoors and less than six feet away from another person, including non-employees, and where required by orders from the California Department of Public Health (CDPH) or local health department.

- All employees must wear a mask that covers their nose and mouth while at work. The use of a mask is always in addition to all other guidelines in this document including social distancing, regular hand washing and sanitizing of frequently touched surfaces.
 - A mask must be worn while working near other people or when the potential to interact with the public or another member of staff is likely.
 - A mask should be worn when entering urban residential properties.
 - Each employee will be issued 2-4 reusable masks that they will be responsible for.
 - Employees are expected to wash masks after use with soap and warm water.
 - Any staff that forgets their mask will be provided a single use disposable mask for the day.
 - N95 masks are in short supply and will ONLY be issued for respiratory protection against pesticides, valley fever or poor air quality when conditions require respiratory protection.
 - N95 masks are still considered single use disposable masks and can be used continuously or intermittently for 8hrs but should be disposed of beyond this duration.
 - Homemade masks that cover the nose and mouth are acceptable for the purpose of this guideline.
 - Homemade masks are not to be used in place of proper PPE when applying pesticides.
 - If you have difficulty breathing while wearing a face mask, please remove immediately and contact your supervisor.

The following are exceptions to the use of face coverings in our workplace:

- When an employee is alone in a room.
- While eating and drinking at the workplace, provided employees are at least six feet apart and preferably with an outside air supply to the area, if indoors, has been maximized to the extent possible.
- For employees who cannot wear face coverings due to a medical or mental health condition or disability, or who are hearing-impaired or communicating with a hearing-impaired person, alternatives

will be considered on a case-by-case basis.

Any employee or visitor to the facility not wearing a mask when required will be reported to the Superintendent of Operations.

Any employee or visitor **refusing** to wear a mask outside of the exemptions listed above will be asked to leave the facility and reported to the District Manager. Employees refusing to wear a mask may be subject to disciplinary action.

Engineering controls

We implement the following measures for situations where we cannot maintain at least six feet between individuals:

We maximize, to the extent feasible, the quantity of outside air for our buildings with mechanical or natural ventilation systems by providing that the ventilation system is maintained and serviced on a semi-annual basis by a licensed contractor.

Cleaning and disinfecting

We implement the following cleaning and disinfection measures for frequently touched surfaces:

- Daily disinfecting of **frequently touched surfaces**, including but **not limited** to door handles, phone, mouse, keyboard, arm rests, restrooms, steering wheels. Disinfecting will be done at the end of the day.
 - Follow label instructions on disinfectant.
- Staff should immediately disinfect any area where food is consumed once the employee is finished with their break.
- Cleaning logs have been placed throughout the facility to track space cleanings.
 - Cleaning log locations: Board room, training room, kitchen, office entry, office workstation, bathrooms, and laboratory.
- The Administrative Assistant will be responsible for ensuring that cleaning and disinfecting supplies are continuously available.
 - Supervisors and staff are responsible for communicating with the Administrative Assistant on supply needs.
- Should we have a COVID-19 case in our workplace, we will implement the following procedures:
 - Close off areas visited by the ill persons. Open outside doors and windows and use ventilating fans to increase air circulation in the area where possible. Wait 24 hours, or as long as practical, before beginning cleaning and disinfection.
 - Select staff will clean and disinfect all areas such as offices, bathrooms, common areas, shared electronic equipment (like tablets, touch screens, keyboards and remote controls) used by the ill persons, focusing especially on frequently touched surfaces.
 - In addition to wiping down all surfaces with disinfectant, various areas of the facility where the employee may have worked or visited, the area will be fogged with disinfectant to ensure all surfaces are disinfected.

Shared tools, equipment, and personal protective equipment (PPE)

PPE must not be shared, e.g., gloves, goggles and face shields.

- Items that employees come in regular physical contact with, such as phones, headsets, desks, keyboards, writing materials, instruments and tools must also not be shared, to the extent feasible.
- Where there must be sharing, the items will be disinfected between uses by the employee that last used the equipment. If the use of shared equipment is necessary; staff will adhere to good hygiene practices, including not touching the face and washing hands prior to and after shared equipment use.

Sharing of vehicles will be minimized to the extent feasible, and high-touch points (for example, steering wheel, door handles, seatbelt buckles, armrests, shifter, etc.) will be disinfected between users

Hand sanitizing

In order to implement effective hand sanitizing procedures, we:

- Provide all employees with hand sanitizer in addition to a field hand washing kit containing soap, water and hand towels.
- All employees will enter facilities at designated entry points (see schedule).
- All employees must wash their hands prior to entering any buildings. Wash stations have been set up at entries to all facilities.
 - Clovis staff should enter through the shop entrance where a sink for hand washing is available.
- Employee should wash their hands for a minimum of 20 seconds.

Personal protective equipment (PPE) used to control employees' exposure to COVID-19

We evaluate the need for PPE (such as gloves, goggles, and face shields) as required by CCR Title 8, section 3380, and provide such PPE as needed.

When it comes to respiratory protection, we evaluate the need in accordance with CCR Title 8 section 5144 when the physical distancing requirements are not feasible or maintained.

Investigating and Responding to COVID-19 Cases

This will be accomplished by using the **Appendix C: Investigating COVID-19 Cases** form.

Employees who had potential COVID-19 exposure in our workplace will be:

- Offered COVID-19 testing at no cost during their working hours.
 - Through the District's provider:
 - Kings Industrial Medical Center, 936 G St, Reedley CA 93654, 559-637-4426;
 - Or can attend a local free COVID-19 testing event:
 - Testing event information can be found:
<https://www.co.fresno.ca.us/departments/public-health/covid-19/covid-19-testing-sites>.
- Provided information on benefits described in Training and Instruction, and Exclusion of COVID-19 Cases.

System for Communicating

Our goal is to ensure that we have effective two-way communication with our employees, in a form they can readily understand, and that it includes the following information:

- All employees should report COVID-19 symptoms and possible hazards to their immediate Supervisor or the Superintendent of Operations.
- Employees can report symptoms and hazards without fear of reprisal.
- Employees with medical or other conditions that put them at increased risk of severe COVID-19 illness can make an accommodation request for review by the District Manager.
 - Accommodation requests will be evaluated on a case-by-case basis.
- Where testing is not required, employees can access COVID-19 testing at a number of no cost testing events held in Fresno County.
 - A list of events can be found at <https://www.co.fresno.ca.us/departments/public-health/covid-19/covid-19-testing-sites>.
- In the event we are required to provide testing because of a workplace exposure or outbreak, we will communicate the plan for providing testing and inform affected employees of the reason for the testing

and the possible consequences of a positive test.

- Information about COVID-19 hazards employees (including other employers and individuals in contact with our workplace) may be exposed to, what is being done to control those hazards, and our COVID-19 policies and procedures are made available and posted at locations throughout the facility.

Training and Instruction

We will provide effective training and instruction that includes:

- Our COVID-19 policies and procedures to protect employees from COVID-19 hazards.
- Information regarding COVID-19-related benefits to which the employee may be entitled under applicable federal, state, or local laws.
- The fact that:
 - COVID-19 is an infectious disease that can be spread through the air.
 - COVID-19 may be transmitted when a person touches a contaminated object and then touches their eyes, nose, or mouth.
 - An infectious person may have no symptoms.
- Methods of physical distancing of at least six feet and the importance of combining physical distancing with the wearing of face coverings.
- The fact that particles containing the virus can travel more than six feet, especially indoors, so physical distancing must be combined with other controls, including face coverings and hand hygiene, to be effective.
- The importance of frequent hand washing with soap and water for at least 20 seconds and using hand sanitizer when employees do not have immediate access to a sink or hand washing facility, and that hand sanitizer does not work if the hands are soiled.
- Proper use of face coverings and the fact that face coverings are not respiratory protective equipment - face coverings are intended to primarily protect other individuals from the wearer of the face covering.
- COVID-19 symptoms, and the importance of obtaining a COVID-19 test and not coming to work if the employee has COVID-19 symptoms.
- What PPE will be provided to employees and proper use of PPE

Appendix D: COVID-19 Training Roster will be used to document this training.

Exclusion of COVID-19 Cases

Where we have a COVID-19 case in our workplace, we will limit transmission by:

- Ensuring that COVID-19 cases are excluded from the workplace until our return-to-work requirements are met.
- Excluding employees with COVID-19 exposure from the workplace for 14 days after the last known COVID-19 exposure to a COVID-19 case.
- Continuing and maintaining an employee's earnings, seniority, and all other employee rights and benefits whenever we've demonstrated that the COVID-19 exposure is work related. This will be accomplished by following current State and federal mandates and requirements and District benefit policy.
- Providing employees at the time of exclusion with information on available benefits.

Reporting, Recordkeeping, and Access

It is our policy to:

- Report information about COVID-19 cases at our workplace to the local health department whenever required by law, and provide any related information requested by the local health department.
- Report immediately to Cal/OSHA any COVID-19-related serious illnesses or death, as defined under CCR Title 8 section 330(h), of an employee occurring in our place of employment or in connection with any employment.

- Maintain records of the steps taken to implement our written COVID-19 Prevention Program in accordance with CCR Title 8 section 3203(b).
- Make our written COVID-19 Prevention Program available at the workplace to employees and to representatives of Cal/OSHA immediately upon request.
- Use the **Appendix C: Investigating COVID-19 Cases** form to keep a record of and track all COVID-19 cases. The information will be made available to employees or as otherwise required by law, with personal identifying information removed.

Return-to-Work Criteria

- COVID-19 cases with COVID-19 symptoms will not return to work until all the following have occurred:
 - At least 24 hours have passed since a fever of 100.4 or higher has resolved without the use of fever-reducing medications.
 - COVID-19 symptoms have improved.
 - At least 10 days have passed since COVID-19 symptoms first appeared.
 - COVID-19 cases who tested positive but never developed COVID-19 symptoms will not return to work until a minimum of 10 days have passed since the date of specimen collection of their first positive COVID-19 test.
 - A negative COVID-19 test will not be required for an employee to return to work.
 - If an order to isolate or quarantine an employee is issued by a local or state health official, the employee will not return to work until the period of isolation or quarantine is completed or the order is lifted. If no period was specified, then the period will be 10 days from the time the order to isolate was effective, or 14 days from the time the order to quarantine was effective.
-

Steve Mulligan, District Manager

Date

Appendix A: Identification of COVID-19 Hazards

All persons, regardless of symptoms or negative COVID-19 test results, will be considered potentially infectious. Particular attention will be paid to areas where people may congregate or come in contact with one another, regardless of whether employees are performing an assigned work task or not. For example: offices, meeting rooms, storerooms, entrances, bathrooms, hallways, aisles, walkways, break or eating areas, cool-down areas, and waiting areas.

Evaluation of potential workplace exposure will be to all persons at the workplace or who may enter the workplace, including coworkers, employees of other entities, members of the public, and independent contractors. We will consider how employees and other persons enter, leave, and travel through the workplace, in addition to addressing fixed work locations.

Person conducting the evaluation:

Date:

Name(s) of employee that participated:

Interaction, area, activity, work task, process, equipment and material that potentially exposes employees to COVID-19 hazards	Places and times	Potential for COVID-19 exposures and employees affected, including members of the public and employees of other employers	Existing and/or additional COVID-19 prevention controls, including barriers, partitions and ventilation
Truck ULV pesticide applications require two people in a vehicle for safety however employees cannot maintain a distance of six feet.	Various (enclosed vehicle)	Potential employee exposure only to staff in an closed vehicle. Increased ventilation by opening windows not possible due to pesticide exposure risk.	No employee will be required to participate in our truck ULV pesticide applications program. Staff must wear a mask at all times while in an enclosed vehicle with another member of staff
Transportation of vehicles requires two people to be in a vehicle however employees cannot maintain a distance of six feet inside a vehicle.	Various (enclosed vehicle)	Potential employee exposure only to staff member in the vehicle.	Staff must wear a mask at all times while in an enclosed vehicle with another member of staff. Vehicle windows should be partially or entirely open for increased air circulation.
Working on field equipment may require employees to work in close proximity for short periods of time.	Various (outdoors)	Potential employee exposure only when a task requires two or more people and six feet of separation is not possible.	Staff will be encouraged to minimize the amount of time spent in close proximity to other staff to the extent possible and must always wear a mask.
Harvesting mosquito fish may require employees to work in close proximity for short periods of time.	Various (outdoors)	Potential employee exposure only when a harvesting requires two or more people and six feet of separation is not possible.	Staff will be encouraged to minimize the amount of time spent in close proximity to other staff to the extent possible and must always wear a mask.

Interaction, area, activity, work task, process, equipment and material that potentially exposes employees to COVID-19 hazards	Places and times	Potential for COVID-19 exposures and employees affected, including members of the public and employees of other employers	Existing and/or additional COVID-19 prevention controls, including barriers, partitions and ventilation
The use of the Argo (all-terrain vehicle) will sometimes require two people in the Argo. A distance of six feet separation cannot be maintained.	Various (outdoors)	Potential employee exposure only when Argo use requires two or more people.	Staff will be encouraged to minimize the amount of time spent in close proximity to other staff to the extent possible and must always wear a mask.

Appendix B: COVID-19 Inspections

Date:

Name of person conducting the inspection:

Work location evaluated:

Exposure Controls	Status	Person Assigned to Correct	Date Corrected
Engineering			
Ventilation system maintenance			
Administrative			
Physical distancing			
Surface cleaning and disinfection (frequently enough and adequate supplies)			
Hand washing facilities (adequate numbers and supplies)			
Disinfecting and hand sanitizing solutions being used according to manufacturer instructions			
PPE (not shared, available and being worn)			
Face coverings (cleaned sufficiently often)			
Gloves			
Face shields/goggles			
Respiratory protection			

Appendix C: Investigating COVID-19 Cases

All personal identifying information of COVID-19 cases or symptoms will be kept confidential. All COVID-19 testing or related medical services provided by us will be provided in a manner that ensures the confidentiality of employees, with the exception of unredacted information on COVID-19 cases that will be provided immediately upon request to the local health department, CDPH, Cal/OSHA, the National Institute for Occupational Safety and Health (NIOSH), or as otherwise required by law.

All employees' medical records will also be kept confidential and not disclosed or reported without the employee's express written consent to any person within or outside the workplace, with the following exceptions: (1) Unredacted medical records provided to the local health department, CDPH, Cal/OSHA, NIOSH, or as otherwise required by law immediately upon request; and (2) Records that do not contain individually identifiable medical information or from which individually identifiable medical information has been removed.

Date:

Name of person conducting the investigation:

Employee (or non-employee*) name:		Occupation (if non-employee, why they were in the workplace):	
Location where employee worked (or non-employee was present in the workplace):		Date investigation was initiated:	
Was COVID-19 test offered?		Name(s) of staff involved in the investigation:	
Date and time the COVID-19 case was last present in the workplace:		Date of the positive or negative test and/or diagnosis:	
Date the case first had one or more COVID-19 symptoms:		Information received regarding COVID-19 test results and onset of symptoms (attach documentation):	
Results of the evaluation of the COVID-19 case and all locations at the workplace that may have been visited by the COVID-19 case during the high-risk exposure period, and who may have been exposed (attach additional information):			

Notice given (within one business day, in a way that does not reveal any personal identifying information of the COVID-19 case) of the potential COVID-19 exposure to:

<p>All employees who may have had COVID-19 exposure</p>	<p>Date:</p>		
	<p>Names of employees that were notified:</p>		
<p>Independent contractors and other employers present at the workplace during the high-risk exposure period.</p>	<p>Date:</p>		
	<p>Names of individuals that were notified:</p>		
<p>What were the workplace conditions that could have contributed to the risk of COVID-19 exposure?</p>		<p>What could be done to reduce exposure to COVID-19?</p>	
<p>Was local health department notified?</p>		<p>Date:</p>	

*Should an employer be made aware of a non-employee infection source COVID-19 status.

Appendix D: COVID-19 Training Roster

Date:

Person that conducted the training:

Employee Name	Signature

Additional Consideration #1

Multiple COVID-19 Infections and COVID-19 Outbreaks

This section of CPP will stay in effect until there are no new COVID-19 cases detected in our workplace for a 14-day period.

COVID-19 testing

- We will provide COVID-19 testing to all employees in our exposed workplace except for employees who were not present during the period of an outbreak identified by a local health department or the relevant 14-day period. COVID-19 testing will be provided at no cost to employees during employees' working hours.
- COVID-19 testing consists of the following:
 - All employees in our exposed workplace will be immediately tested and then tested again one week later. Negative COVID-19 test results of employees with COVID-19 exposure will not impact the duration of any quarantine period required by, or orders issued by, the local health department.
 - After the first two COVID-19 tests, we will continue to provide COVID-19 testing of employees who remain at the workplace at least once per week, or more frequently if recommended by the local health department, until there are no new COVID-19 cases detected in our workplace for a 14-day period.
 - We will provide additional testing when deemed necessary by Cal/OSHA.

Exclusion of COVID-19 cases

We will ensure COVID-19 cases and employees who had COVID-19 exposure are excluded from the workplace in accordance with our CPP **Exclusion of COVID-19 Cases** and **Return to Work Criteria** requirements, and local health officer orders if applicable.

Investigation of workplace COVID-19 illness

We will immediately investigate and determine possible workplace-related factors that contributed to the COVID-19 outbreak in accordance with our CPP **Investigating and Responding to COVID-19 Cases**.

COVID-19 investigation, review and hazard correction

In addition to our CPP **Identification and Evaluation of COVID-19 Hazards** and **Correction of COVID-19 Hazards**, we will immediately perform a review of potentially relevant COVID-19 policies, procedures, and controls and implement changes as needed to prevent further spread of COVID-19.

The investigation and review will be documented and include:

- Investigation of new or unabated COVID-19 hazards including:
 - Our leave policies and practices and whether employees are discouraged from remaining home when sick.
 - Our COVID-19 testing policies.
 - Insufficient outdoor air.
 - Insufficient air filtration.
 - Lack of physical distancing.
- Updating the review:
 - Every thirty days that the outbreak continues.
 - In response to new information or to new or previously unrecognized COVID-19 hazards.
 - When otherwise necessary.
- Implementing changes to reduce the transmission of COVID-19 based on the investigation and review. We will consider:
 - Moving indoor tasks outdoors or having them performed remotely.
 - Increasing outdoor air supply when work is done indoors.

- Improving air filtration.
- Increasing physical distancing as much as possible.
- Respiratory protection.
- Suspending operations

Notifications to the local health department

- Immediately, but no longer than 48 hours after learning of three or more COVID-19 cases in our workplace, we will contact the local health department for guidance on preventing the further spread of COVID-19 within the workplace.
- We will provide to the local health department the total number of COVID-19 cases and for each COVID-19 case, the name, contact information, occupation, workplace location, business address, the hospitalization and/or fatality status, and North American Industry Classification System code of the workplace of the COVID-19 case, and any other information requested by the local health department. We will continue to give notice to the local health department of any subsequent COVID-19 cases at our workplace.

Additional Consideration #2

Major COVID-19 Outbreaks

This section of CPP will stay in effect until there are no new COVID-19 cases detected in our workplace for a 14-day period.

COVID-19 testing

We will provide twice a week COVID-19 testing, or more frequently if recommended by the local health department, to all employees present at our exposed workplace during the relevant 30-day period(s) and who remain at the workplace. COVID-19 testing will be provided at no cost to employees during employees' working hours.

Exclusion of COVID-19 cases

We will ensure COVID-19 cases and employees with COVID-19 exposure are excluded from the workplace in accordance with our CPP **Exclusion of COVID-19 Cases** and **Return to Work Criteria**, and any relevant local health department orders.

Investigation of workplace COVID-19 illnesses

We will comply with the requirements of our CPP **Investigating and Responding to COVID-19 Cases**.

COVID-19 hazard correction

In addition to the requirements of our CPP **Correction of COVID-19 Hazards**, we will take the following actions:

- In buildings or structures with mechanical ventilation, we will filter recirculated air with Minimum Efficiency Reporting Value (MERV) 13 or higher efficiency filters if compatible with the ventilation system. If MERV-13 or higher filters are not compatible with the ventilation system, we will use filters with the highest compatible filtering efficiency. We will also evaluate whether portable or mounted High Efficiency Particulate Air (HEPA) filtration units, or other air cleaning systems would reduce the risk of transmission and implement their use to the degree feasible.
- We will determine the need for a respiratory protection program or changes to an existing respiratory protection program under CCR Title 8 section 5144 to address COVID-19 hazards.
- We will evaluate whether to halt some or all operations at our workplace until COVID-19 hazards have been corrected
- Implement any other control measures deemed necessary by Cal/OSHA.

Notifications to the local health department

We will comply with the requirements of our **Multiple COVID-19 Infections** and **COVID-19 Outbreaks-Notifications to the Local Health Department**.

EMPLOYEE RIGHTS

PAID SICK LEAVE AND EXPANDED FAMILY AND MEDICAL LEAVE UNDER THE FAMILIES FIRST CORONAVIRUS RESPONSE ACT

The **Families First Coronavirus Response Act (FFCRA or Act)** requires certain employers to provide their employees with paid sick leave and expanded family and medical leave for specified reasons related to COVID-19. These provisions will apply from April 1, 2020 through December 31, 2020.

► PAID LEAVE ENTITLEMENTS

Generally, employers covered under the Act must provide employees:

Up to two weeks (80 hours, or a part-time employee's two-week equivalent) of paid sick leave based on the higher of their regular rate of pay, or the applicable state or Federal minimum wage, paid at:

- 100% for qualifying reasons #1-3 below, up to \$511 daily and \$5,110 total;
- ⅔ for qualifying reasons #4 and 6 below, up to \$200 daily and \$2,000 total; and
- Up to 12 weeks of paid sick leave and expanded family and medical leave paid at ⅓ for qualifying reason #5 below for up to \$200 daily and \$12,000 total.

A part-time employee is eligible for leave for the number of hours that the employee is normally scheduled to work over that period.

► ELIGIBLE EMPLOYEES

In general, employees of private sector employers with fewer than 500 employees, and certain public sector employers, are eligible for up to two weeks of fully or partially paid sick leave for COVID-19 related reasons (see below). *Employees who have been employed for at least 30 days prior to their leave request may be eligible for up to an additional 10 weeks of partially paid expanded family and medical leave for reason #5 below.*

► QUALIFYING REASONS FOR LEAVE RELATED TO COVID-19

An employee is entitled to take leave related to COVID-19 if the employee is unable to work, including unable to telework, because the employee:

- | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ol style="list-style-type: none">1. is subject to a Federal, State, or local quarantine or isolation order related to COVID-19;2. has been advised by a health care provider to self-quarantine related to COVID-19;3. is experiencing COVID-19 symptoms and is seeking a medical diagnosis;4. is caring for an individual subject to an order described in (1) or self-quarantine as described in (2); | <ol style="list-style-type: none">5. is caring for his or her child whose school or place of care is closed (or child care provider is unavailable) due to COVID-19 related reasons; or6. is experiencing any other substantially-similar condition specified by the U.S. Department of Health and Human Services. |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

► ENFORCEMENT

The U.S. Department of Labor's Wage and Hour Division (WHD) has the authority to investigate and enforce compliance with the FFCRA. Employers may not discharge, discipline, or otherwise discriminate against any employee who lawfully takes paid sick leave or expanded family and medical leave under the FFCRA, files a complaint, or institutes a proceeding under or related to this Act. Employers in violation of the provisions of the FFCRA will be subject to penalties and enforcement by WHD.



WAGE AND HOUR DIVISION
UNITED STATES DEPARTMENT OF LABOR

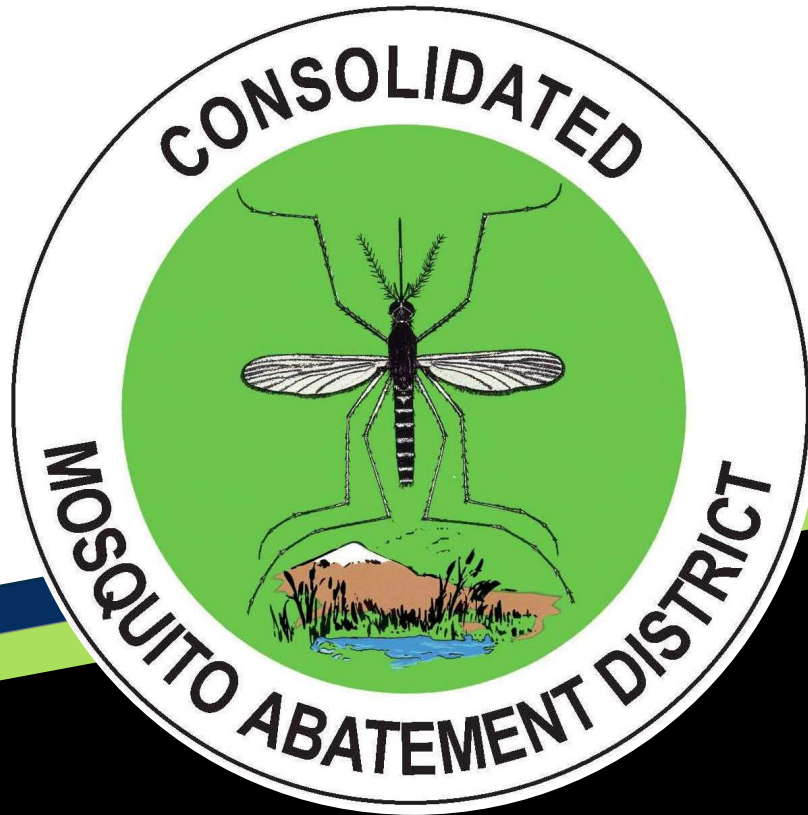
For additional information
or to file a complaint:

1-866-487-9243

TTY: 1-877-889-5627

dol.gov/agencies/whd





2020 PROGRAM SUMMARY REPORT STEVE MULLIGAN, DISTRICT MANAGER

- *Jodi Holeman, Superintendent of Operations*
- *Katherine Ramirez, Science Education Coordinator*
- *B. Deegan, Vector Biologist*
- *Jovana Benavides, Associate Biologist*
- *Conner Schaak, GIS Coordinator*
- *Karan Cox, Administrative Assistant*
- *Amy Garcia, Data Management Assistant*
- *Jose Moreno, Mechanic*
- *Emma Lee, Urban Program Specialist*
- *Devon Cornel, Area Supervisor*
- *Chris Monis, Area Supervisor*
- *David Parker, Area Supervisor*
- *Gha Vang, Area Supervisor*



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Operations



03

Surveillance



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Science Education



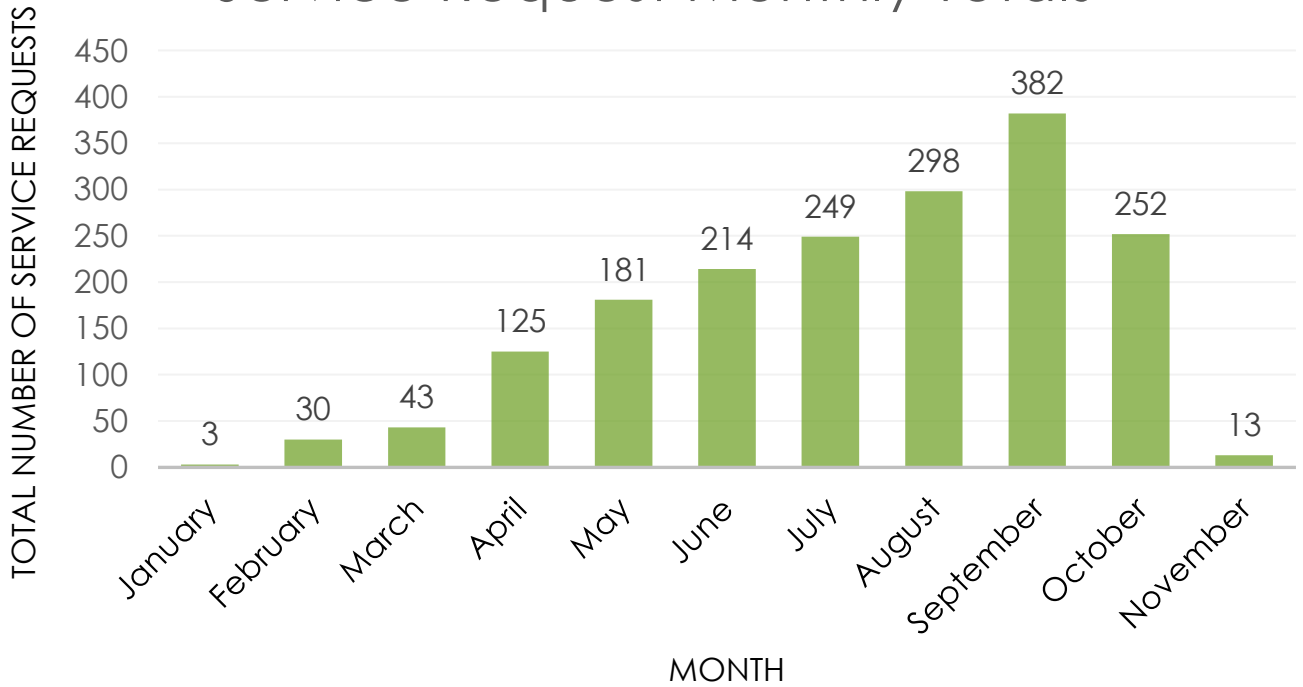
21

Tules growing along a gutter in a developing urban residential neighborhood

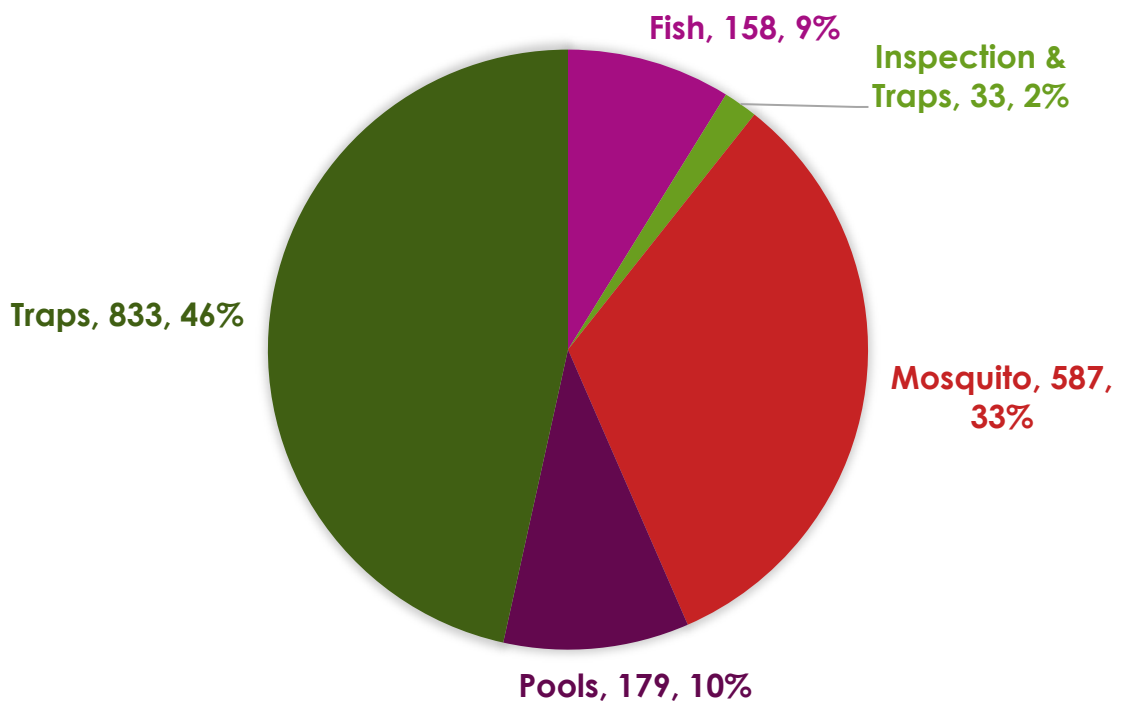
OPERATIONS

2020 SERVICE REQUESTS TOTAL: **1790**

Service Request Monthly Totals



SERVICE REQUEST TYPE

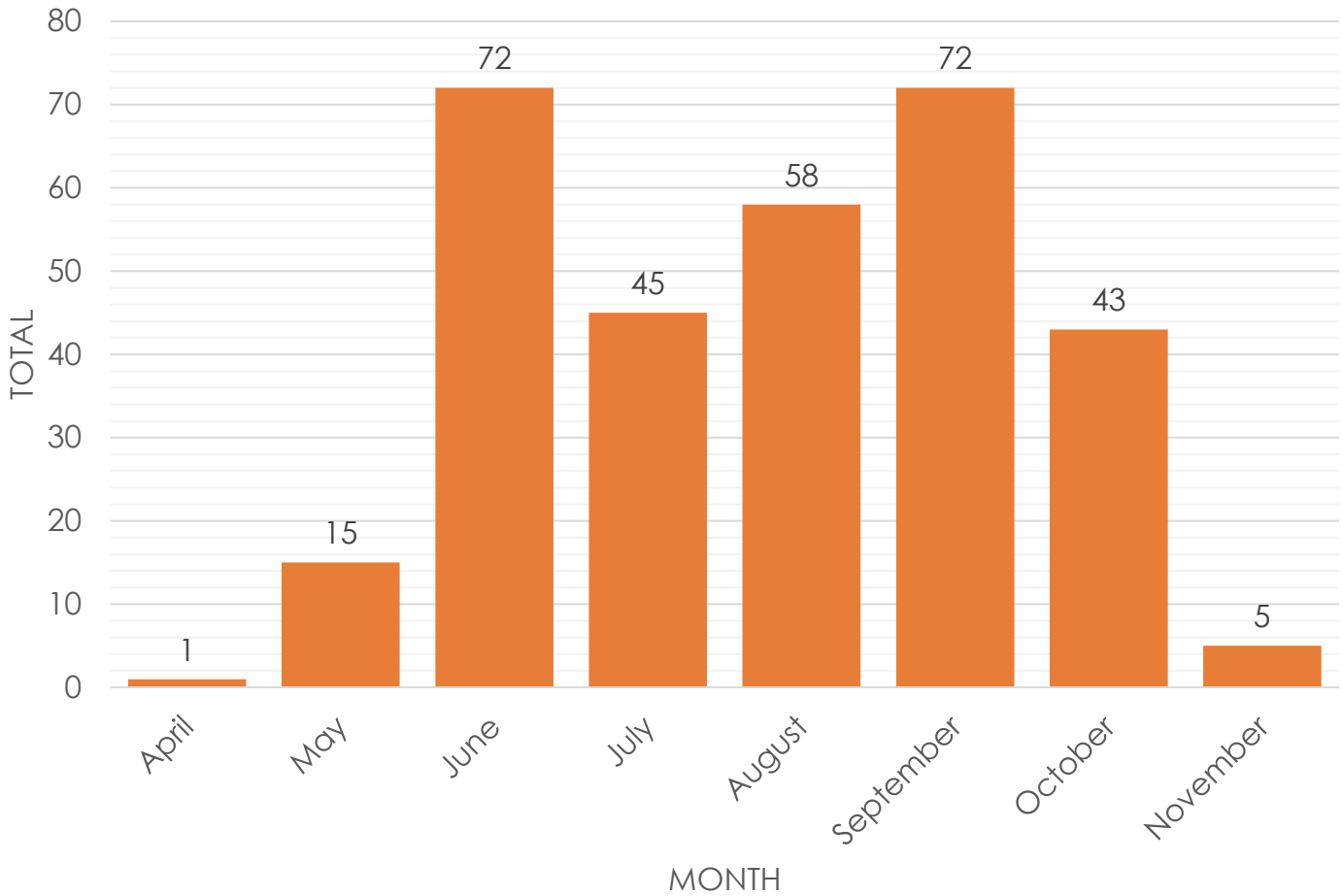


OPERATIONS

Service Request Transfers

Service requests that were initially trapped at and indicate high mosquito abundance are transferred to operational staff for follow up inspection.

Trapping Service Requests Transferred for Inspection



OPERATIONS

DISTRIBUTION OF SERVICE REQUESTS*

Service Requests by City

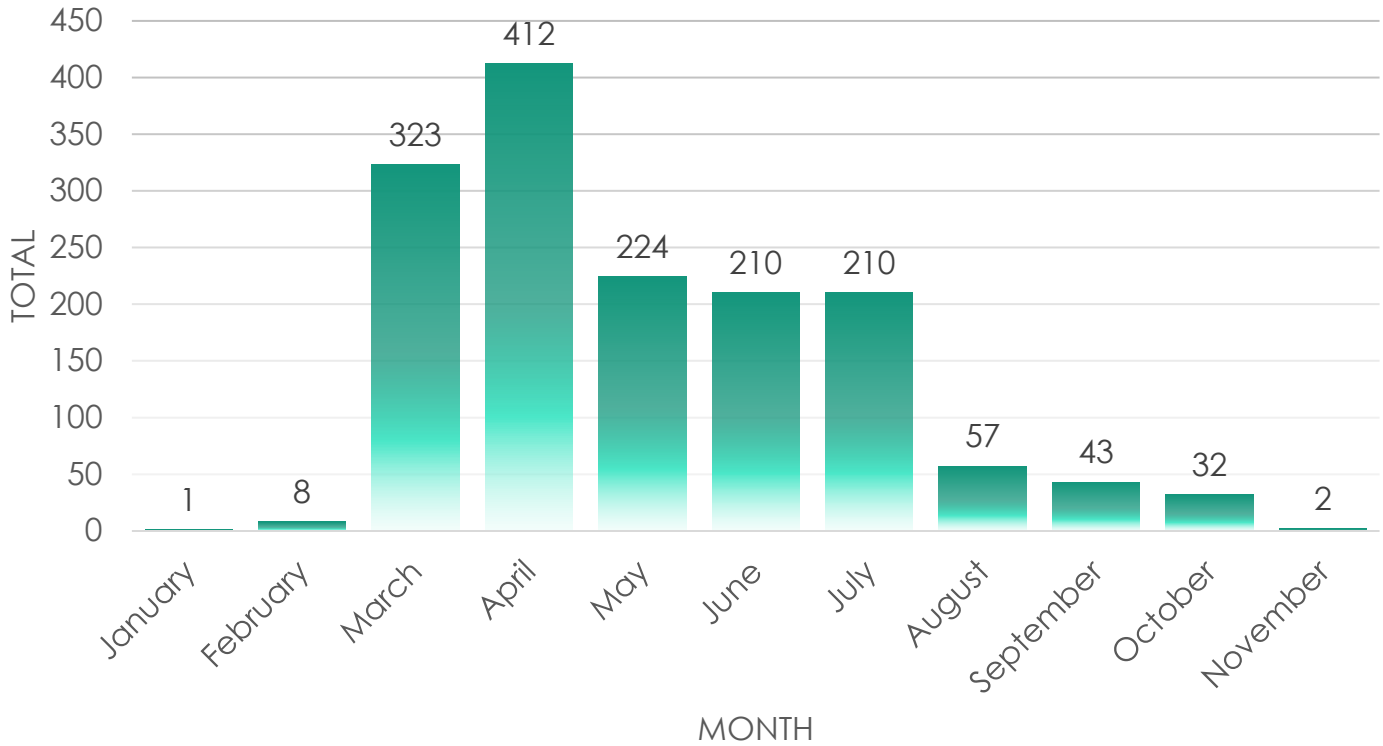


*Not all service requests fall within city boundaries. This summarizes service requests based on the city listed for the residential or commercial address.

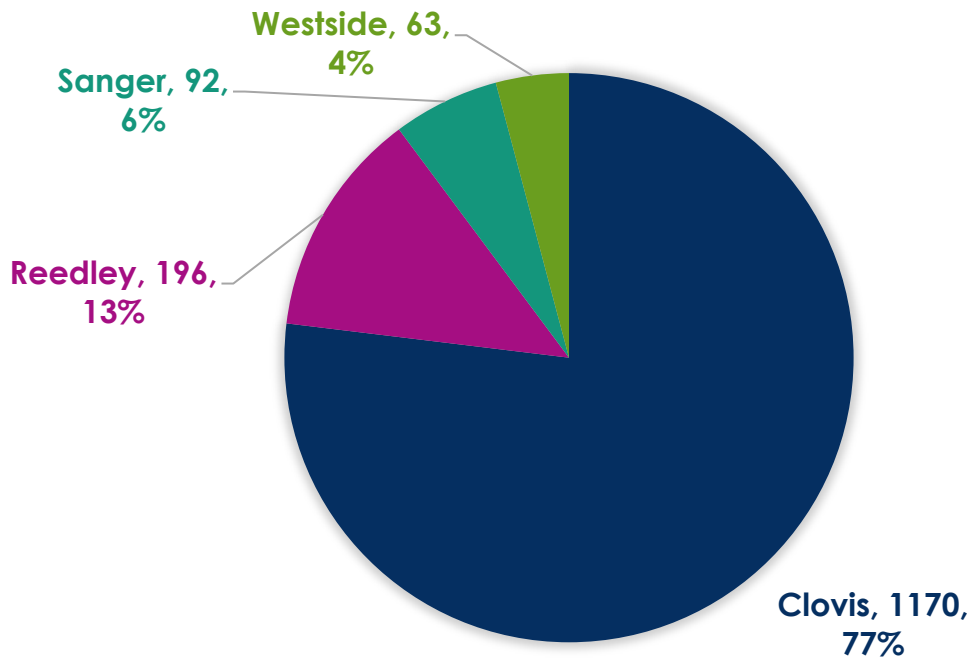
OPERATIONS

INSPECTION APPOINTMENTS

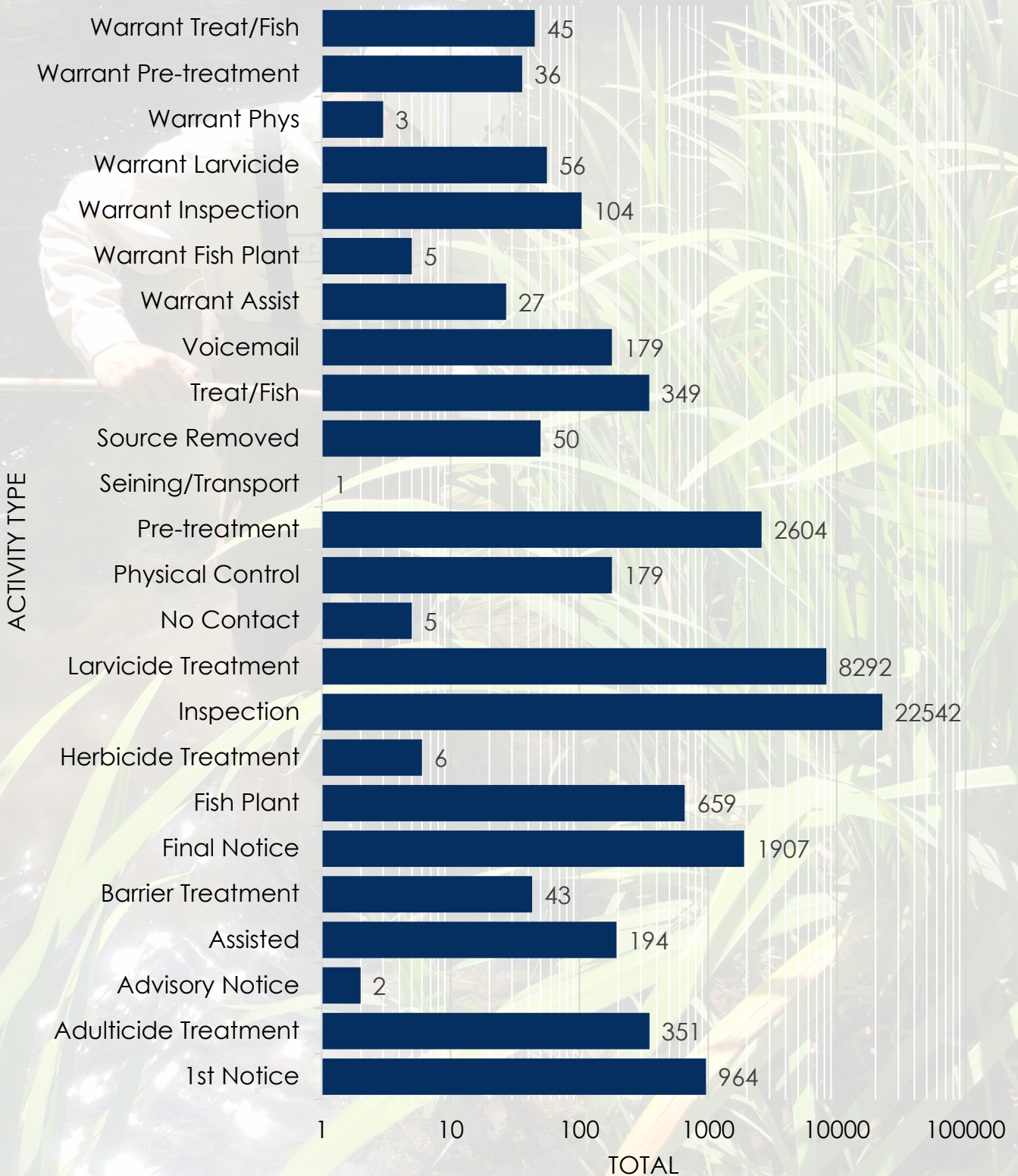
SCHEDULED INSPECTION APPOINTMENTS



APPOINTMENTS BY DEPOT



2020 Field Activity



MOSQUITO CONTROL APPLICATIONS: **46,633**

- **Larvicide applications:**
4,833* acres
- **Adulticide applications:**
22,074 acres
- **Mosquito fish plants:**
33 acres



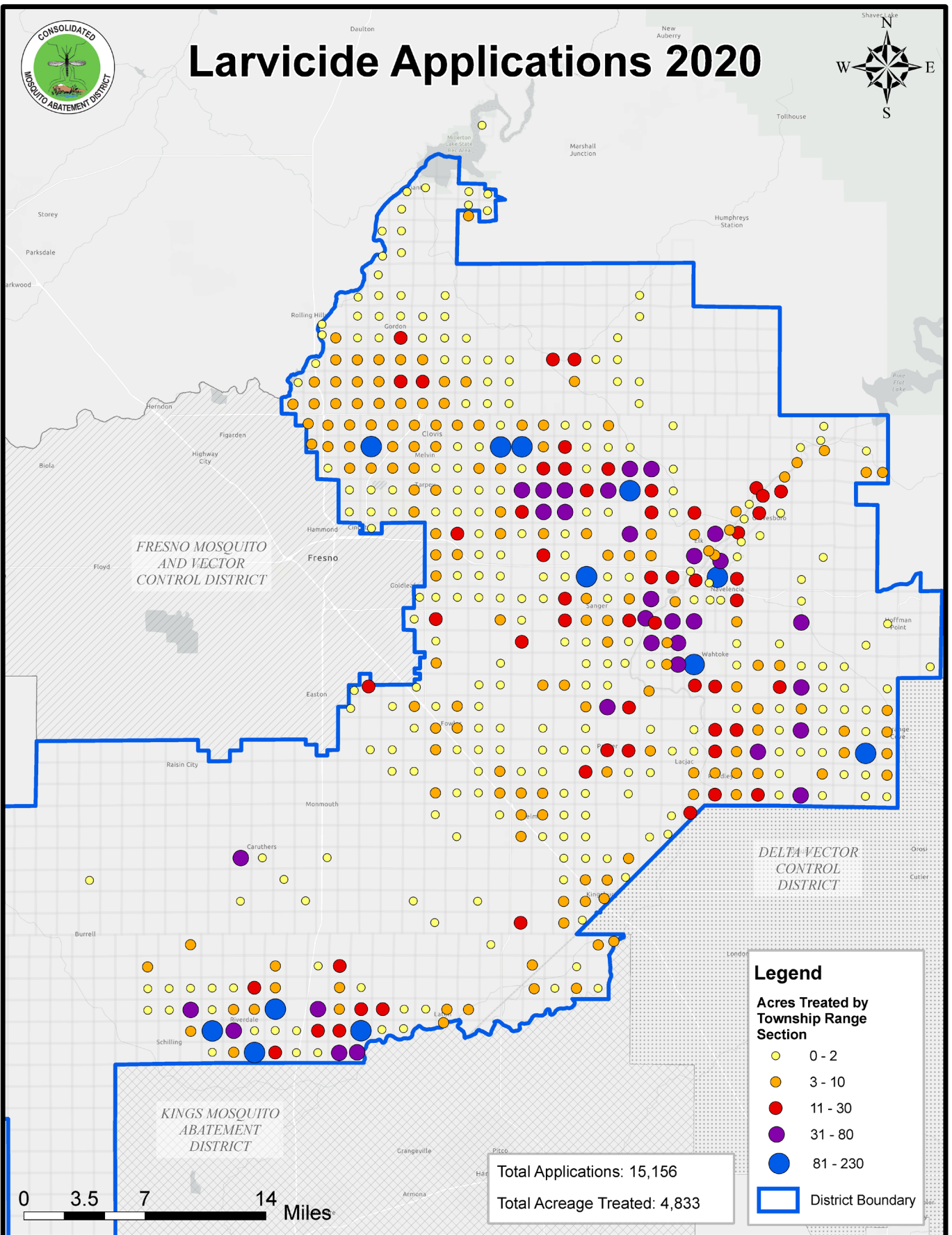
Operator Don McNiell treating a mosquito development source.

Product	Applications	Acres Treated
Abate Pellets	1	3.00
Altosid Liquid	17	18.42
Altosid WSP	14875	57.46
Altosid XR Briquet	499	0.12
Altosid XRG	198	204.66
Aqua-Kontrol 30-30	83	200.02
BVA-2	4271	1075.95
Cocobear MLO	1370	9.14
DeltaGard	71	4751.35
Fish	1098	33.34
FourStar Bti Briquet 45	133	0.02
FourStar CRG	48	47.81
Fyfanon ULV	183	16735.31
Kontrol 4-4	12	574.65
MetaLarv S-PT	22	83.75
Natular 2EC	19	82.55
Natular G30	3270	514.74
Natular G30 WSP	13253	29.86
Natular XRT	3	0.01
Sumilarv	3919	8.96
Suspend SC	47	4.71
VectoBac 12AS	1209	1573.38
VectoBac GR	423	564.25
VectoBac WDG	29	3.72
VectoLex FG	718	255.84
VectoLex WDG	862	332.93

* Does not include storm drain or utility vault treatments



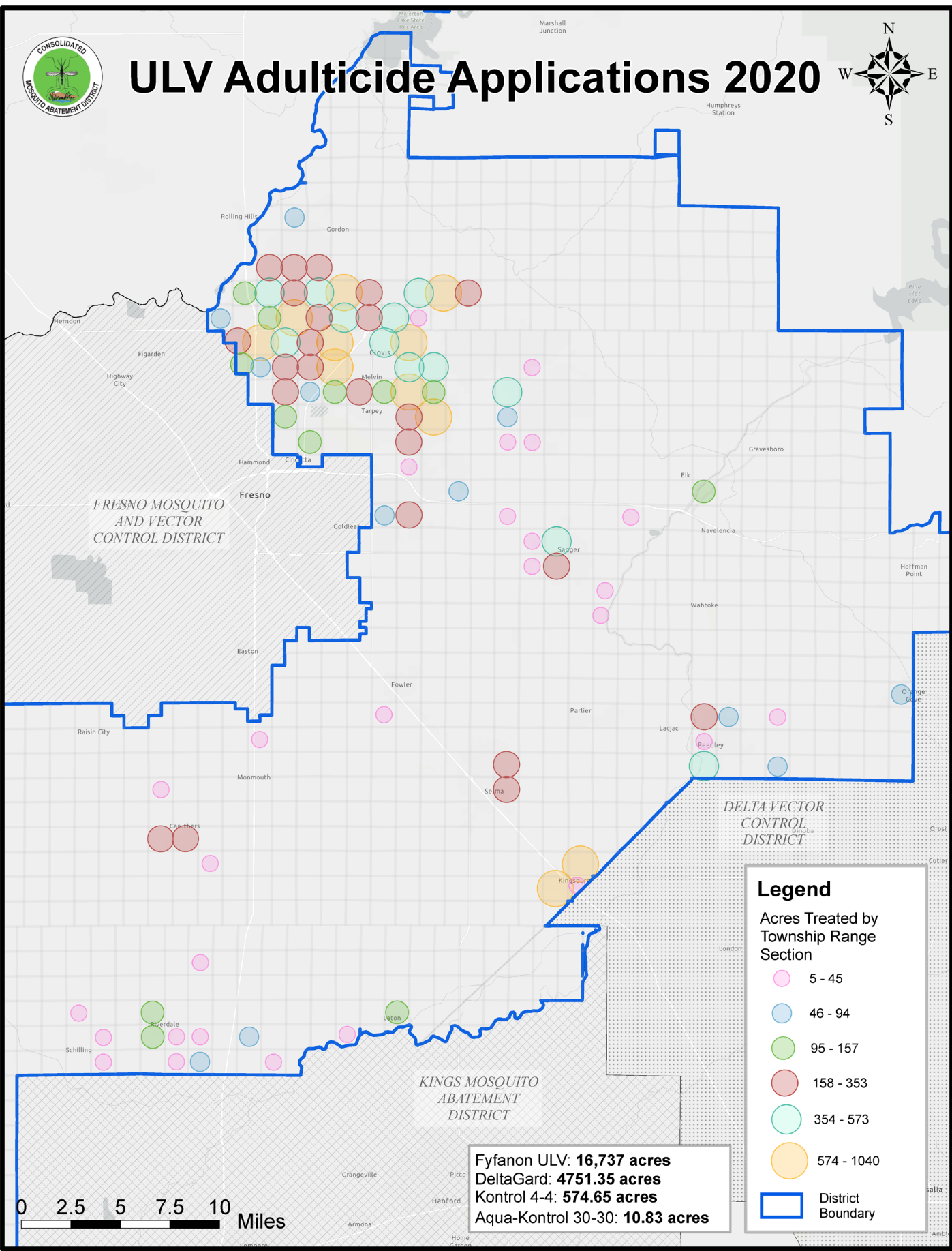
Larvicide Applications 2020



Map does not include storm drain or utility vault treatments



ULV Adulicide Applications 2020



FRESNO MOSQUITO AND VECTOR CONTROL DISTRICT

DELTA VECTOR CONTROL DISTRICT

KINGS MOSQUITO ABATEMENT DISTRICT

Fyfanon ULV: 16,737 acres
DeltaGard: 4751.35 acres
Kontrol 4-4: 574.65 acres
Aqua-Kontrol 30-30: 10.83 acres

Legend

Acres Treated by Township Range Section

- 5 - 45
- 46 - 94
- 95 - 157
- 158 - 353
- 354 - 573
- 574 - 1040

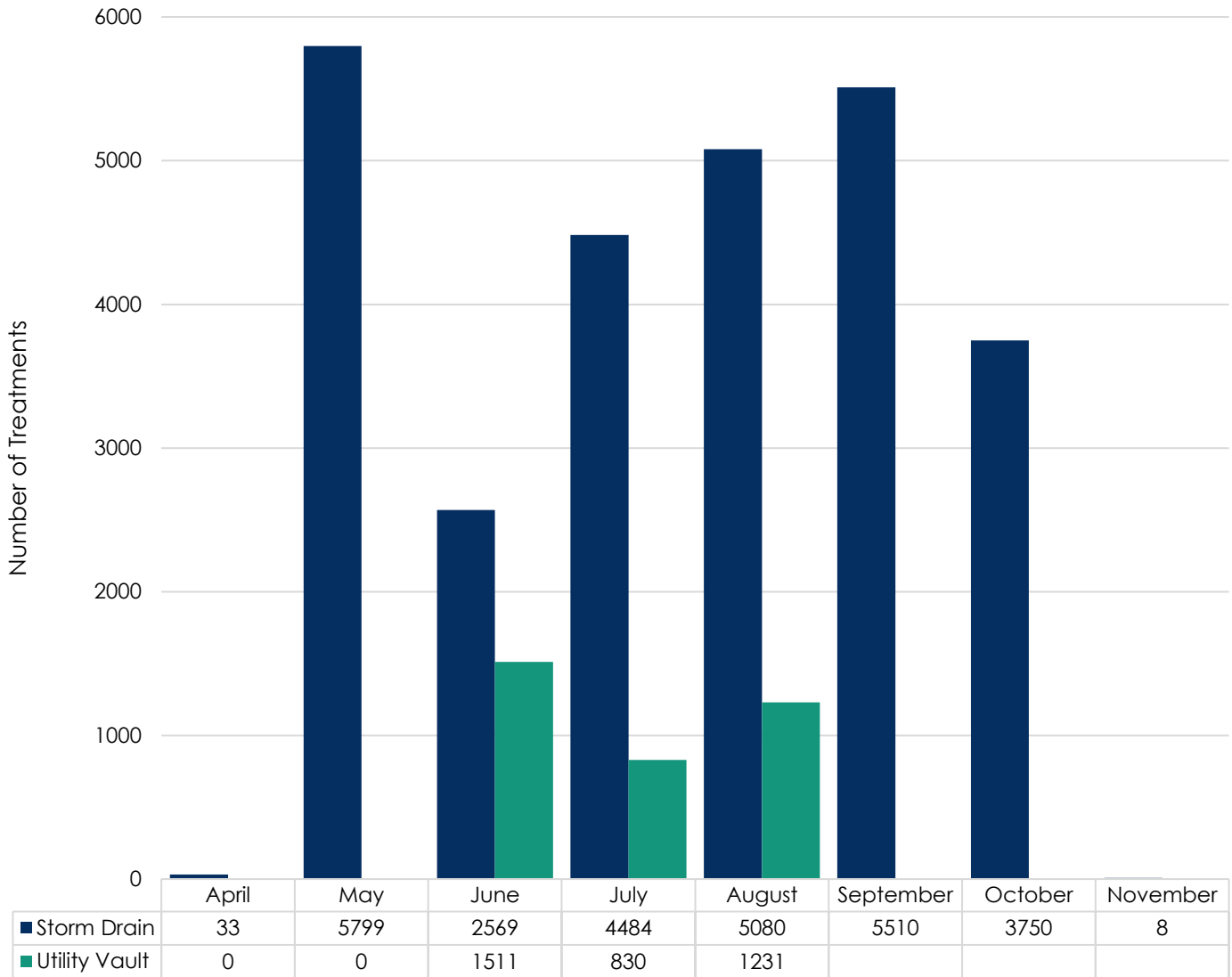
District Boundary

0 2.5 5 7.5 10 Miles

OPERATIONS

STORM DRAIN AND UTILITY VAULT PROGRAM TREATMENTS

Storm Drain and Utility Vault Treatments 2020



SURVEILLANCE

VECTOR AND DISEASE SURVEILLANCE



▶ Humans

- ▶ A total of 16 human cases were reported to the Fresno County Department of Public Health with 11 cases confirmed by the California Department of Public Health (CDPH).
 - ▶ 10 confirmed West Nile virus (WNV) cases.
 - ▶ 1 confirmed St. Louis Encephalitis virus (SLEV) case.
- ▶ The number of human cases is down from 2019 which had 51 WNV and 2 SLEV confirmed cases in Fresno County.
- ▶ Statewide a total of 197 positive human West Nile virus cases have been confirmed by CDPH. Disease transmission in 2020 was down from 2019 (225 human disease cases confirmed).



▶ Birds

- ▶ A total of 93 birds were reported from within the District to the CDPH West Nile virus dead bird hotline.
- ▶ 8 of the birds reported required follow-up surveillance.
- ▶ One bird was reported as WNV positive that had been tested at a local laboratory.



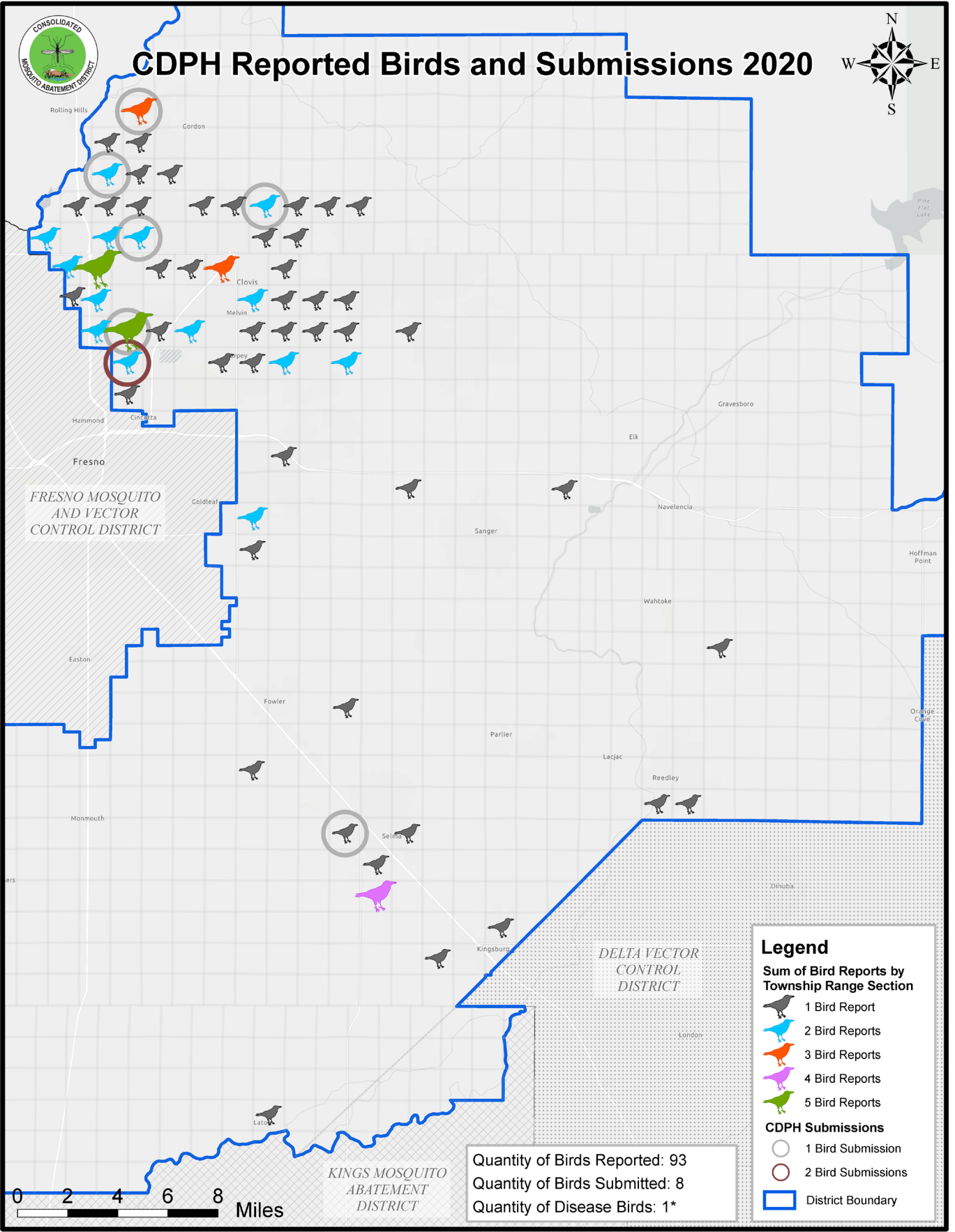
▶ Mosquitoes

- ▶ A total of 1,599 mosquito pools were tested from mosquitoes collected throughout the District. A mosquito pool is a sample of mosquitoes ranging from 12-50 female mosquitoes collected from a single trap type in a single night.
 - ▶ 343 (22% of submissions) of the mosquito pools submitted tested positive for WNV or SLEV or both*. A similar number of pools tested positive in 2019 (336).
 - ▶ 159 WNV positive pools.
 - ▶ 133 SLEV positive pools.
 - ▶ 51 WNV/SLEV positive pools.
 - ▶ Statewide 40,083 mosquito pools were tested with 2,628 (7%) of the submissions testing positive for WNV. Positivity rate was down in 2020 when compared to 2019.
 - ▶ 39,793 mosquito pools were tested with 510(1%) of the submissions testing positive for WNV.

* A single sample of 12-50 female mosquitoes of a single species can test positive for both WNV and SLEV. This test does not allow the District to determine whether this is a co-infection in a single adult female mosquito with both viruses or separate individual females carrying separate viruses.



CDPH Reported Birds and Submissions 2020



Quantity of Birds Reported: 93
 Quantity of Birds Submitted: 8
 Quantity of Disease Birds: 1*

Legend

Sum of Bird Reports by Township Range Section

- 1 Bird Report
- 2 Bird Reports
- 3 Bird Reports
- 4 Bird Reports
- 5 Bird Reports

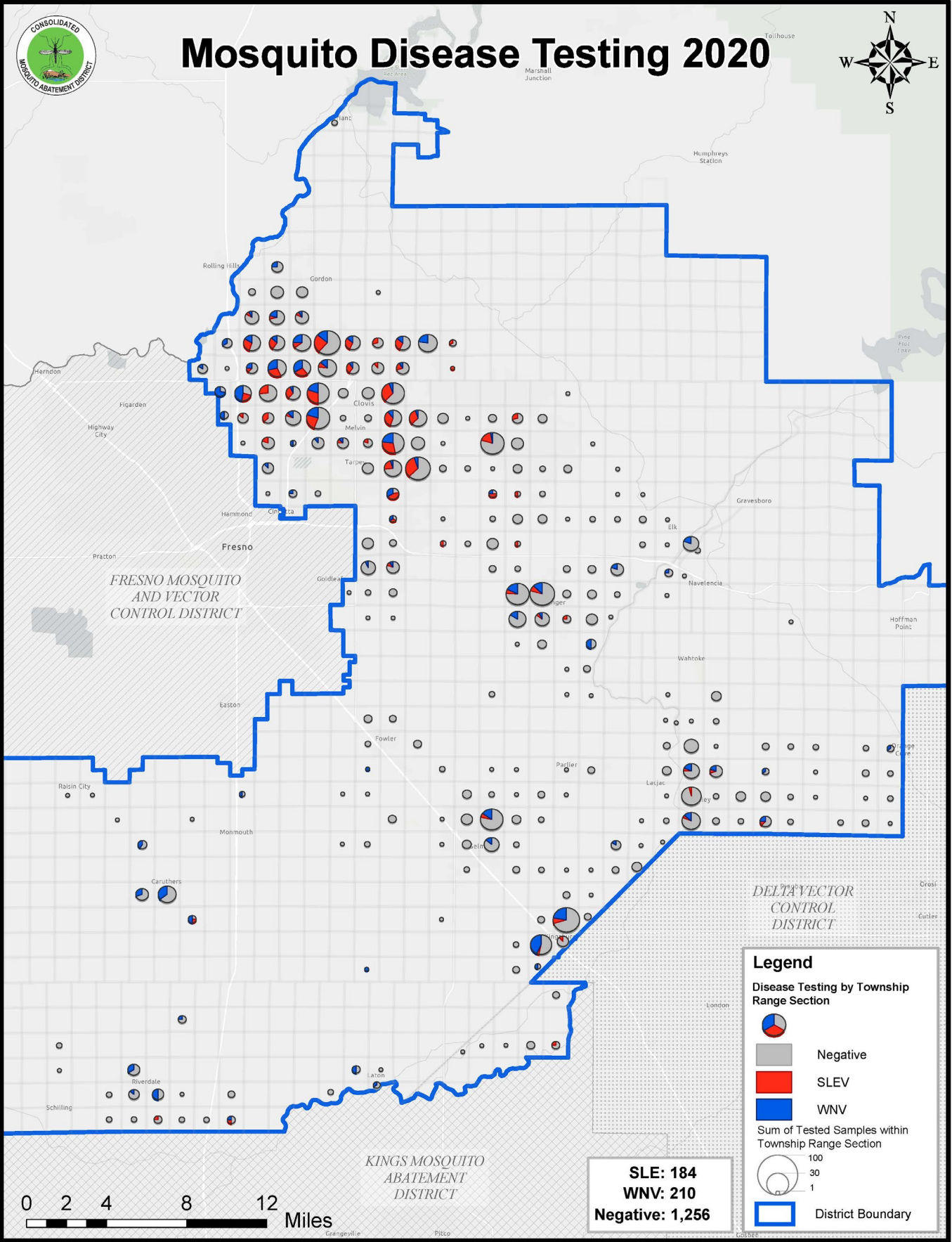
CDPH Submissions

- 1 Bird Submission
- 2 Bird Submissions
- District Boundary

*Diseased bird is not mapped.



Mosquito Disease Testing 2020



FRESNO MOSQUITO AND VECTOR CONTROL DISTRICT

DELTA VECTOR CONTROL DISTRICT

KINGS MOSQUITO ABATEMENT DISTRICT

Legend

Disease Testing by Township Range Section

- Negative
- SLEV
- WNV

Sum of Tested Samples within Township Range Section

- 100
- 30
- 1

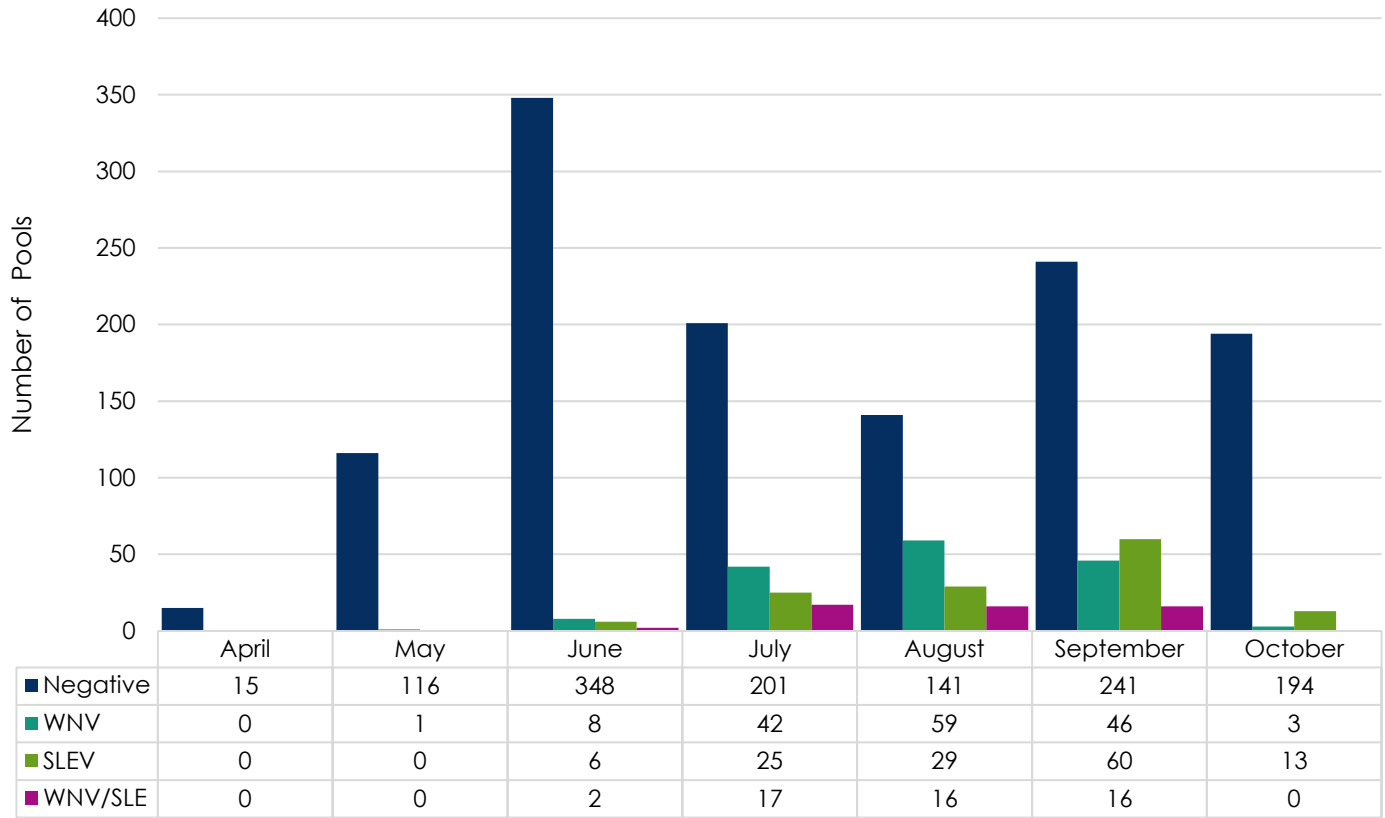
District Boundary

SLE: 184
WNV: 210
Negative: 1,256

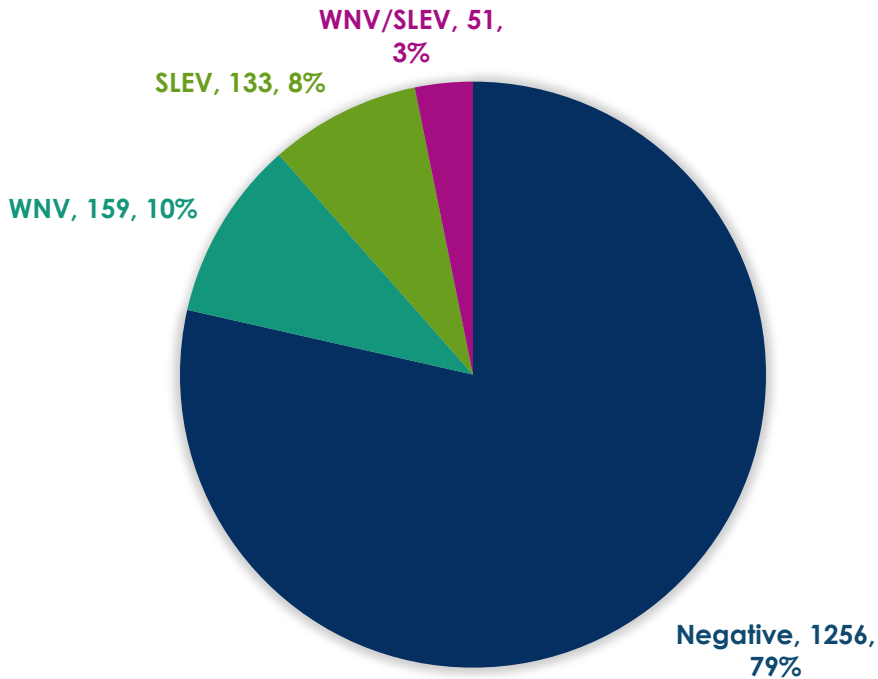


SURVEILLANCE

Mosquito Pool Test Results by Month

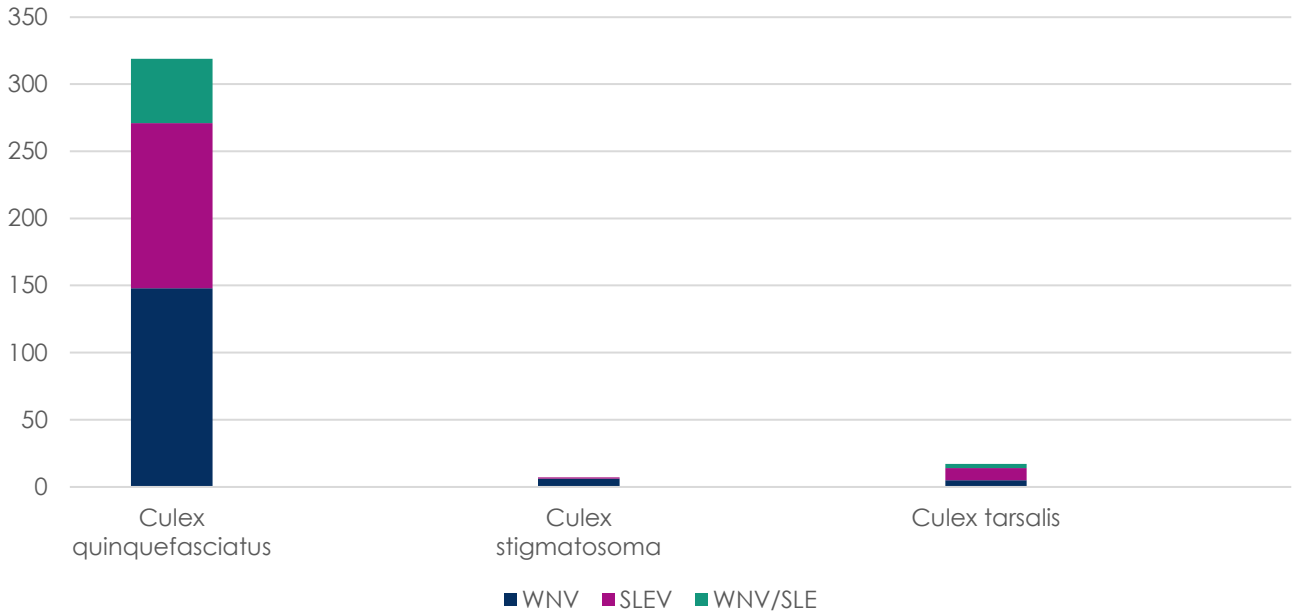


MOSQUITO POOL TEST TOTALS

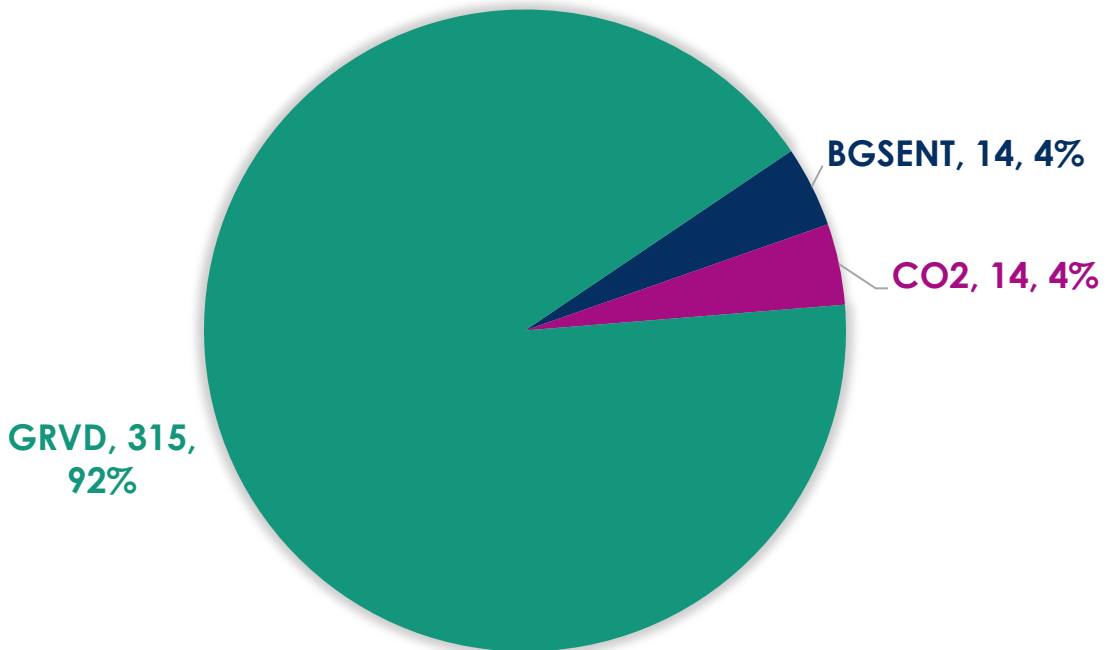


SURVEILLANCE

Positive Pools by Mosquito Species




POSITIVE POOL SUBMISSIONS BY TRAP TYPE



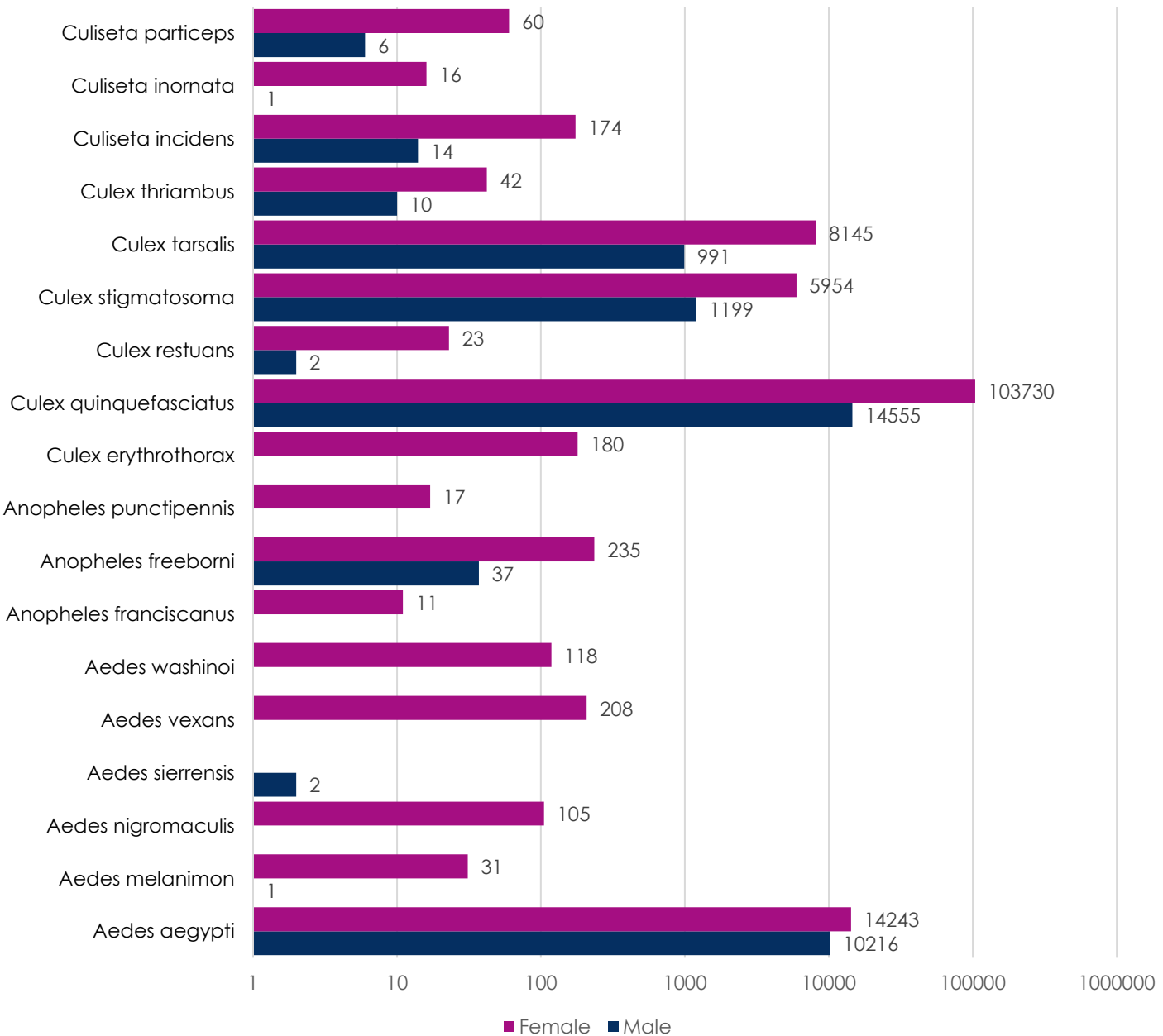
SURVEILLANCE

MOSQUITO COLLECTIONS

 Total number of mosquitoes collected and processed: **160,521 (27,127 male and 133,394 female)**

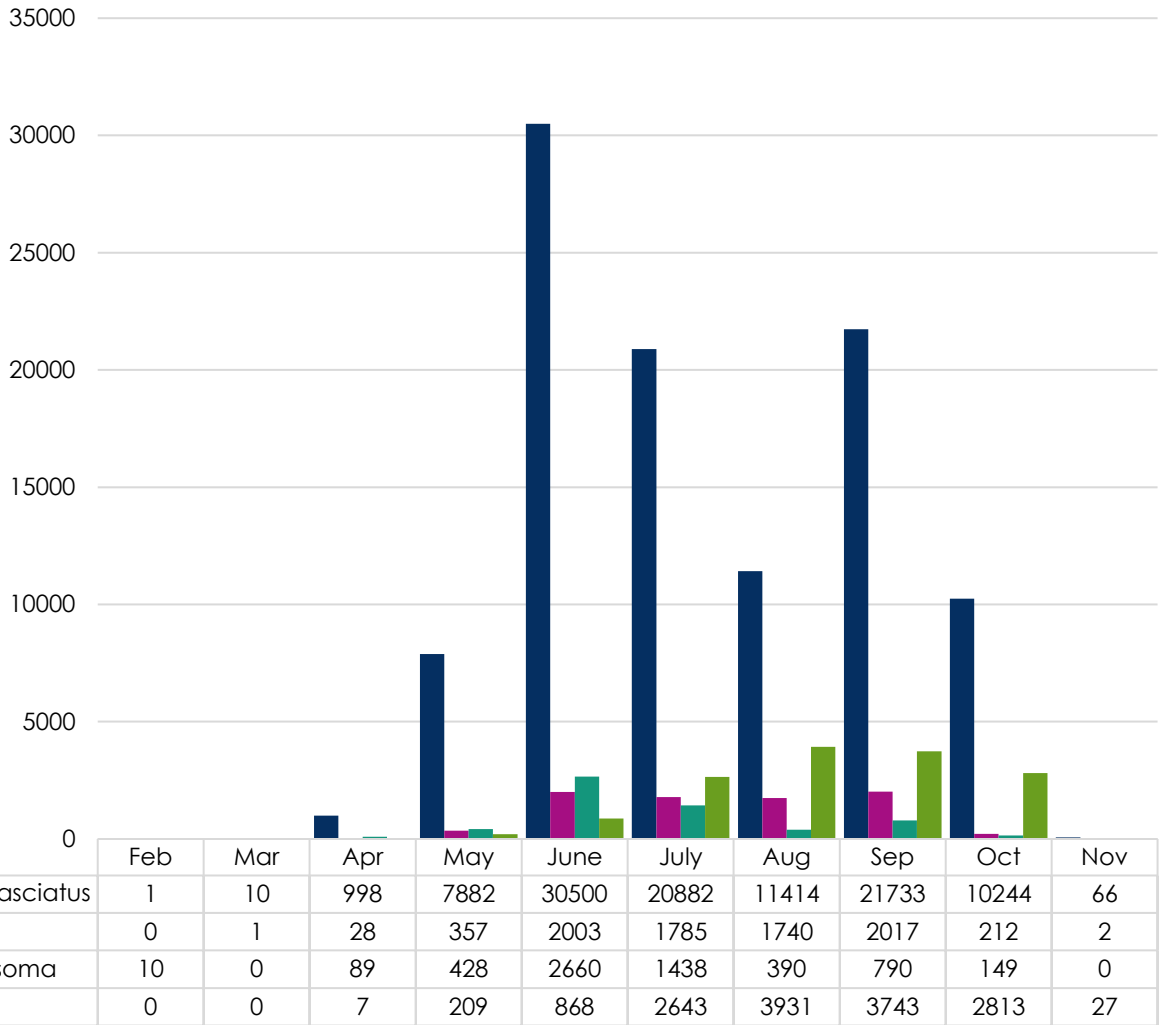
 Total number of trap nights: **8,603**

Mosquitoes Collected in 2020



SURVEILLANCE

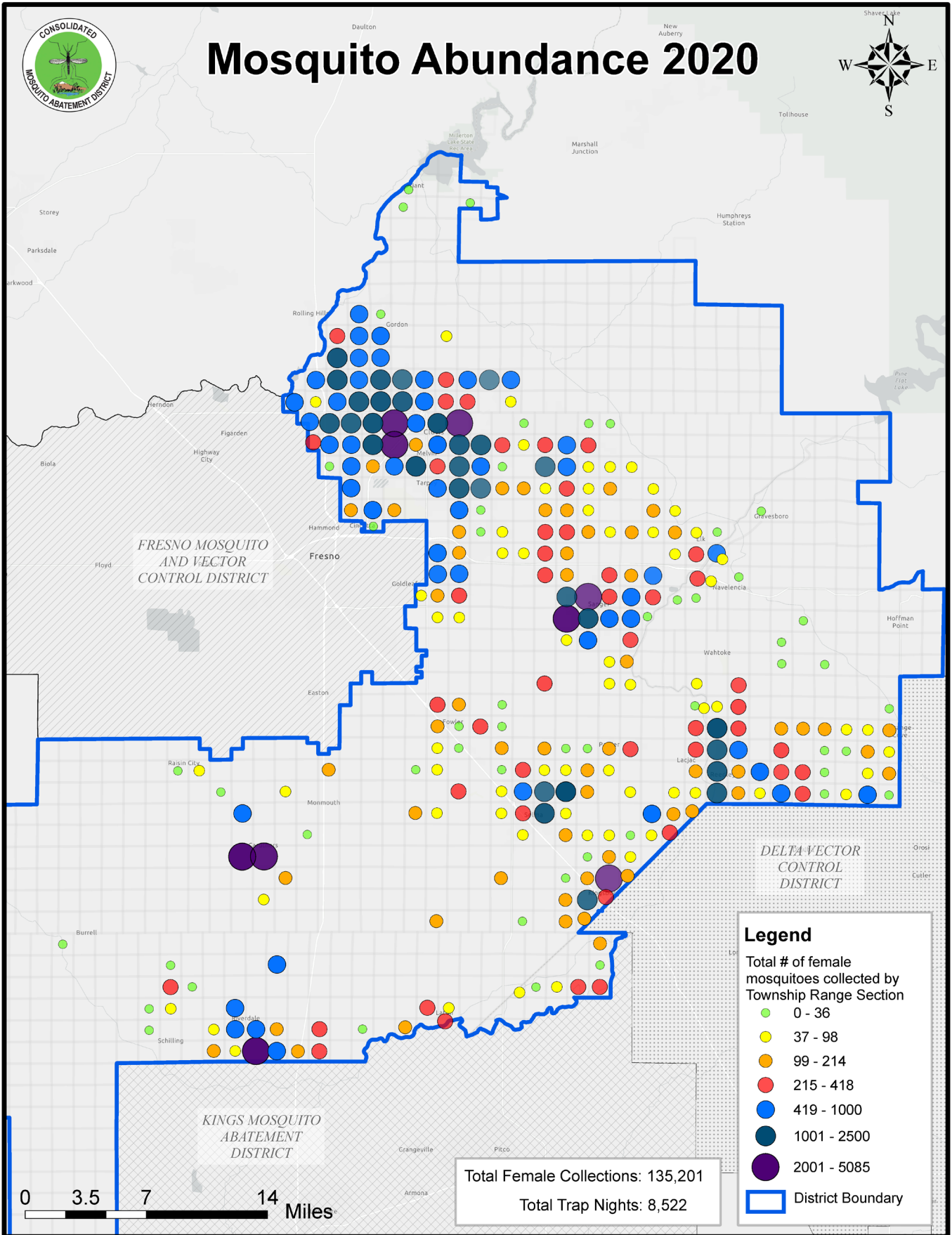
Primary Mosquito Species Collected by Month



Culex quinquefasciatus, Culex tarsalis and Aedes nigromaculis



Mosquito Abundance 2020



Total Female Collections: 135,201
Total Trap Nights: 8,522

Legend

Total # of female mosquitoes collected by Township Range Section

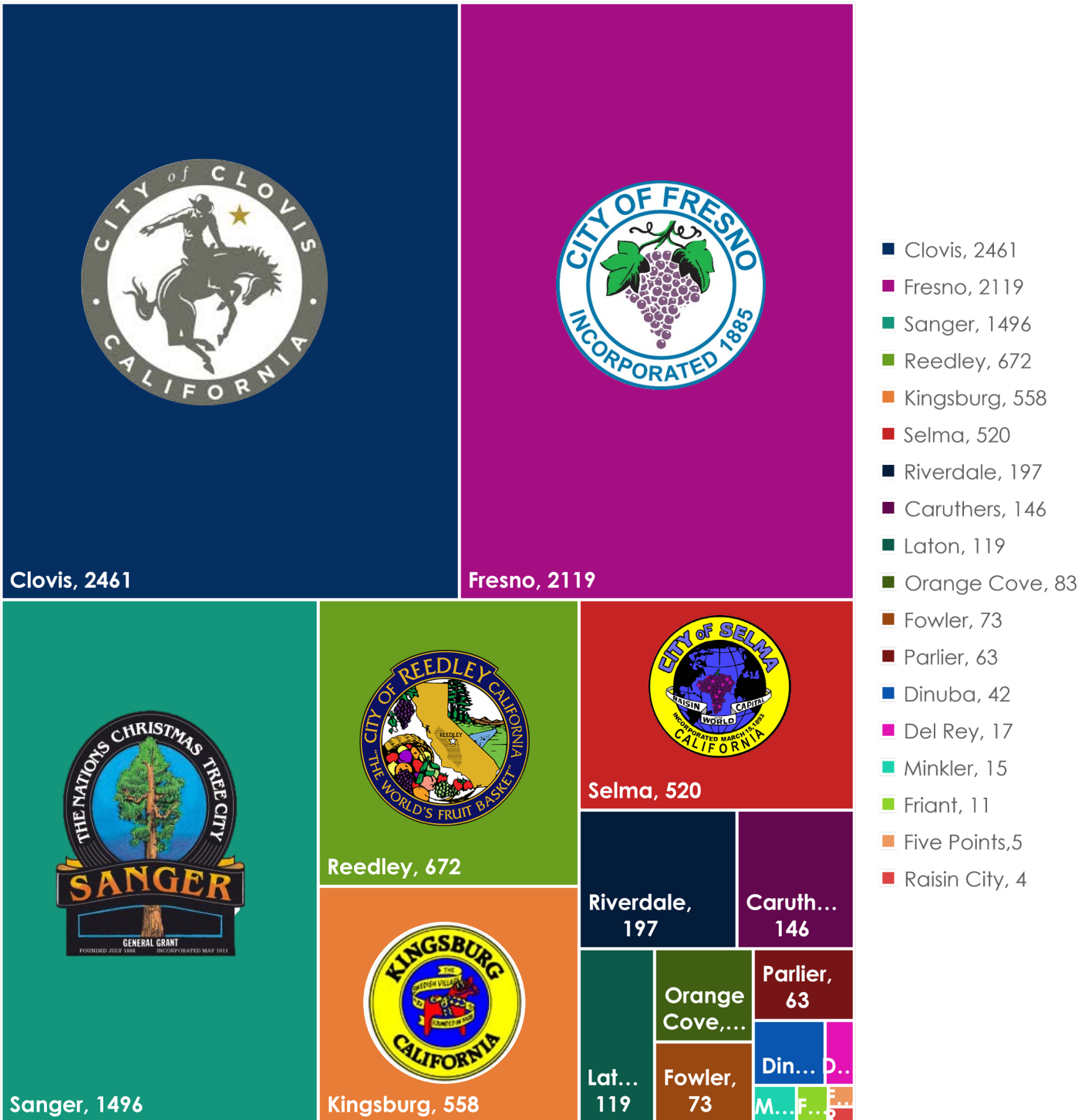
- 0 - 36
- 37 - 98
- 99 - 214
- 215 - 418
- 419 - 1000
- 1001 - 2500
- 2001 - 5085

□ District Boundary

SURVEILLANCE

TRAP DISTRIBUTION BY CITY

Total Trap Nights



*Not all trap placements fall within city boundaries. The chart summarizes trap locations based on the city listed for the residential or commercial address.

Staff Training/Education

Twenty-nine seasonal and six full-time employees were trained in pesticide safety and handling. Twenty-nine seasonal and eight full-time employees were trained in heat illness and Valley fever prevention. Full time staff viewed up to 11.50 hours of State certified continuing virtual education in categories A-D combined.



Operator Derek Hill educates residents at the 2020 Home and Garden.

Community Outreach/Presentations

The District attended one in-person outreach event and participated in one virtual city council meeting. The in-person event was the Home and Garden show the first weekend in March at the Fresno fairgrounds. An estimated 390 residents were reached during that event.

In September, the District Manager and Science Education Coordinator both attended the virtual City Council meeting in Kingsburg. A five-minute presentation was given by the Science Education Coordinator, Katherine Ramirez along with five minutes for questions from the city council members. All other in person community events were cancelled due to the COVID-19 pandemic.

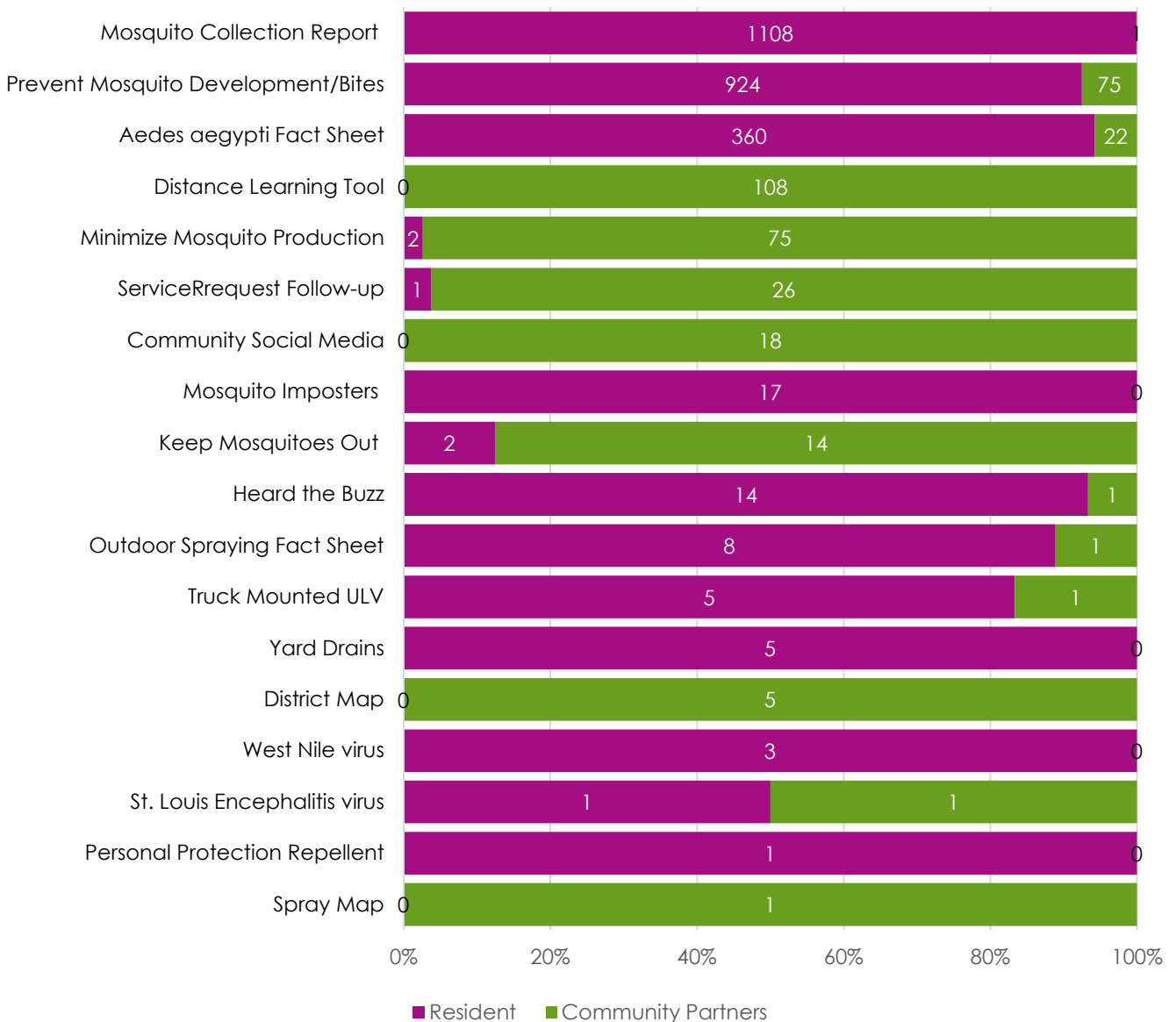
SCIENCE EDUCATION

Education Document Distribution

A total of 1,055 residents* received 2,451 education documents along with 217 community partners receiving 349 education documents. These documents help residents and property managers prevent mosquito development and mosquito bites.

*97% were residents who requested service by reporting a mosquito problem, had mosquito surveillance traps set at their property, and were contacted by Laboratory staff.

Education Document Distribution 2020

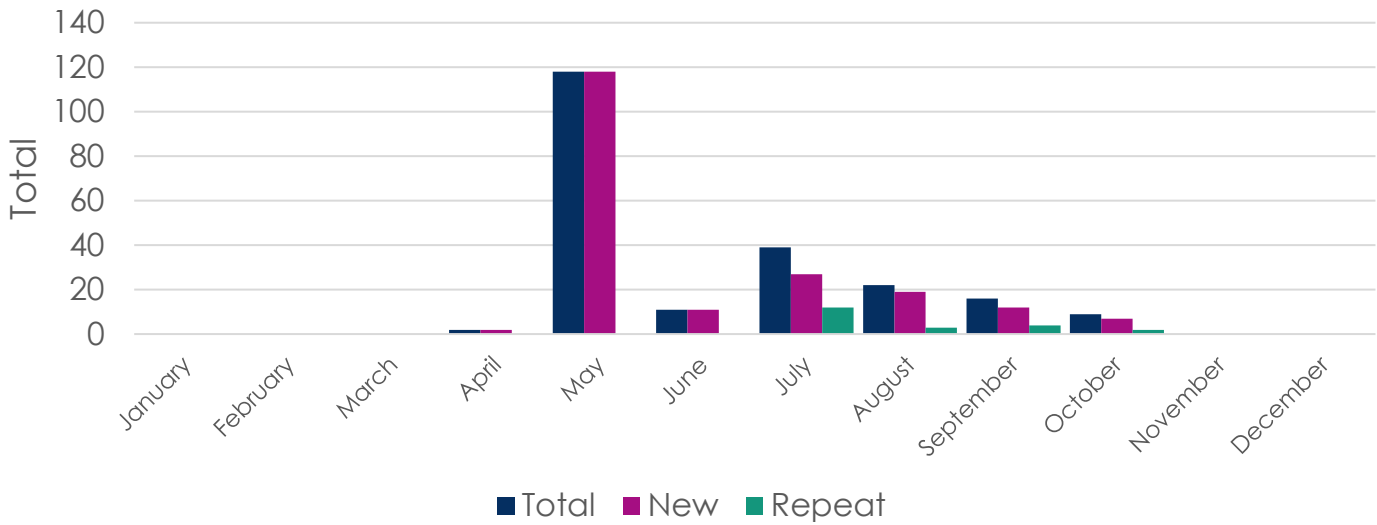


SCIENCE EDUCATION

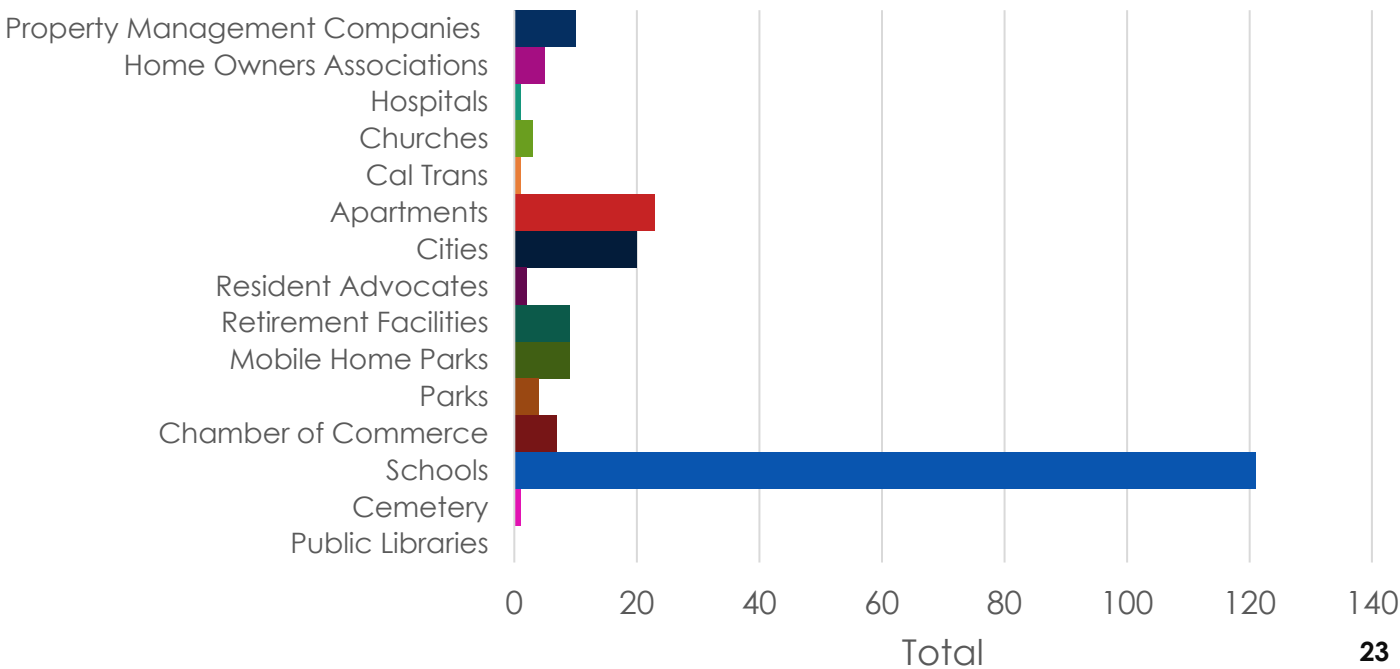
Community Partner Outreach

Community partners are a valuable resource to aid in the distribution of educational documents to residents on the District's behalf. A total of 217 community partners were contacted with 11% contacted a second time and provided with the mosquito prevention and protection reminder. The goal in 2021 is to reach out to each community partner established in 2020 and increase our community partners list by 50% along with sending 100% of our community partners our mosquito prevention and protection reminder.

Community Partners Contacted by Month



Type of Community Partner Contacted

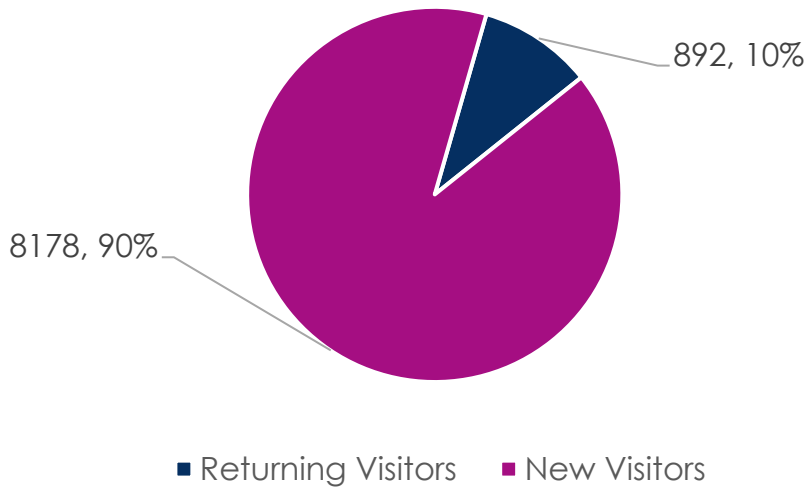


DIGITAL OUTREACH

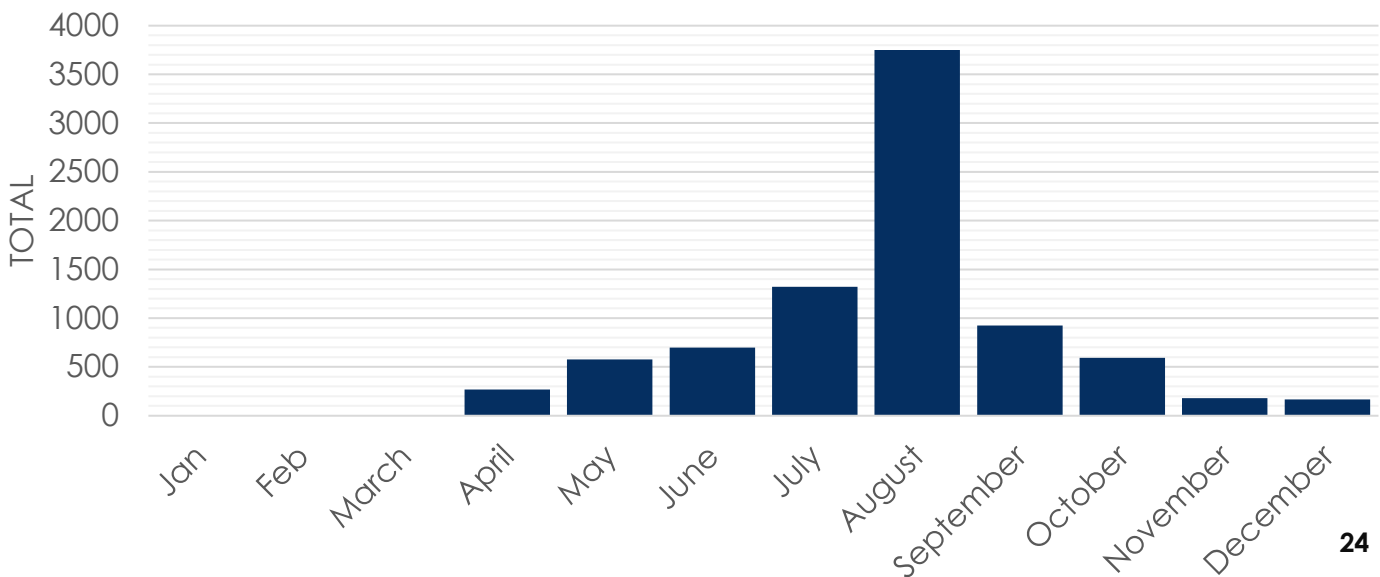
District Website

In the Spring of 2020, the District partnered with Streamline to design and launch a new website that would be fully compliant with all state website requirements for Special Districts . After the new website launched in April, Google analytics was used to gather website performance data. The website had 9,070 visitors with a peak on August 13th. This peak was likely the result of an ABC30 Action News story reporting on the spraying for WNV positive mosquitoes in a Clovis neighborhood.

2020 Website User Type



Monthly Website Visits by Month

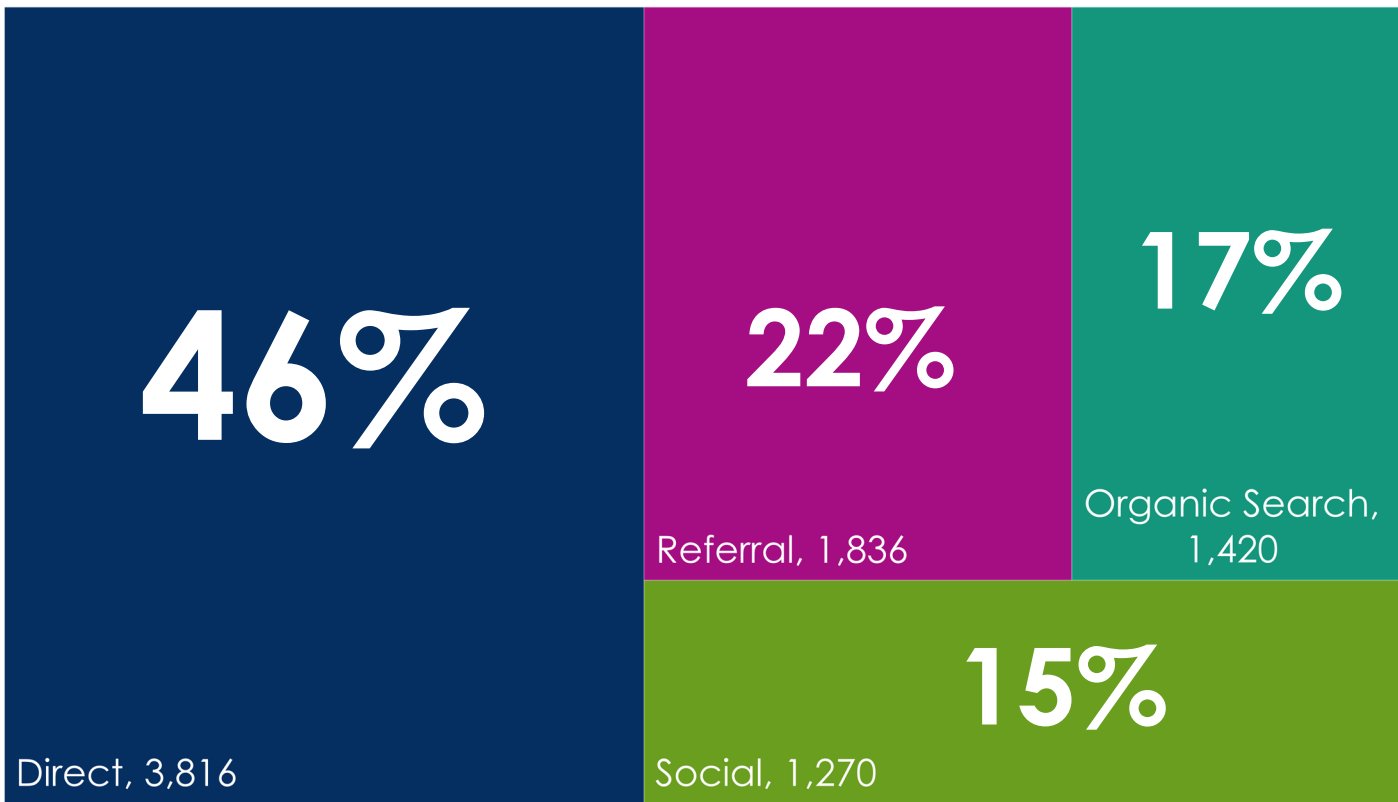


District Website

Google analytics acquisition data indicates which external sites were driving traffic to our website. This data is represented by the number of users acquired through four different sources; direct, referral, organic search, and social. In 2020, 3,816 new users came to our website by typing our URL into their address bar.

Users Acquired by External Sources

■ Direct ■ Referral ■ Organic Search ■ Social



- ❖ Direct - visitors who come to the website without a traceable referral source, such as typing your URL into their address bar or using a bookmark on their browser.
- ❖ Referral - visits to the website from other websites that link directly to our site.
- ❖ Organic - visitors who come to the website through a search engine.
- ❖ Social - visitors who come to the website from a social network.

District Website

The website's education pages combined were compared to the combined standard website pages. This shows the most popular education webpage in 2020 was, "How to screen your yard drains".

Category	Percentage of pages viewed from total pages viewed	Most viewed page in category	Percentage of time a visitor entered our website through a page	Average number minutes a visitor viewed content on a page
Education website pages combined	20%	How to screen yard drains	20%	1.37
Standard website pages combined*	80%	Homepage	80%	0.59

*A standard web page would be a page that is not part of the education section, such as the homepage

Social Media

Social media platform	Number of subscribers (change from 2019)	Number of posts	Engagement rate
Facebook	347 (↑120)	50	9.4%
Twitter	216 (↑51)	46	3.9%
Nextdoor	98,548 (↑5,929)	8	0.4%
Nextdoor*		201	0.4%
Instagram	93 (↑93)	16	11.9%

*Used exclusively for neighborhood spray notifications during August, September & October.

Social Media – Digital Advertising

The District ran three advertisements and boosted eleven posts on Facebook between July and October. During the paid advertisement/posting period, 31.2% of the website users came to our website through Facebook, compared to 6.6% of website users coming to our website during unpaid advertisement/post and 4.4% when no posts were made. Facebook followers increased during the advertising period by 24% compared to a 12% increase during the same period in 2019 without any advertising.

Month	Advertisement/boosted post topic*	Link clicks** (all)	CTR*** (all)	Cost per result^
July	Advertisement - Screen Yard Drains	506	5.78%	\$0.15
	Boosted Post - Personal Protection	290	7.12%	\$0.12
	Boosted Post - Mosquito Busters Tool	654	8.50%	\$0.09
August	Advertisement - Personal Protection	434	5%	\$0.36
	Advertisement - Backyard Inspection	395	7.51%	\$0.42
	Boosted Post - Keep Mosquitoes Out	644	6.99%	\$0.09
	Boosted Post - Mosquito Busters Tool	187	7.33%	\$0.09
	Boosted Post - Screen Yard Drains	454	9.11%	\$0.27
	Boosted Post - DYK? Keep Mosquitoes Out	318	12.24%	\$0.16
September	Boosted Post - Personal Protection	134	11.33%	\$0.22
October	Boosted Post - Personal protection	277	10.24%	\$0.12
	Boosted Post - Screen yard drains	429	8.79%	\$0.08
	Boosted Post - Dump sources	72	5.65%	\$0.47
	Boosted Post - Personal protection	98	8.59%	\$0.33

*An advertisement and a boosted post are content promoted by Facebook to users that do not follow our page.

**The number of all clicks on the ad/post.

***Click-Through Rate - the percentage of times people saw the ad/post and performed any type of click.

^The number of times the ad/post achieved an outcome, based on the objective and settings that were selected.

SCIENCE EDUCATION

Distance Learning Tool

The interactive web-based learning tool was created in April 2020. The tool was shared to our residents through social media and shared to all elementary schools within District boundaries. This tool is also housed on the District website and received 705 page views, representing 3.4% of total website page views in 2020.

News Media

During the 2020 season three local news interviews were conducted by District staff. In June, a joint press release with the Fresno County Department of Public Health announcing the first WNV positive mosquitoes triggered interviews with local television media stations ABC30 Action News and Telemundo Fresno. Interviews were filmed remotely on June 4th, with ABC30 Action News interviewing the District Manager, Steve Mulligan and Telemundo interviewing Science Education Coordinator, Katherine Ramirez. The District Manager's interview was later featured in a TikTok video posted by actor Adam Rose, that has been viewed 5.5 million times and was liked by 1.4 million TikTok users. TikTok is a platform that showcases short-form mobile videos. Their mission is to inspire creativity and bring joy. The District Manager, Steve Mulligan was interviewed a second time via Zoom by ABC30 Action News on September 3rd to discuss the status of mosquito abundance in the Central Valley and what residents can do to prevent mosquito development on their property.


FREE INTERACTIVE SCIENCE EDUCATION TOOL

ATTENTION 4TH, 5TH, & 6TH GRADE TEACHERS

We are excited to announce a new interactive student learning tool called Mosquito Busters which provides a resource for science education on insect biology.

Students can learn how to identify mosquito development sites and take an active role in helping reduce the number of mosquitoes around the home and in our communities.

After each lesson the students are able to test their knowledge and gain a virtual Mosquito Busters Badge.



Mosquito Busters

FREE INTERACTIVE SCIENCE EDUCATION TOOL

For more information please contact:
Katherine Ramirez, Science Education Coordinator
Direct phone: (559) 356-6211
Email: kramirez@mosquitobuzz.net

This tool provides three interactive lessons.


The first lesson teaches about the mosquito life cycle.

The second lesson teaches how to become mosquito inspectors.

The final lesson teaches about mosquito imposters or flies commonly mistaken for mosquitoes.

Find the learning tool three different ways:

1. Type <https://qrqo.page.link/ZQWxc> in any web browser.
2. Visit our website at www.mosquitobuzz.net and click on the Mosquito Busters page in the Education section.
3. Scan this code.



Consolidated Mosquito Abatement District
13151 E. Industrial Drive
Parlier, CA 93648
(559) 896-1085
(800) 821-1577
www.mosquitobuzz.net



TELEMUNDO FRESNO

NOTICIAS LOCALES EL TIEMPO VIDEOS ENTRETENIMIENTO CONSUMIDORES DEPORTES ESCUELA TV

TELEMUNDO FRESNO | Noticias | Noticias Locales | El Tiempo | Videos | Entretenimiento | Consumidores | Deportes | Escuela TV

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Llega el mosquito portador del Virus del Nilo Occidental al Valle Central

Según el Departamento de Salud Fresno, el mosquito fue detectado en el condado Fresno, por lo que alertan al público a tomar las precauciones necesarias para evitar su contagio.

Por TELEMUNDO FRESNO - Publicado el 04 de junio del 2020 - Actualizado a las 7:26 pm

04 de junio del 2020



KATHERINE RAMIREZ
DISTRITO CONSOLIDADO DE REDUCCION DE MOSQUITOS

Actualmente de salud están sobre la Salud de los mosquitos portadores del Virus del Nilo Occidental.

Esta confirmación es un fuerte recordatorio de que todos deben tomar esta enfermedad en serio y deben tomar cada precaución para proteger y proteger a sus familias de las picaduras de mosquito - dice el Dr. Paul Torres, Oficial Interino de Salud del Departamento de Salud Pública.



abc30 ACTION NEWS WATCH LIVE Fresno County North Valley

SHARE TWEET EMAIL

Mosquitoes with West Nile Virus found in Fresno, health officials say

A sample of mosquitoes collected in Fresno County have tested positive for West Nile Virus.

By Nathalie Granda

04 de junio del 2020



STEVE MULLIGAN
CONSOLIDATED MOSQUITO ABATE

SHARE TO MORE VIDEOS

With concerns still high for the coronavirus, health officials are now warning people about another virus that could be buzzing around in your own backyard.

FRESNO, Calif. (KFSN) - With concerns still high for the coronavirus, health officials are now warning people about another virus that could be buzzing around in your own backyard.