

WEEKLY REPORT

OWENS VALLEY MOSQUITO ABATEMENT PROGRAM ◦ MAMMOTH LAKES MOSQUITO ABATEMENT DISTRICT

WEEK 38: SEPTEMBER 15 TO SEPTEMBER 21, 2024

PAST WEEK'S TREATMENT SUMMARY

Mosquito surveillance and larvicide treatments continue to be made in the Owens Valley and Mammoth Lakes areas as necessary. Mosquito larvicide applications have been performed in pastureland's north, east, and south of Bishop, including the Warm Springs road area and Owens River oxbows. Some fields north and east of Big Pine have shown larval activity and are receiving treatment. Adult mosquito populations have been low in the Independence and Lone Pine areas due to treatment applications east of Independence and west of Lone Pine.

OVMAP is keeping a close eye on the river flows coming out of Pleasant Valley reservoir due to the annual gorge flushing event. PVR flows are holding steady around 600 cfs. OVMAP staff has this under surveillance and making larvicide applications as necessary.

OVMAP staff deployed CO2 traps and performed ULV fog treatments in and around the Millpond Recreation Area to reduce the number of adult mosquitoes for the Mill Pond Music Festival this weekend.



On the left are Black Flies or "Buffalo Gnats" they are some of the other biting insects that we catch in our CO2 traps. On the right is a ULV fogging application being performed at the Millpond Recreation Area.



Report Prepared by:
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EVS TRAP COLLECTION RESULTS

	<i>Culex tarsalis</i>	<i>Culex erythrothorax</i>	<i>Anopheles freebornii</i>	<i>Anopheles franciscanus</i>	<i>Aedes melanimon</i>	<i>Aedes nigromaculis</i>	<i>Aedes dorsalis</i>	<i>Aedes vexans</i>	<i>Culiseta inornata</i>	<i>Culiseta incidens</i>	TOTAL
Aberdeen	4	0	0	0	0	0	0	0	0	0	4
Blackrock	<i>Trap Failure</i>										0
Independence (Museum)	<i>No mosquitos detected</i>										0
Independence (Tree Farm)	5	0	0	0	0	0	0	0	0	0	5
LORP near Mazourka	<i>No mosquitos detected</i>										0
Alabama Gates	<i>Trap Failure</i>										0
Lone Pine (Trinity Slough)	<i>No mosquitos detected</i>										0
Lone Pine (Spainhower Park)	<i>No mosquitos detected</i>										0
Owens River Delta	<i>No mosquitos detected</i>										0
Keeler (Swimming Pool)	3	0	0	0	0	0	0	0	0	0	3
Cartago (Soda Ponds)	15	0	0	0	0	0	0	0	0	0	15
TOTAL	27	0	0	0	0	0	0	0	0	0	27

ANALYSIS OF COLLECTION RESULTS

CO2 baited EVS traps were positioned along the south district run (Aberdeen to Cartago) this week. Nine of the eleven traps set, ran well with no malfunctions. The Alabama Gates and Blackrock traps failed.

Possibly due to the cooler weather, adult mosquito populations were down this week for the south trap run. We only trapped a total of 27 mosquitoes from 4 different traps. A noticeable decrease in trapping results compared to the 190 collected 2 weeks ago. Most of the mosquitoes came from the Cartago Soda Ponds trap with 15 *Culex tarsalis*. Coming in second was the Independence Tree Farm trap, it caught 5 *Culex tarsalis*. Third place went to the Aberdeen trap, it had 4 *Culex tarsalis*. The Keeler Swimming Pool trap picked up 3 *Culex tarsalis*. All the remaining EVS traps did not produce any mosquitoes.

Our BG Sentinel traps only collected 1 mosquito this week. The Mammoth Lakes BGS trap had 1 *Culiseta inornata*. All of the remaining BGS traps did not catch any mosquitoes this week. No invasive *Aedes* species were detected either.

Next week, EVS traps will be deployed along the north district run from Mammoth Lakes to Tinemaha.

DISEASE TESTING SUMMARY

We did not collect enough disease transmitting mosquitoes to send out any Mosquito Pool Samples this week.