



MONTHLY UPDATE

June 2022

The next and last regular meeting of the Commission for the current fiscal cycle is June 8, 2022, with the usual start time of 8:15 a.m. in the Planning Commission Hearing Room.

Here are upcoming items for the June 8 Regular Meeting:

Detachment from the City of Tustin

Over the past year, the Commission has seen an increase in applications submitted by landowners and cities to correct illogical boundaries bordering many cities and the County of Orange. Often, these boundaries create issues involving land use planning and confusion or duplication in the delivery of municipal services.

The June 8 agenda will include a proposal to adjust the boundary between the City of Tustin and the County of Orange for an area less than one acre that includes a vacant lot, proposed for the development of a single-family home. Under the current boundary, the landowner must seek land use approvals and improvements from two jurisdictions and has applied for the boundary adjustment, with the support of the City and County, to place the entire lot under the single jurisdiction of the County.

Annexation of the Hamer Island

The annexation of the Hamer unincorporated island to the City of Placentia represents the final official step in a process that began in 2020. In part to this process, the Commission has played a key role in the City providing fire and emergency medical services to the residents of the island prior to annexation and working collaboratively with the County and City teams to provide information to the residents and proactively assist with the annexation process. As we approach the finish line for the successful transition of another unincorporated area to an adjacent city, annexation of the Hamer Island will continue OC LAFCO's effort to improve efficiency in municipal service delivery within these pockets. At the June meeting, the Commission will consider the City's proposal to annex the island and the respective terms and conditions.

What's Happening in Sacramento?

While the legislative session did not disappoint on the introduction of a few thousand bills, the number of bills of LAFCO-interest were key but relatively moderate. At the June meeting, the Commission will receive details on the status of bills reviewed by the Commission for the current session and highlights on those maintaining life through the committees with potential to head to Governor Newsom's desk.

City Member Appointment

On May 19, current Alternate City Member Peggy Huang was appointed unanimously by the City Selection Committee to the Regular City seat for a term to commence July 1. OC LAFCO congratulates Commissioner Huang on receiving support of the Committee and her continued role with the Commission. As the Alternate City seat is now vacant, staff was notified by the Clerk of the Board that filing of the vacancy has been scheduled for the Committee's next meeting in November.



MONTHLY UPDATE

June 2022

(Continued)

Other Announcements and Activities

Orange County Council of Governments (OCCOG)

Congratulations to Vice Chair Don Wagner and Commissioner Wendy Bucknum on their recent leadership appointments by the OCCOG Board of Directors. Commissioner Bucknum was elected by the Board to serve as OCCOG's Chair and Commissioner Wagner will serve as the Vice Chair, beginning May 1. Commissioners Bucknum and Wagner also serve on multiple other committees, such as Southern California Association of Governments (SCAG), to further the regional and planning efforts of Orange County.

Upcoming CALAFCO Webinar

On June 23, CALAFCO will conduct a webinar, "Brave New World of HR: Hiring Headaches, Trends, and Opportunities in a Post-Pandemic World." The session will focus on best practices for hiring in today's climate and the imperfections of the virtual process. Executive Officer Carolyn Emery will provide a case presentation on what went well and not so well on the Commission's most recent staff recruitment. Session registration to be provided by CALAFCO in the coming weeks.

No July Regular Meeting

As the OC LAFCO Strategic Planning Workshop will take place on July 13, 2022, there will be no regular meeting of the Commission during the month of July. Additional details to be provided prior to the workshop.

ORANGE COUNTY MOSQUITO AND VECTOR CONTROL DISTRICT

MONTHLY REPORT: Yorba Linda



April

	Monthly	Year to Date (YTD)	County Monthly	County YTD
OPERATIONS				
Service Requests Completed:	3	17	198	635
Mosquitoes:	3	13	136	439
Rats:	0	0	21	97
Rifa:	0	4	39	94
Number of Swimming Pools Treated/Inspected:	36	187	681	3,566
Hours Spent Treating/Inspecting Gutters	9.41	9.41	692.7	819.5
Undergrounds Treated:	18	18	1,950	3,020
Acres of Flood Channels Treated:	0.1	0.15	52.39	74.1324
Acres of RIFA Treated/Inspected:	212.75	425	6,428	16,285
Number of Inspection Treatments:	32	164	1,258	5,598
LABORATORY				
Adult Mosquitoes Collected:	0	0	13,272	24,839
Collected From Trustee Home:	0	0	0	0
Invasive Aedes	0	0	14	30
Mosquito Pools (Samples) Tested:	0	0	299	561
WNV Positive Samples:	0	0	1	1
WNV Positive Birds:	0	0	0	0
Number of Human Infections/Deaths:	0	0	0	0
Fleas, Ticks, and Others Tested:	-	-	-	427
COMMUNICATIONS				
Outreach Events Attended:	0	0	9	10
General Presentations:	1	1	4	10
Educational Program Presentations:	0	0	21	76
Calls Received	-	-	206	662

PROJECTS IN COLLABORATION WITH OCMVCD

None at this time

COUNTY RESPONSE LEVEL / AVERAGE RATING:

Normal Season (1.0 to 2.5)
Elevated Risk (2.6 to 4.0)
High Risk (4.1 to 5.0)

TOTAL 5

AVERAGE 1.25

Vector of the Month-Mosquitoes of Orange County

Orange County supports a unique assemblage of mosquitoes represented among common and rare species. Several are known for their involvement with the transmission of St. Louis encephalitis, malaria, and West Nile virus to humans. The following text presents a brief synopsis of the commonly occurring mosquito species currently known from the county.

Aedes aegypti & Aedes albopictus:

These invasive mosquito species are primarily associated with urban areas and can be found breeding in natural and small artificial water sources, such as flowerpots. They are active during the day and readily take blood meals indoors and outdoors. These species can transmit yellow fever, dengue, chikungunya, and zika to people, and dog heartworm to dogs. *Aedes aegypti*, also known as the “ankle biter,” is now the species responsible for most of the District’s mosquito complaints.

Culex quinquefasciatus: The southern house mosquito is the species formerly responsible for a majority of the District’s mosquito abatement services and related control activities. Females are active nearly year around in the more sheltered areas of the county and will frequently enter houses to seek blood. Larvae are commonly associated with all types of “urban waters” held in sources ranging from swimming pools to flower pots. This species serves as our primary vector of both West Nile (WNV) and St. Louis encephalitis (SLE) viruses.

Culex tarsalis: The western encephalitis mosquito is considered by most mosquito biologists to be the principal encephalitis vector throughout much of its range in North America. It is our primary vector of western equine encephalitis (WEE) virus and primary/secondary vector of WNV and St. Louis encephalitis (SLE) virus. Adults are active during the spring, summer, and fall. Though more common in less developed areas, breeding occurs throughout the county in association with most types of clean, standing water sources in channels and marshes.

Culex erythrothorax:

The tule mosquito is a distinctive reddish-colored species associated with coastal and inland permanent wetlands, particularly the San Joaquin Marsh. Although females do not disperse far from breeding sources to bite, their often painful bite is usually followed by a severe local reaction. The tule mosquito overwinters as mature larvae, unlike most *Culex* species that overwinter as adult females. Emergence occurs as early as late February with continuous breeding extending well into the fall during favorable years. This species has been found naturally infected with WNV, WEE, and SLE, but is considered a less competent vector of these mosquito-borne diseases.

Culex stigmatosoma: This close relative of *Culex tarsalis* is sometimes referred to as the foul water mosquito as a consequence of its breeding habits in association with either stagnant or polluted waters. Females are on the wing throughout the county from spring to early fall, seldom bite humans, and only rarely enter homes. This species has been demonstrated to be an efficient vector of WNV and St. Louis encephalitis (SLE) virus, and thus, represents an important link in the maintenance of these viruses in birds.

Aedes squamiger: The California salt marsh mosquito is a late winter and early spring species that breeds in coastal wetlands flooded by seasonal rainfall. Larvae usually occur in rainwater filled depressions in association with pickleweed and salt grass. It is an extremely aggressive day and dusk biter with the capacity to disperse long distances to obtain a blood meal. Bolsa Chica populations have been

found naturally infected with a California group (CE) encephalitis (Morro Bay) virus. The potential impact of this virus on residents inhabiting coastal areas is unknown.

Aedes taeniorhynchus: This summer species is sometimes called the dark salt marsh mosquito because of its highly contrasting black and white coloration. Larvae develop in upland pickleweed flats that are flooded by high tides. It is an aggressive biter during the day and at dusk and can be troublesome to coastal residents living near breeding sources.

Culiseta incidens: The cool weather mosquito is most often encountered from February through June. It is found throughout the county in association with a variety of larval habits that include rainwater pools, artificial containers, and ornamental ponds. Although this mosquito is not considered a major pest, females will occasionally enter homes or bite residents outdoors near breeding sources.

Anopheles hermsi: This spring, summer, and fall mosquito is found sporadically throughout the county in association with breeding sources containing floating mats of filamentous algae. As a competent vector of human malaria, this species has been involved with the autochthonous (indigenous) transmission of this disease in San Diego County. Malaria transmission is possible in Orange County if residents are bitten by females that have been infected as a consequence of feeding on either a resident or transient experiencing a typical relapse.

Culiseta inornata: The impressive large winter mosquito is encountered during the cooler months of the year. Larvae develop in all types of natural sources. Abundant larval populations occur in association with *Ae. squamiger* in salt marsh habitats. At times,

this species can be locally troublesome to coastal residents. Elsewhere, this species has been involved with the transmission of a number of mosquito-borne encephalitides: WEE, SLE, and Jamestown Canyon viruses.

Culiseta particeps: Similar to *Culiseta inornata*, this distinctive species with scale patches on the wings usually breeds during the cooler months of the year. Larvae occur in shaded alga-laden pools along foothill streams both inland and near the coast.

Aedes washinoi: *Aedes washinoi* occurs along the coast and sporadically inland where it can be locally annoying to residents following wet winters. Larvae develop in fresh water located in the upland portions of salt marshes and in floodwater sections of coastal and inland streams.

Anopheles franciscanus: On the wing during the spring, summer, and fall, this species is found at a limited number of sites within the county. It breeds in sources supporting abundant algal-growths and floating mats of vegetation. This species seldom bites humans and does not experimentally transmit human malaria in the laboratory.

Control mosquitoes outside your home

Content source: Centers for Disease Control and Prevention, National Center for Emerging and Zoonotic Infectious Diseases (NCEZID), Division of Vector-Borne Diseases (DVBD) Page last reviewed: August 13, 2019

Remove standing water where mosquitoes could lay eggs

- Once a week, empty and scrub, turn over, cover, or throw out any items that hold water like tires, buckets, planters, toys, pools, birdbaths, flowerpot saucers, or trash containers. Mosquitoes lay eggs near water.
- Tightly cover water storage containers (buckets, cisterns, rain barrels) so that mosquitoes cannot get inside to lay eggs.
- For containers without lids, use wire mesh with holes smaller than an adult mosquito.
- Use larvicides to treat large containers of water that will not be used for drinking and cannot be covered or dumped out.
- If you have a septic tank, repair cracks or gaps. Cover open vent or plumbing pipes. Use wire mesh with holes smaller than an adult mosquito.

Kill mosquitoes outside your home

- Use an outdoor insect spray made to kill mosquitoes in areas where they rest.
- Mosquitoes rest in dark, humid areas like under patio furniture, or under the carport or garage. When using insecticides, always follow label instructions.



Control mosquitoes inside your home

Keep mosquitoes out

- Install or repair and use window and door screens. Do not leave doors propped open.
- Use air conditioning when possible.

Kill mosquitoes inside your home

- Kill mosquitoes inside your home. Use an indoor insect fogger or indoor insect spray to kill mosquitoes and treat areas where they rest. These products work immediately, and may need to be reapplied. When using insecticides, always follow label directions. Only using insecticide will not keep your home free of mosquitoes.
- Mosquitoes rest in dark, humid places like under the sink, in closets, under furniture, or in the laundry room.

BOARD MEETING HIGHLIGHTS

For the May 12, 2022, Meeting

F/ETCA BOARD OF DIRECTORS

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ANAHEIM

Farah Khan,
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Scott Voigts,
LAKE FOREST

Patricia Kelley,
MISSION VIEJO

Mark A. Murphy,
ORANGE

Anthony Beall,
RANCHO SANTA MARGARITA

John Taylor,
SAN JUAN CAPISTRANO

David Penalzoza,
SANTA ANA

Austin Lumbard,
TUSTIN

Donald P. Wagner,
COUNTY OF ORANGE, 3RD DIST.

Doug Chaffee,
COUNTY OF ORANGE, 4TH DIST.

Lisa Bartlett,
COUNTY OF ORANGE, 5TH DIST.

Ryan Chamberlain, Ex-Officio
Member, CALTRANS DIST. 12

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John Taylor,
SAN JUAN CAPISTRANO

David Penalzoza,
SANTA ANA

Donald P. Wagner,
COUNTY OF ORANGE, 3RD DIST.

Lisa Bartlett,
COUNTY OF ORANGE, 5TH DIST.

Ryan Chamberlain, Ex-Officio
Member, CALTRANS DIST. 12

TCA AND CHP CONTINUE PARTNERSHIP TO ENFORCE TOLLS AND ENHANCE SAFETY

The Agencies have extended a contract with the California Highway Patrol (CHP) for increased comprehensive patrolling of the 73, 133, 241 and 261 Toll Roads through 2023.

The Toll Roads are owned by the state of California, maintained by Caltrans and patrolled by CHP during their normal hours. In accordance with state law, TCA funds additional hours to enforce and deter toll violations and promote proper motorist conduct. CHP officers focus on safety as a prime directive bringing additional benefits to TCA's partnership. The targeted patrolling performed by CHP under the terms of the contract is in addition to the hundreds of hours of enforcement already performed each month.

CHP has been providing increased comprehensive patrolling on The Toll Roads since 2000. The one-year extension will provide for up to 3,600 hours of additional enforcement performed by officers using overtime hours.

CHP's presence serves as a deterrent for excessive speeders, ticketing motorists with no license plates or obstructed license plates, as well as mitigating unsafe lane changes at the 241/91 transition.



NEWLY APPROVED LIQUIDITY RESERVE POLICY PROVIDES PROTECTION FROM RISK

The Transportation Corridor Agencies' (TCA) Boards of Directors took another positive step in its successful financial stewardship efforts by approving a liquidity reserve policy that calls for the holding of a portion of unrestricted funds reserves to provide risk protection and protect the strong credit ratings that have been achieved.

The reserve provides additional support to meet debt service coverage requirements or debt payments if revenue is negatively impacted by economic events or extreme events – like a global pandemic. It also demonstrates strong liquidity to bondholders and Wall Street rating agencies that the Agencies are continuing their strong management in overseeing the use of its available cash.

The policy commits each Agency to holding a minimum amount, which is calculated as the next fiscal year's annual debt service and operating expenses. The policy also commits to a higher target amount, which would be 10% of that Agency's outstanding debt balance.

The liquidity reserve policy is part of the Boards' adopted Strategic Plan and commitment to sound financial practices that support the Agencies' credit ratings, enable the funding of capital programs with cash and make possible the early pay down of debt.

PRINTING AND MAIL HOUSE FIRM HELPS TCA SEND 4.3 MILLION CORRESPONDENCES ANNUALLY

A contract was approved selecting QuestMark Information Management Inc. to provide bulk printing and mailing services for The Toll Roads' customer correspondences, invoices and notices of toll evasion.

A certified woman-owned business based in Houston, QuestMark was unanimously selected from three competitors through a competitive procurement process that began in November 2021. QuestMark's unanimous selection was based on its pricing, quality controls and 28-year history of printing, working with tolling agencies and meeting deadlines as well as demonstrated reliability in supporting TCA for nine years.

TCA mails approximately 4.3 million customer correspondences annually. The mailings are time sensitive and critical to TCA's operations, so contracting with a qualified and experienced provider with the ability to mail items with a 24-hour turnaround was paramount in selecting a contractor.