

**CITY COUNCIL MEETING
TUESDAY, JANUARY 29, 2019**

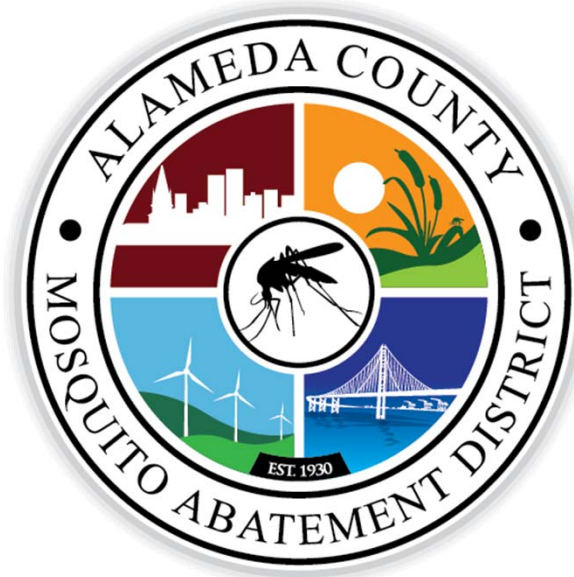
PRESENTATIONS

PRESENTATION

MODERN MOSQUITO CONTROL: CHALLENGES AND OPPORTUNITIES

Modern Mosquito Control Challenges and Opportunities

An Independent Special District
Protecting Public Health since 1930



City of Hayward: 1/29/19



Hello Hayward.

- Our District
- Mosquitoes
- Health Threats
- Control
- Innovations
- Partners



Our Board of Trustees

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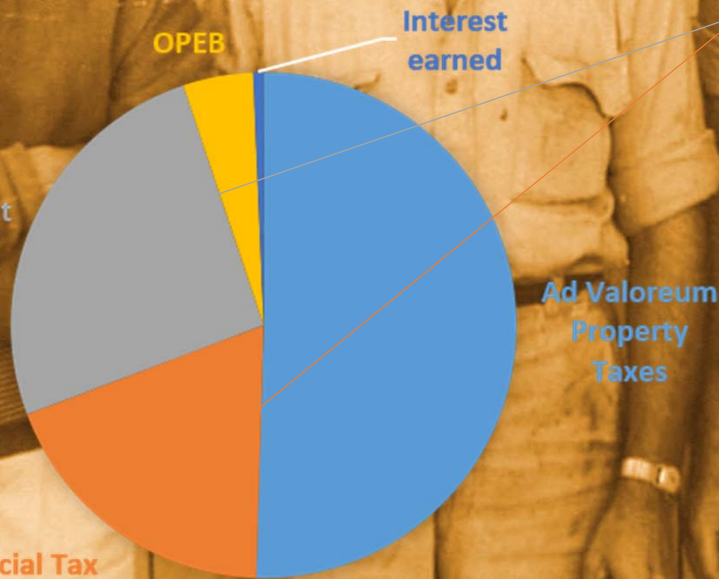
Subru Bhat, City of Union City

County-at-Large, vacant



Fixed Charges and/or Special Assessments

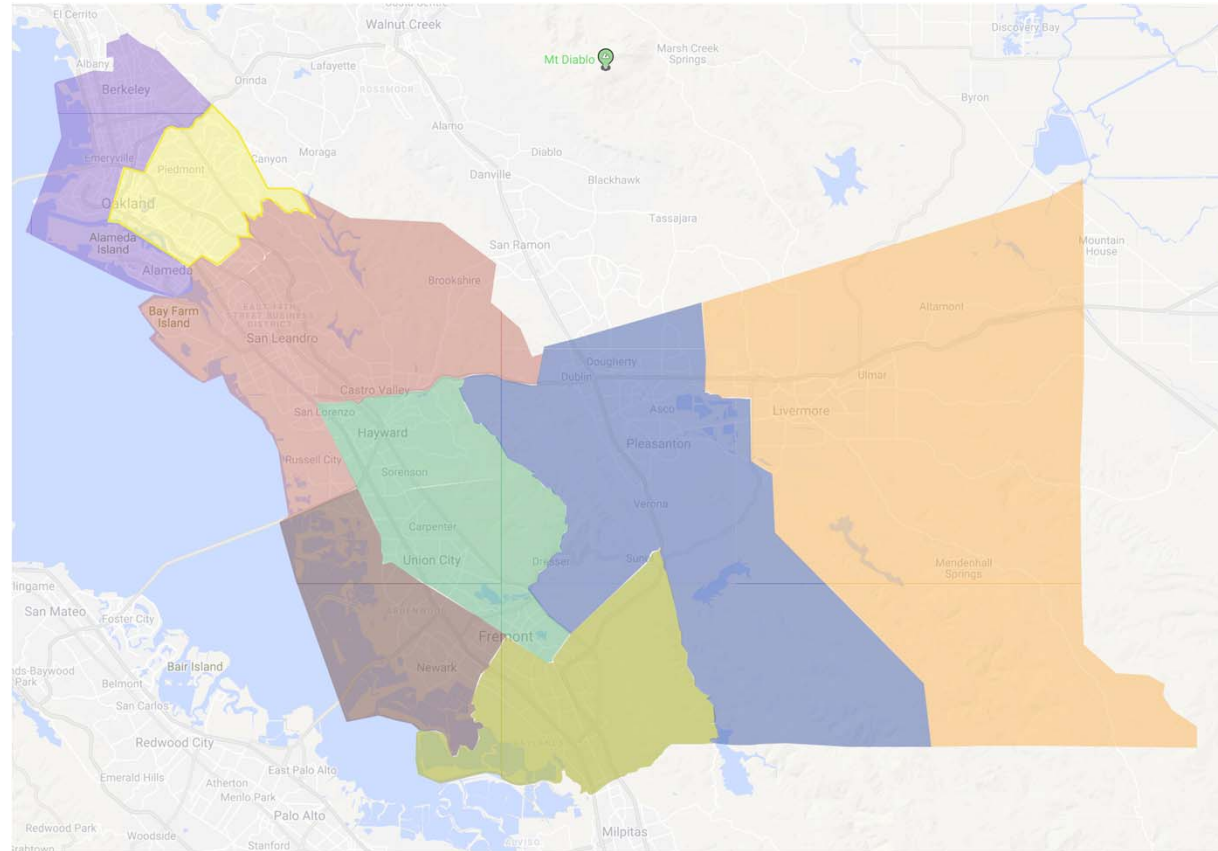
Description	Phone	Amount
CITY SEWER SERVICE	800-676-7516	313.80
MOSQUITO ABATEMENT	800-273-5167	1.74
CSA PARAMEDIC	800-441-8280	32.86
CSA VECTOR CONTROL	800-273-5167	5.92
HEALTHCARE DIST	800-273-5167	298.00
CSA LEAD ABATEMENT	510-567-8280	10.00
* SCHOOL MEASURE B1	844-332-0549	683.20
PERALTA CCD MEAS B	800-792-8021	48.00
SFBRA MEASURE AA	888-508-8157	12.00
HAZ WASTE PROGRAM	800-273-5167	7.40
CSA VECTOR CNTRL B	800-273-5167	4.08
MOSQUITO ASSESS 2	800-273-5167	2.50
AC TRANSIT MEAS VV	800-273-5167	96.00
EBMUD WETWEATHER	866-403-2683	103.74
* EAST BAY TRAIL LLD	888-512-0316	5.44
* EBRP PARK SAFETY/M	888-512-0316	12.00
URBAN RUNOFF	510-670-6615	56.14



(.0009% of property tax assessed value)

Financials

Our Staff: *17 FT & 5 Seasonal Staff*



Mosquito Control

9 FT Staff in 8 Zones
2 Seasonal Staff

Monitoring

3 FT Staff
2 Seasonal Staff

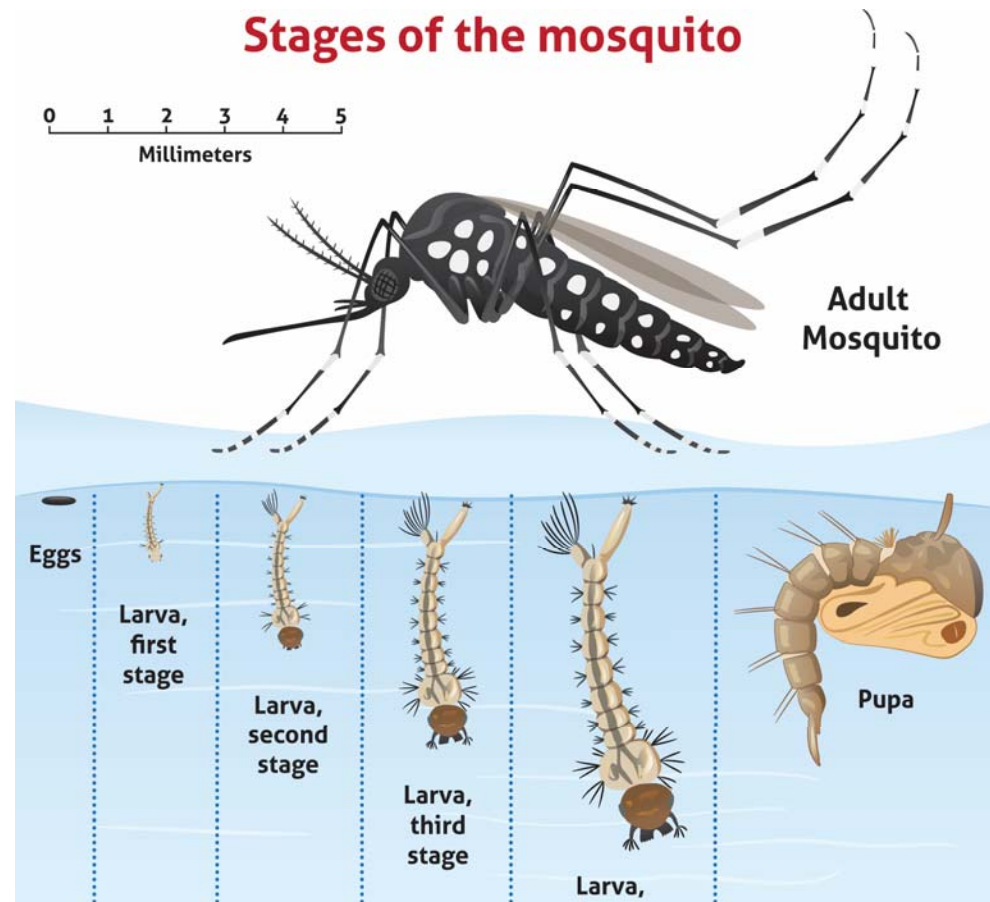
Administrative

5 FT Staff
1 Seasonal Staff



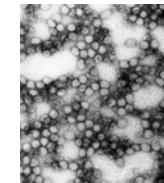
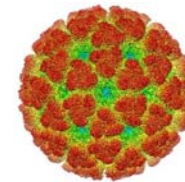
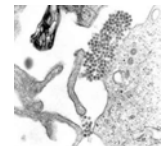
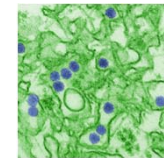
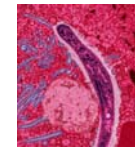
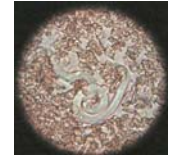
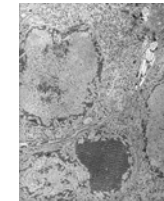
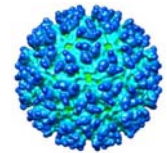
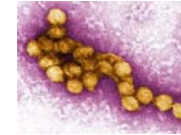
Aquatic Lifecycle

- Urban mosquitoes spend 1 - 2 weeks as larvae or pupae
- Breathe air at the surface of water



Mosquito Pathogens

- West Nile virus
- Western equine encephalitis virus
- Saint Louis encephalitis virus
- Dog heartworm
- Malaria
- Zika virus
- Dengue virus
- Chikungunya virus
- Yellow fever virus



Mosquitoes in Alameda County that transmit West Nile virus



Culex pipiens:
common house mosquito



Culex tarsalis:
western encephalitis mosquito



Mosquitoes that spread Zika, Dengue, Chikungunya, Yellow Fever viruses



Aedes aegypti

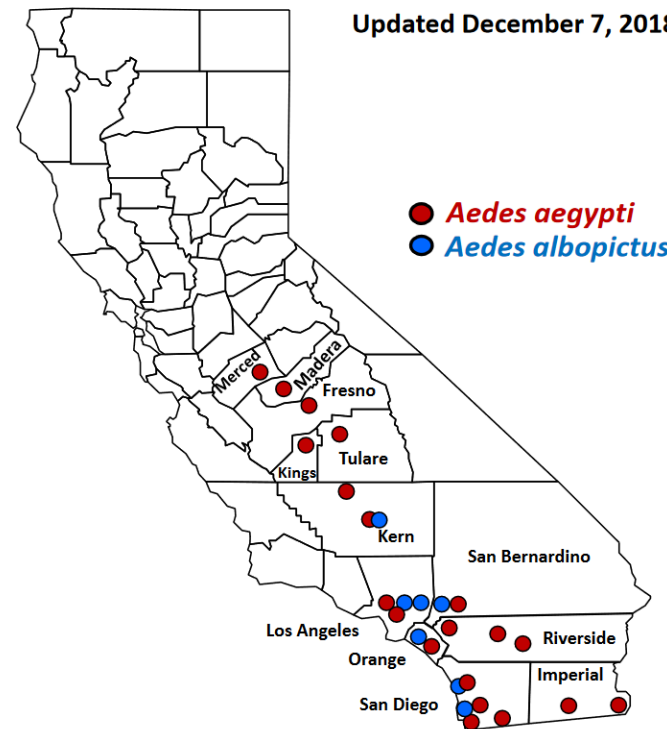
lyre-shaped pattern on thorax

Aedes albopictus

bright lateral line on thorax

Aedes aegypti and *Aedes albopictus* Mosquitoes in California Detection Sites by County/City

Updated December 7, 2018



● *Aedes aegypti*
● *Aedes albopictus*

Counties with

Aedes aegypti only:

Fresno, Imperial, Kings,
Madera, Riverside, Merced,
Tulare

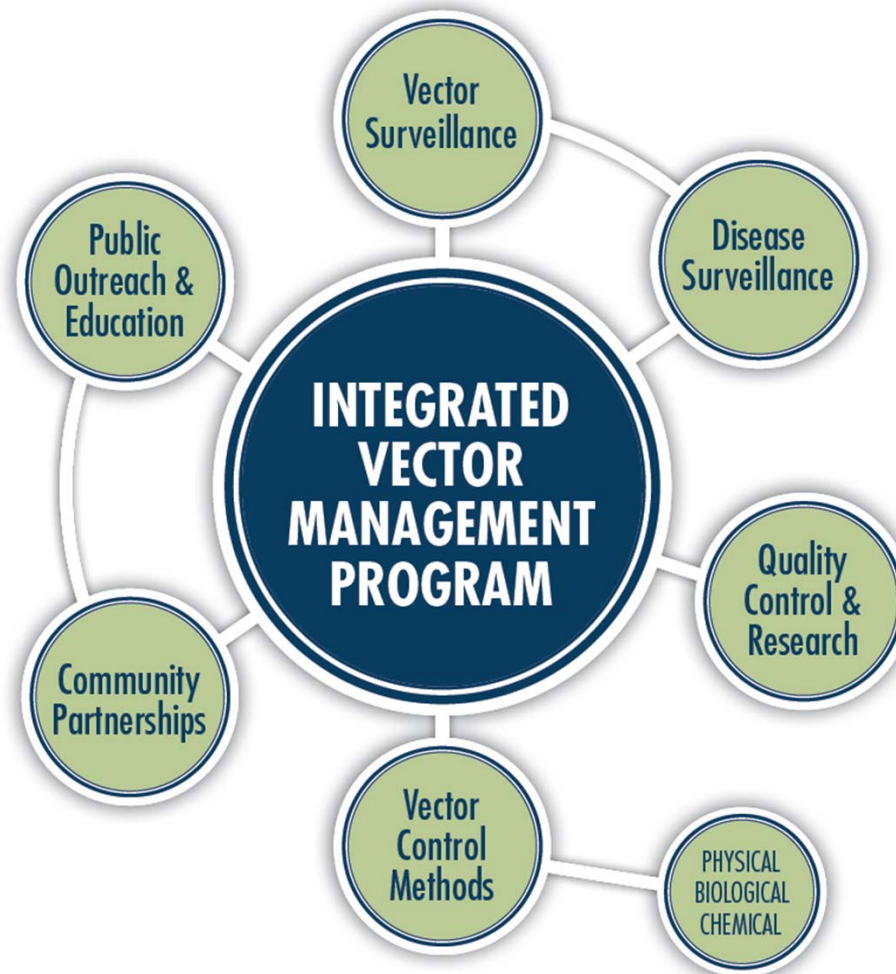
Both *Aedes aegypti* and
Aedes albopictus:

Kern, Los Angeles, Orange,
San Bernardino, San Diego

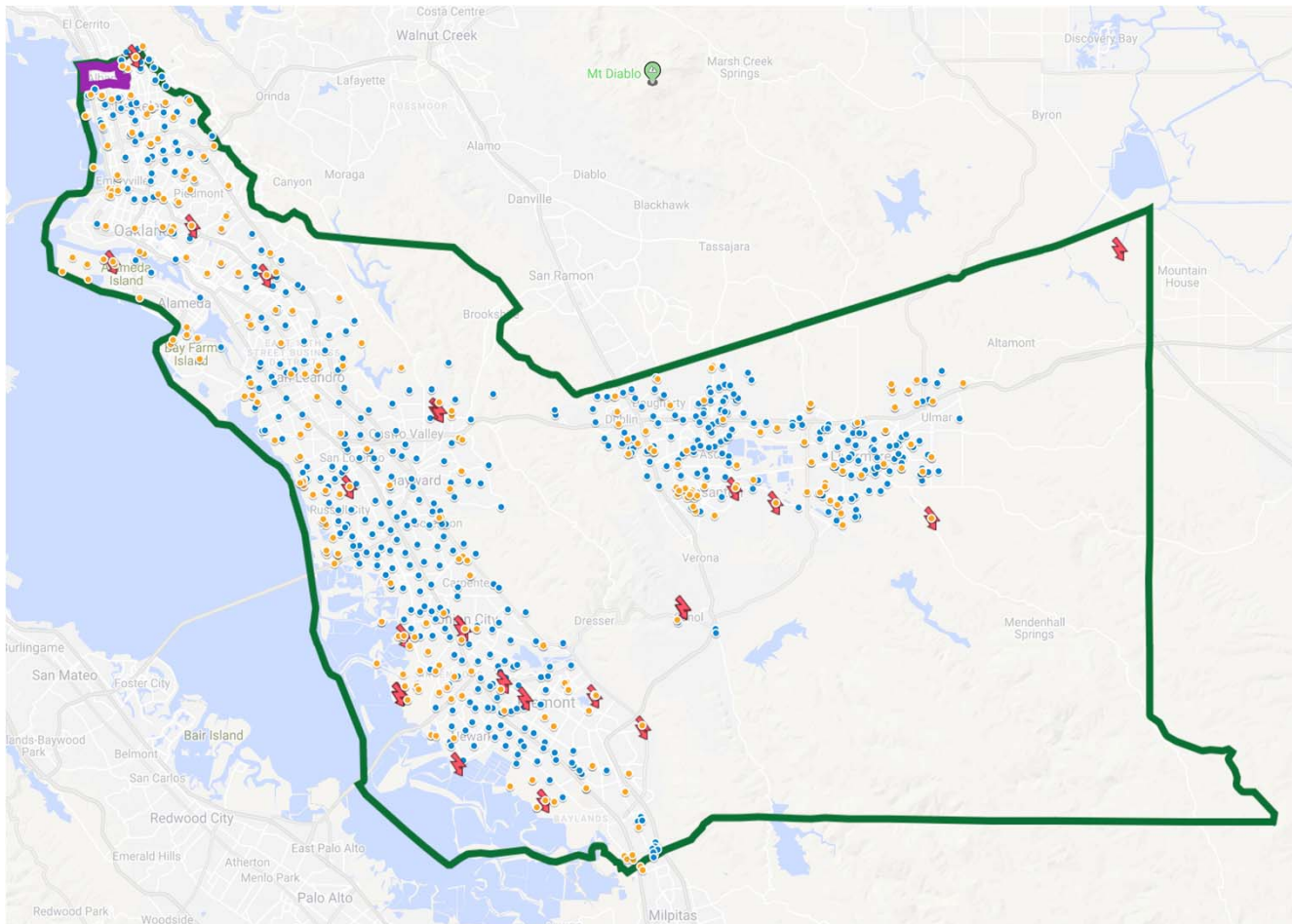
See pages 2 and 3 for *Aedes*
detections by city or census-
designated place in each
county.



Controlling Mosquitoes



Our Service Area and Monitoring Sites



— County boundary

— Outside of service area

↗ Light traps
(n = 22)

● Native mosquito traps
(n = 180)

● Invasive *Aedes* traps
(n = 710)

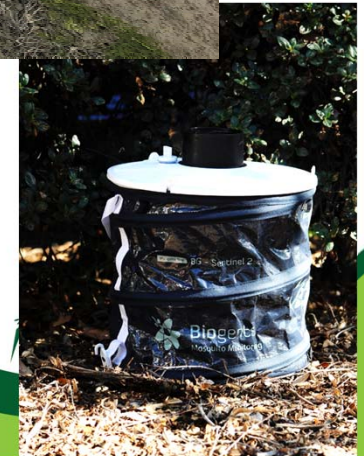
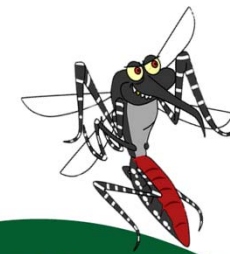


Monitoring Approach

Looking for larvae & eggs



Adult monitoring with traps



ITEM 6 – WS 19-006

**CONSIDER A MORATORIUM ON CERTAIN
BUSINESSES INCLUDING MASSAGE PARLORS,
ALCOHOL-ONLY ESTABLISHMENTS, TOBACCO
OR VAPING RETAIL, CHECK CASHING, AND
FAST FOOD (REPORT FROM DEVELOPMENT
SERVICES DIRECTOR SIMPSON)**

Work Session to Consider a Potential Moratorium

Sara Buizer, AICP
Planning Manager
January 29, 2019

Moratorium: Potential Uses

- ▶ Massage Establishments
- ▶ Tobacco and Vaping Retail
- ▶ Check Cashing and Payday Loan
- ▶ Fast Food
- ▶ Alcohol-only Establishments

Massage Establishments

- ▶ Regulations updated in 2015
- ▶ Allowed in a number of zoning districts with AUP or CUP
- ▶ Businesses require a Massage Permit (exceptions include physicians, chiropractors, etc.)
- ▶ 18 known establishments in City
- ▶ No revocations since 2016



Tobacco Establishments

- ▶ Regulations were adopted in 2014
- ▶ Only permitted in the General Commercial (CG) zone with a CUP
- ▶ All establishments require a Tobacco Retailers License (TRL)
- ▶ Not allowed within 500 feet of schools, parks, other sensitive receptors
- ▶ 113 known establishments, 85% in existence prior to 2014



Check Cashing and Payday Loan

- ▶ Allowed in a number of zoning districts with AUP or CUP
- ▶ Payday loan facilities not allowed in Downtown
- ▶ Check cashing as incidental service does not require an AUP or CUP (Chavez Market, Food Maxx, etc.)
- ▶ 5 licensed check cashing businesses; no licensed payday loan facilities



Fast Food Restaurants & Drive-Thru Establishments



- ▶ Drive-thru typically associated with fast food
- ▶ Drive-thru establishments allowed in many zoning districts subject to AUP or CUP
- ▶ Require ½ mile separation
- ▶ 2018 text amendment allowed flexibility to reduce ½ mile standard along I-880 and SR-92 corridors
- ▶ 23 existing establishments

Alcohol-only Establishments

- ▶ Regulations adopted in 2013
- ▶ Allowed in many zoning district with an AUP or CUP
- ▶ Exceptions include large format retail stores; full-service restaurants, special event functions
- ▶ Established performance standards



Quantity of License Types

Quantity	License Type	License Description
31	20	(Package Store) Authorizes the sale of beer and wine for consumption off the premises where sold. Minors are allowed on the premises.
49	21	(Package Store) Authorizes the sale of beer, wine and distilled spirits for consumption off the premises where sold. Minors are allowed on the premises.
4	40	(Bar, Tavern) Authorizes the sale of beer for consumption on or off the premises where sold. No wine or distilled spirits may be on the premises. Full meals are not required; however, sandwiches or snacks must be available. Minors are allowed on the premises
79	41	(Restaurant) Authorizes the sale of beer and wine for consumption on or off the premises where sold. Distilled spirits may not be on the premises (except brandy, rum, or liqueurs for use solely for cooking purposes). Must operate and maintain the licensed premises as a bona fide eating place. Must maintain suitable kitchen facilities and must make actual and substantial sales of meals for consumption on the premises. Minors are allowed on the premises.
2	42	(Bar, Tavern) Authorizes the sale of beer and wine for consumption on or off the premises where sold. No distilled spirits may be on the premises. Minors are not allowed to enter and remain (see Section 25663.5 for exception, musicians). Food service is not required.
29	47	(Restaurant) Authorizes the sale of beer, wine and distilled spirits for consumption on the licensed premises. Authorizes the sale of beer and wine for consumption off the licensed premises. Must operate and maintain the licensed premises as a bona fide eating place. Must maintain suitable kitchen facilities and must make actual and substantial sales of meals for consumption on the premises. Minors are allowed on the premises.
10	48	(Bar, Night Club) Authorizes the sale of beer, wine and distilled spirits for consumption on the premises where sold. Authorizes the sale of beer and wine for consumption off the premises where sold. Minors are not allowed to enter and remain (see Section 25663.5 for exception, musicians). Food service is not required.

Moratorium Requirements

- ▶ Gov't Code Section 65858 - Council may adopt an Interim Urgency Ordinance establishing a temporary moratorium for specific uses by making specific legislative findings that there is a current and immediate threat to the public health safety or welfare.
- ▶ Ordinance adoption requires a super majority vote of Council

Staff Recommendation

- ▶ No moratorium established - existing land use regulations are sufficient to evaluate potential impacts to public health, safety, and general welfare.
 - ▶ CEDC review of these types of uses
 - ▶ Research Predatory Lending practices policy
 - ▶ Update the Alcohol Beverage Outlet regulations

Feedback Requested



What uses should be part of the Urgency Ordinance?



If alcohol establishments are included, what types?



Clarify geographic boundaries of moratorium, downtown or city-wide?