

AB 617 COMMUNITY STEERING COMMITTEE

WILMINGTON, CARSON, WEST LONG BEACH

MAY 19, 2022

2:00 – 4:00 PM

[ZOOM MEETING LINK](#)



AGENDA



- CSC Member Updates
- Outreach Update
- Oil and Gas Implementation Update
- Community Emissions Reduction Plan (CERP) Implementation Update
 - Compliance & Enforcement
 - CARB – No Idling Signs
- Agenda Items for Next Meeting
- Public Comment

AB 617 WCWLB

CSC Member Updates



AB 617 WCWLB

Outreach Updates

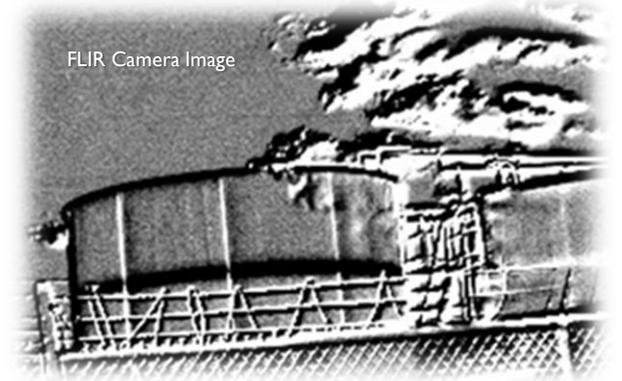
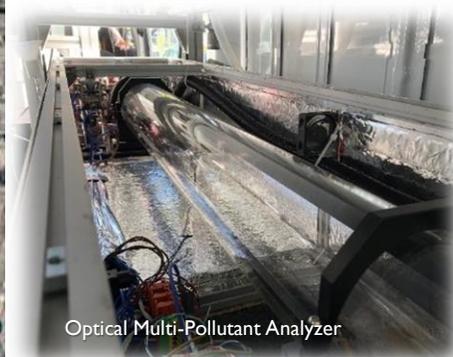
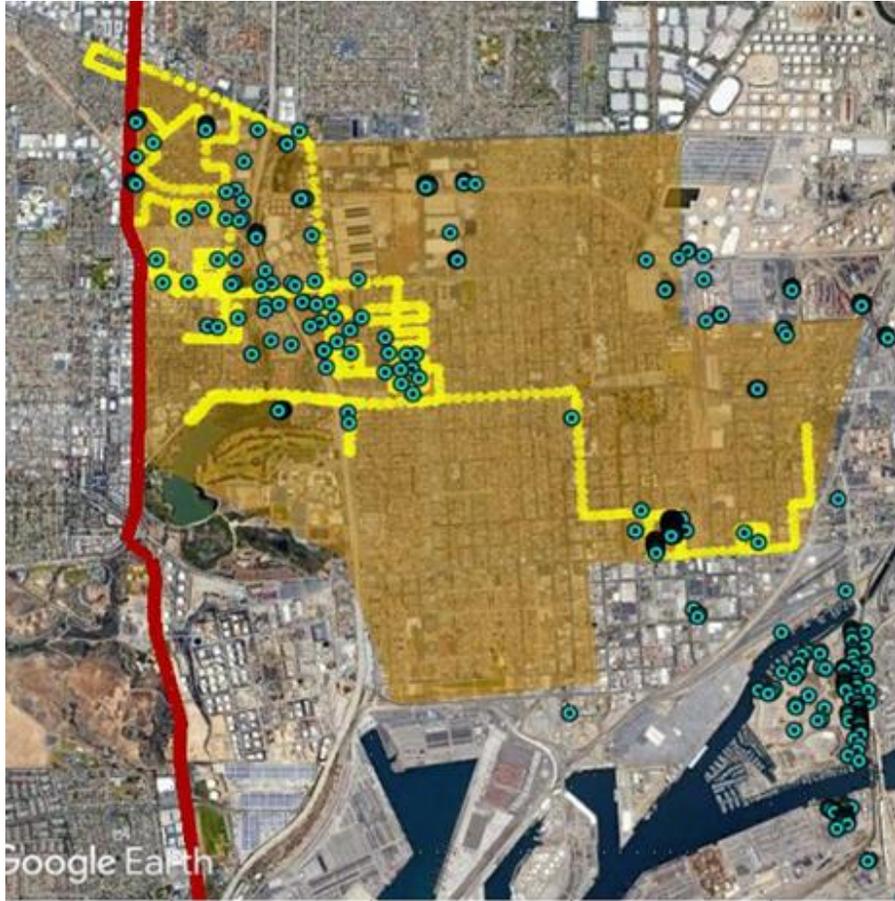


Wilmington Resource Fair



Saturday, April 9, 2022
East Wilmington
Greenbelt Park

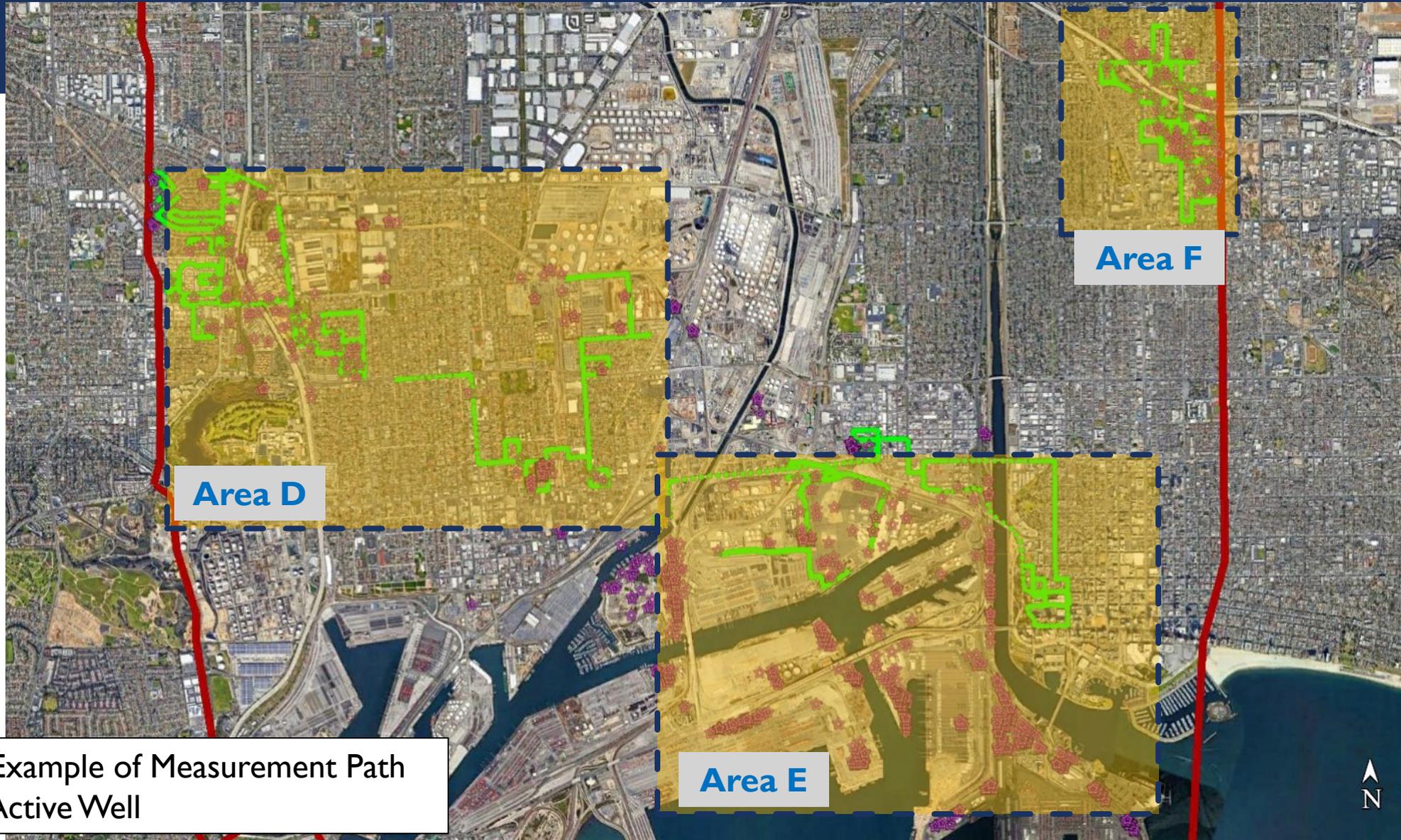




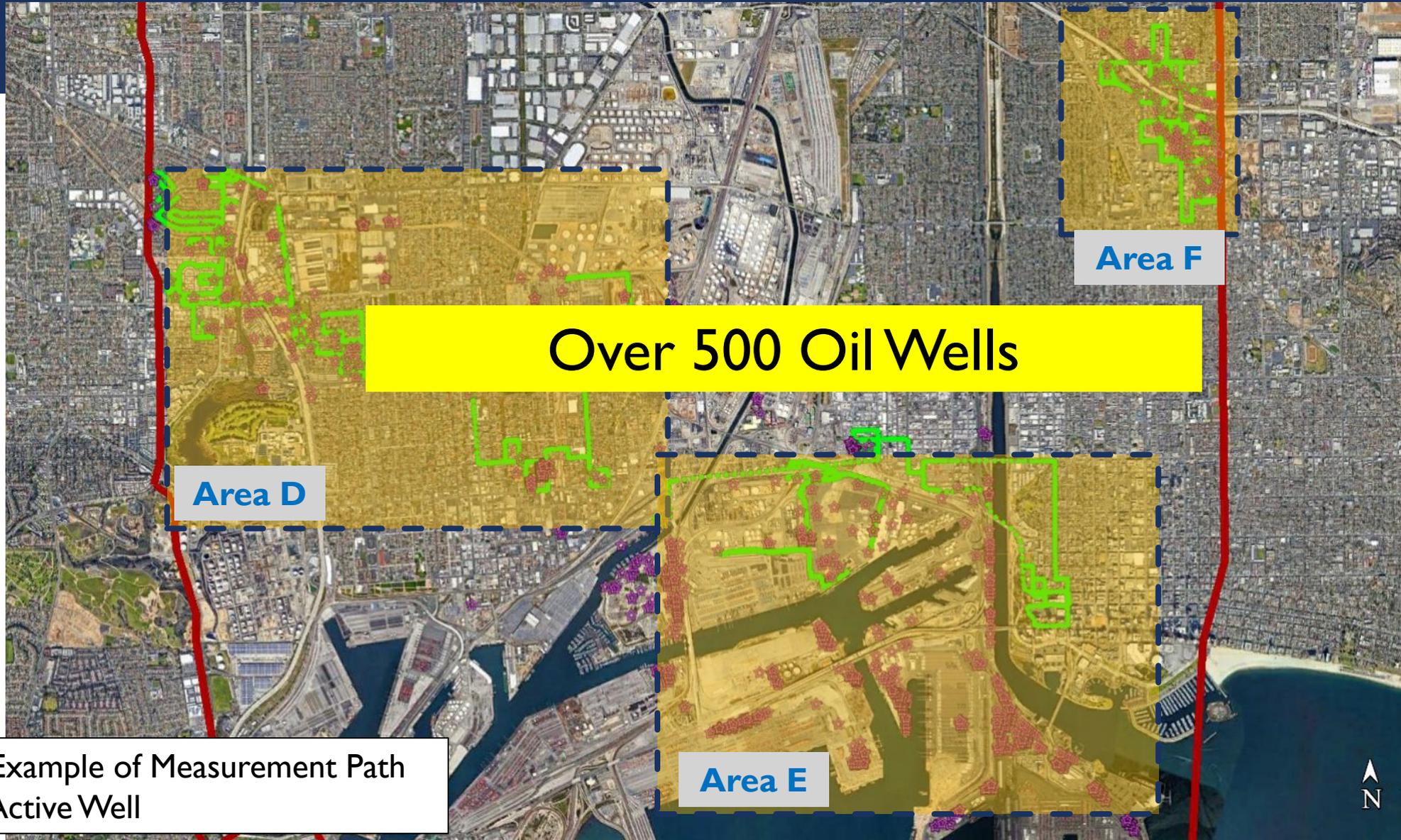
OIL AND GAS IMPLEMENTATION UPDATE

OLGA PIKELNAYA and PAVAN RAMI

LOCATIONS OF OIL WELLS IN THE COMMUNITY



LOCATIONS OF OIL WELLS IN THE COMMUNITY



SUMMARY OF OVER 2 YEARS OF MEASUREMENTS NEAR OIL WELLS

Area D

- ~ 300 active oil wells
- 2 locations with elevated VOC concentrations
- 1 location with persistent elevated VOCs*

Area E

- ~ 160 active oil wells
- 1 location with elevated VOC concentrations#
- 0 locations with persistent elevated VOCs*

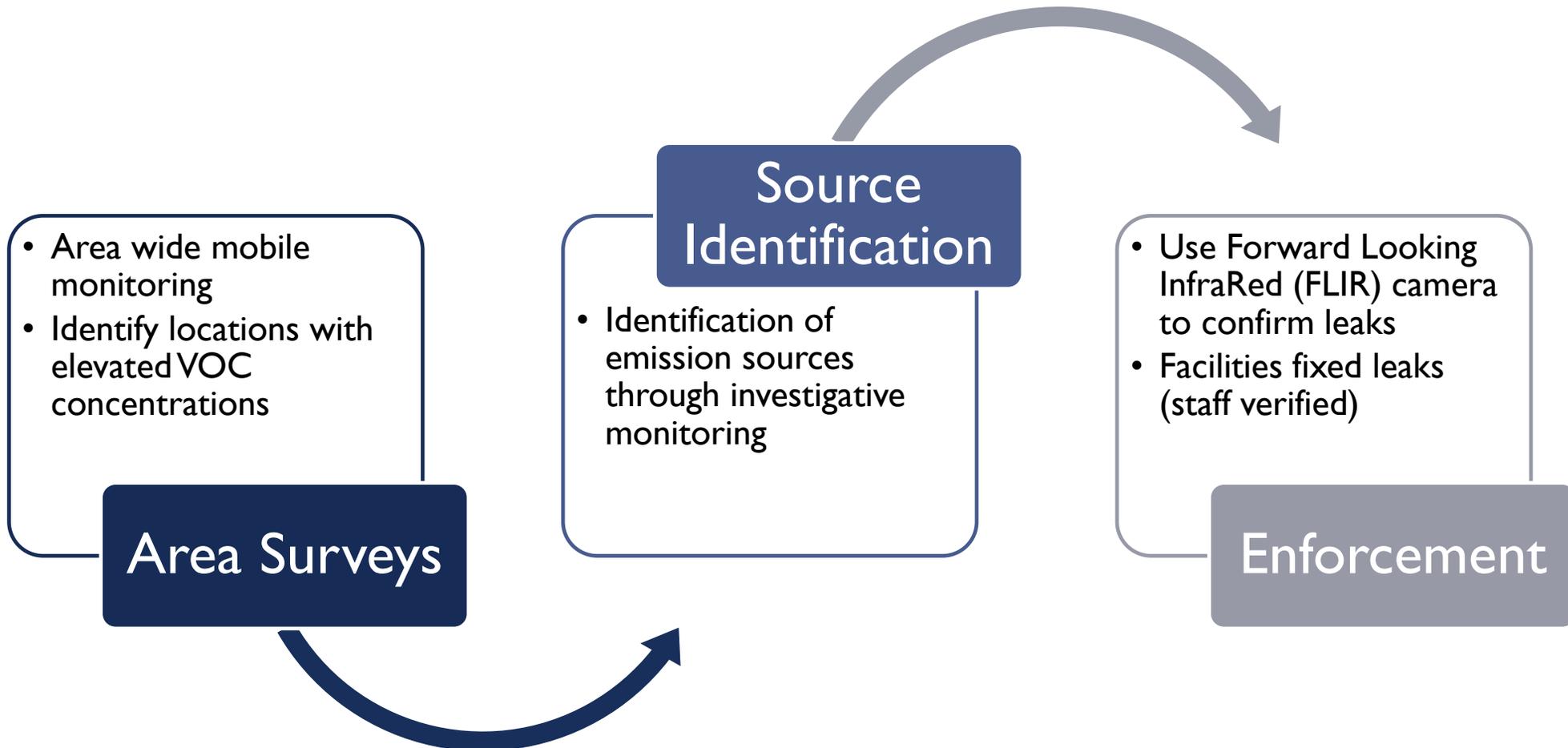
Area F

- ~ 75 active oil wells
- 3 locations with elevated VOC concentrations
- 3 locations with persistent elevated VOCs*

*Emissions from different components and/or other sources may have been responsible for elevated levels of VOCs measured during different measurement days

#Area E was at an industrial location, far from the community

AIR MONITORING ACTIVITIES NEAR OIL WELLS

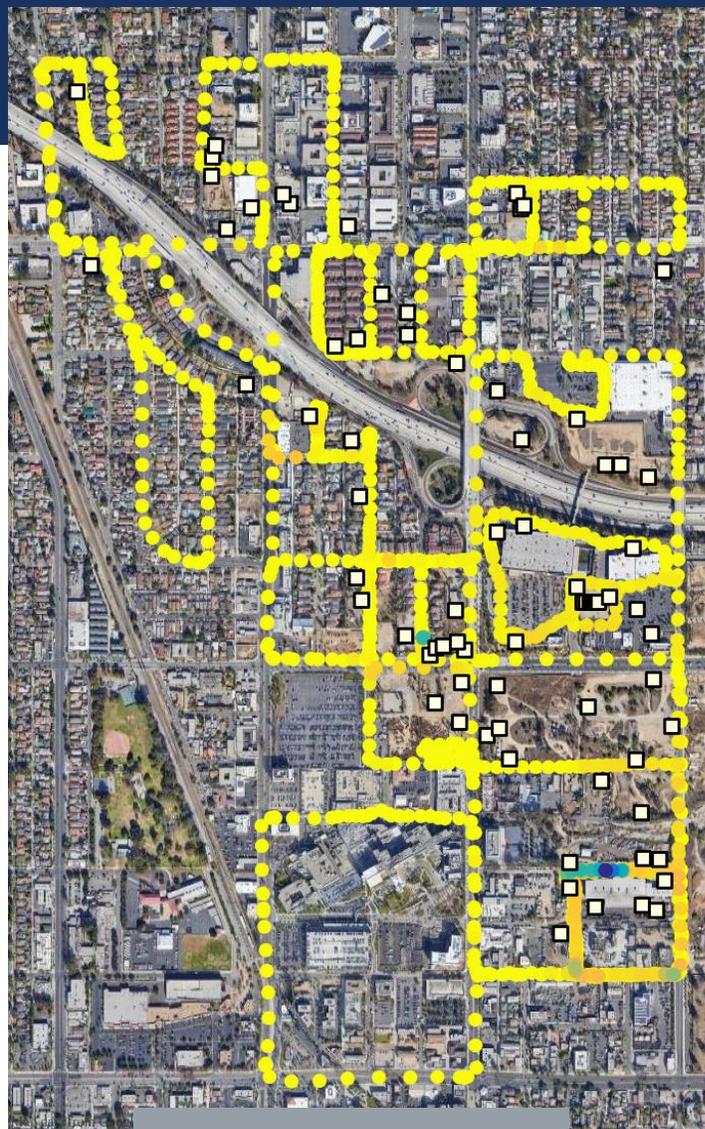


MOBILE MEASUREMENTS NEAR OIL WELLS

MARCH - MAY 2022

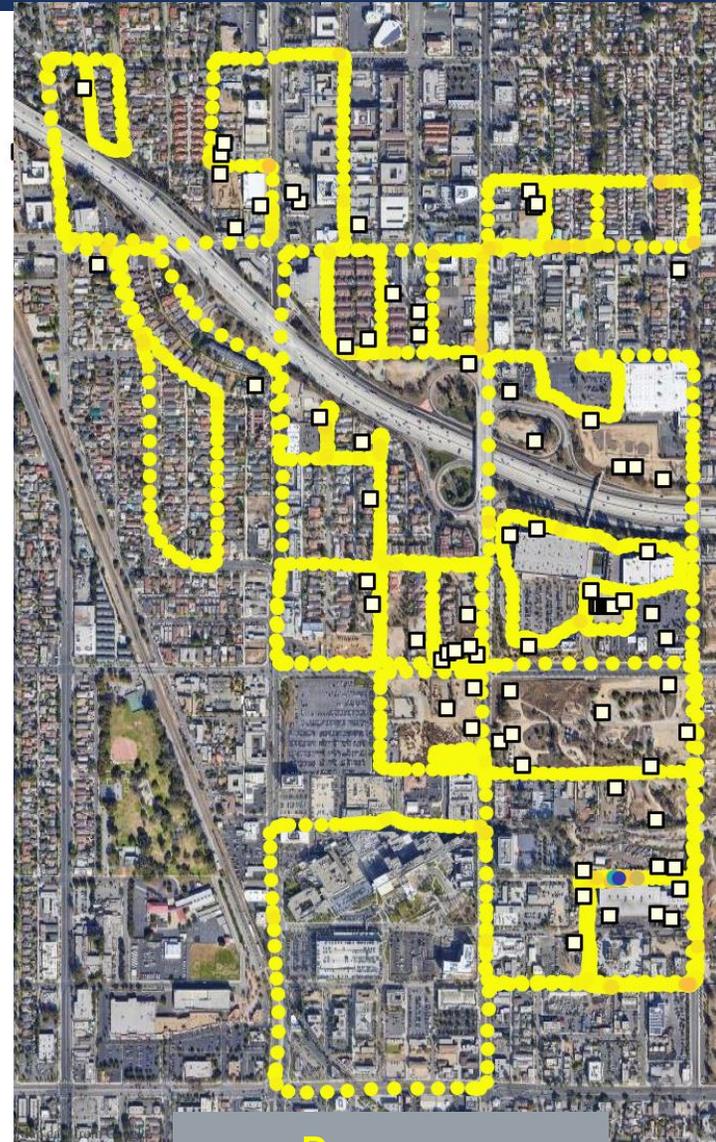
Dates	Surveyed Area
March 9 th , 2022	Area F ✓ Complete area survey ✓ Emphasis on locations where elevated VOCs were measured in the past ✓ Measurements around nearby hospital
April 29 th , 2022	Area F ✓ Follow-up measurements near locations where elevated VOCs were measured in the past Area D ✓ Partial area survey
May 3 rd , 2022	Area D ✓ Complete area survey ✓ Measurements in the community adjacent to location with elevated VOCs

AREA F MARCH 9, 2022



Total Alkanes

□ Oil Wells



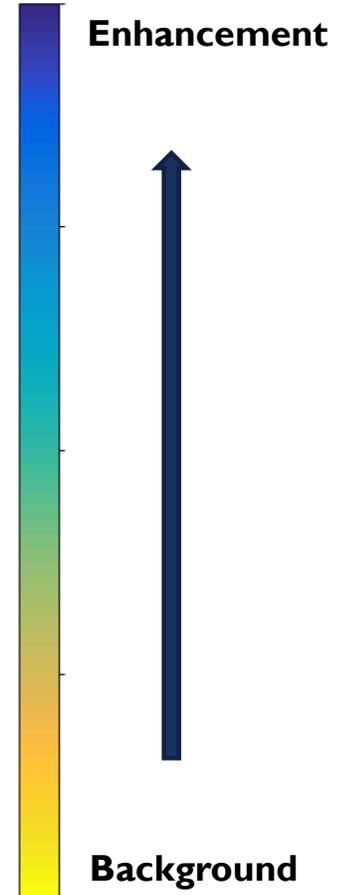
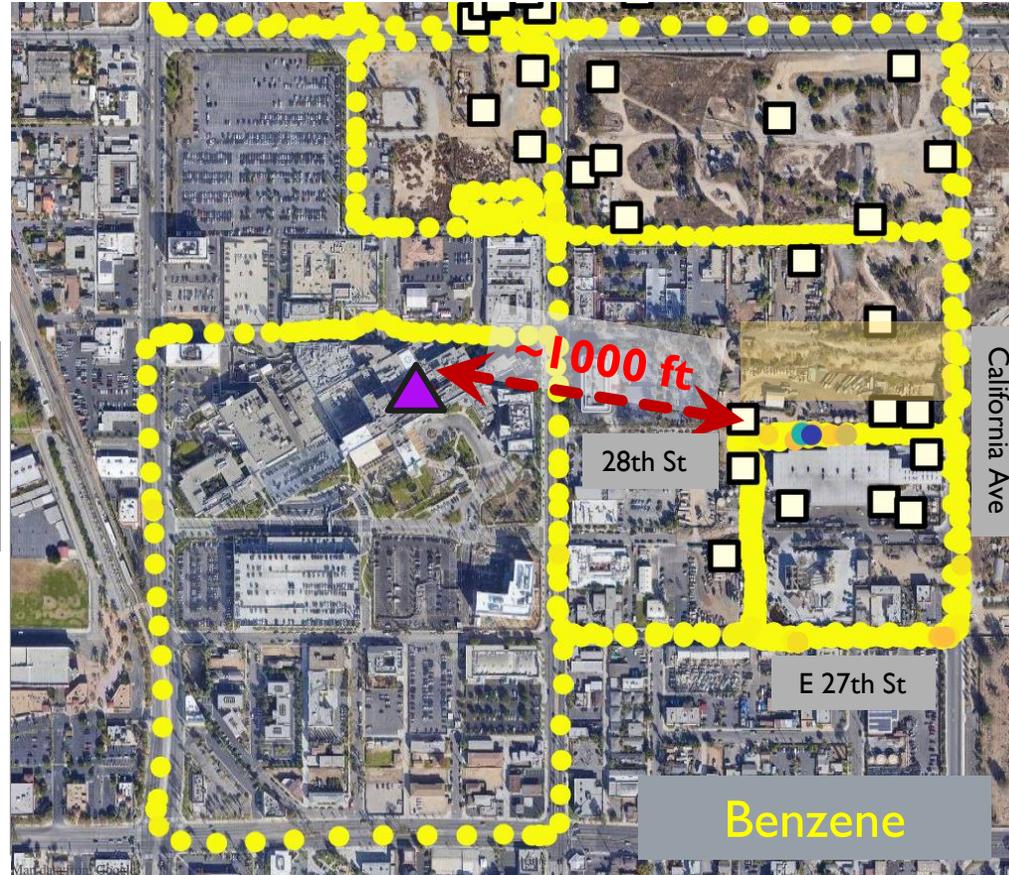
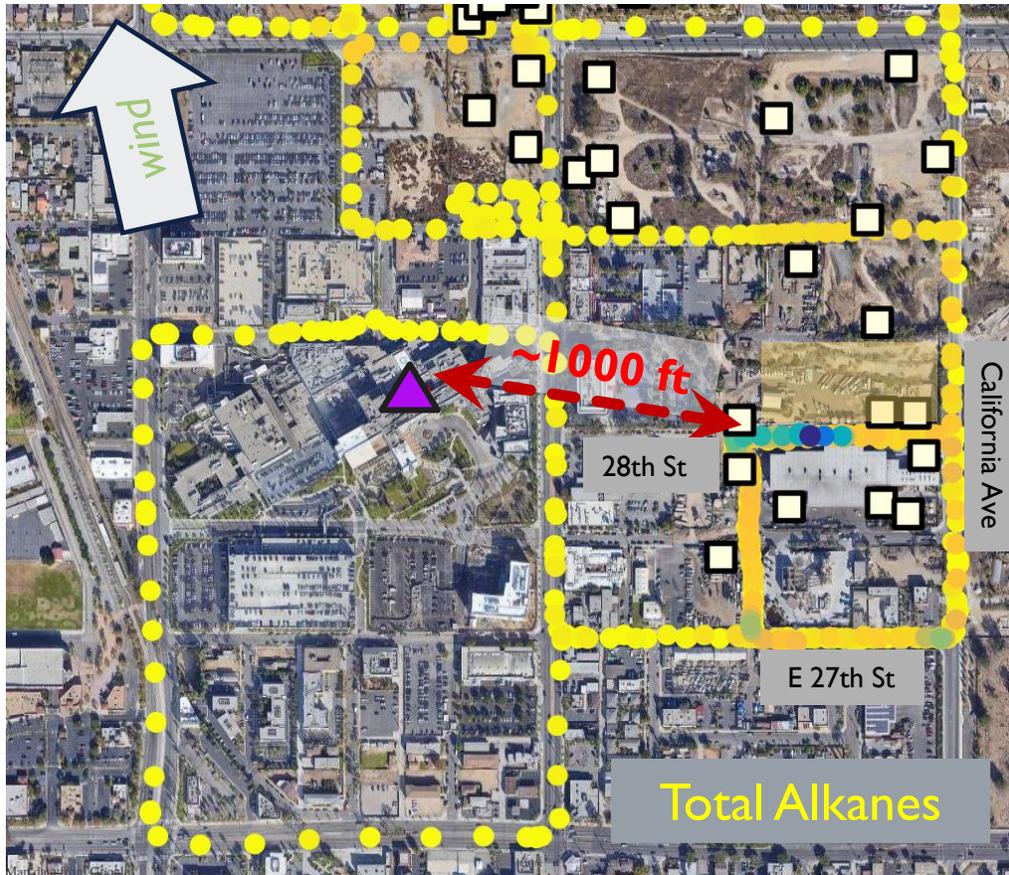
Benzene

Enhancement

Background

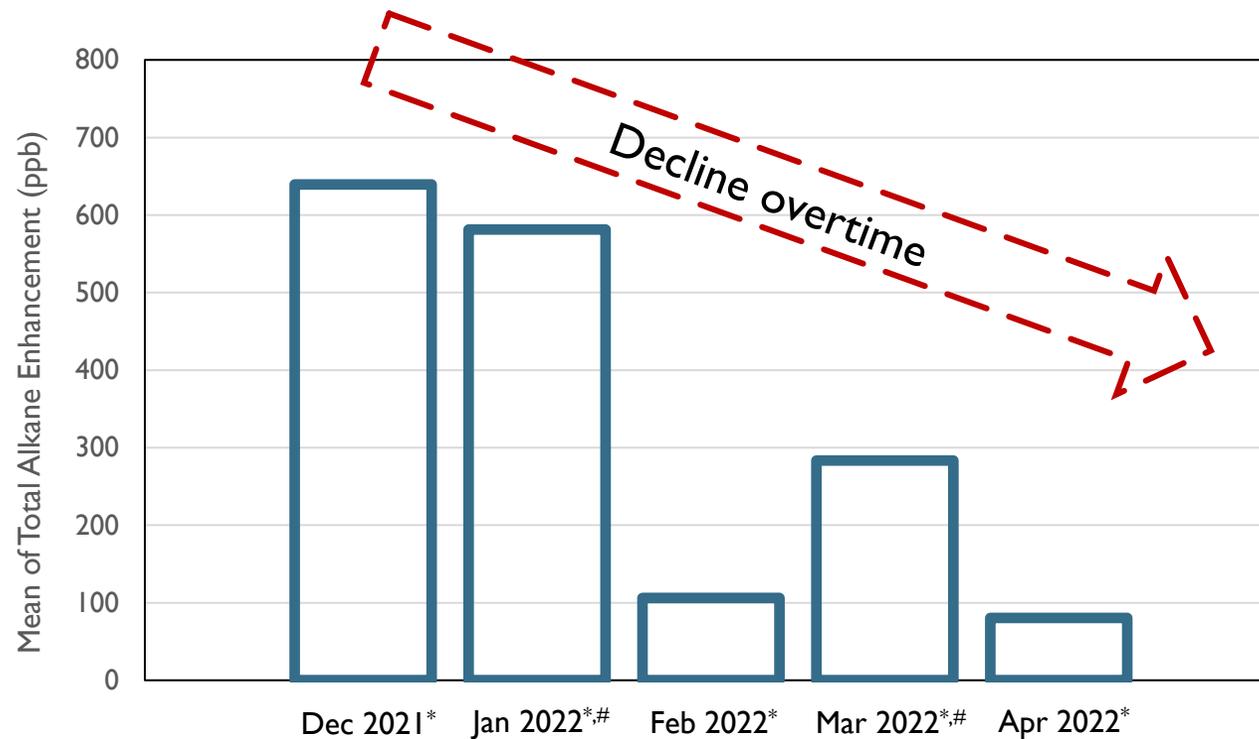
ASSESSMENT OF COMMUNITY IMPACT AREA F

□ Oil Wells ▲ Hospital



TRACKING PERSISTENT ELEVATED CONCENTRATIONS OVERTIME

28TH AND OLIVE



Mean concentration near the facility

*Mean concentrations calculated based on at least 300 individual instantaneous measurements near the facility

#Emissions detected in January and March 2022 were due to routine maintenance activities at the site

AREA D MAY 3, 2022

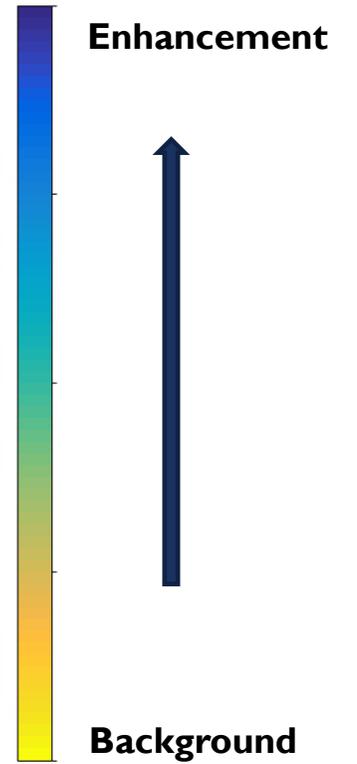


Total Alkanes

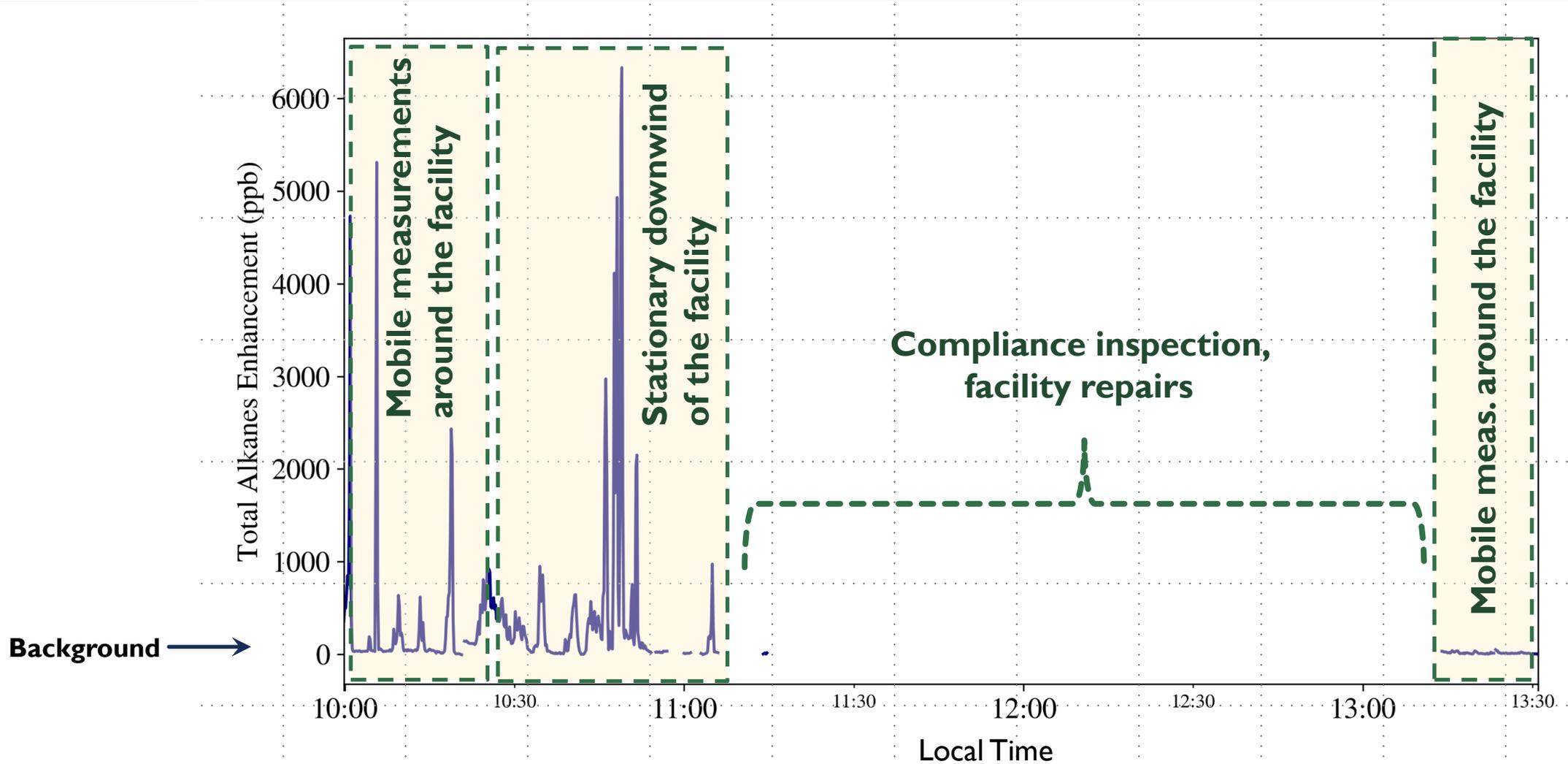
□ Oil Wells



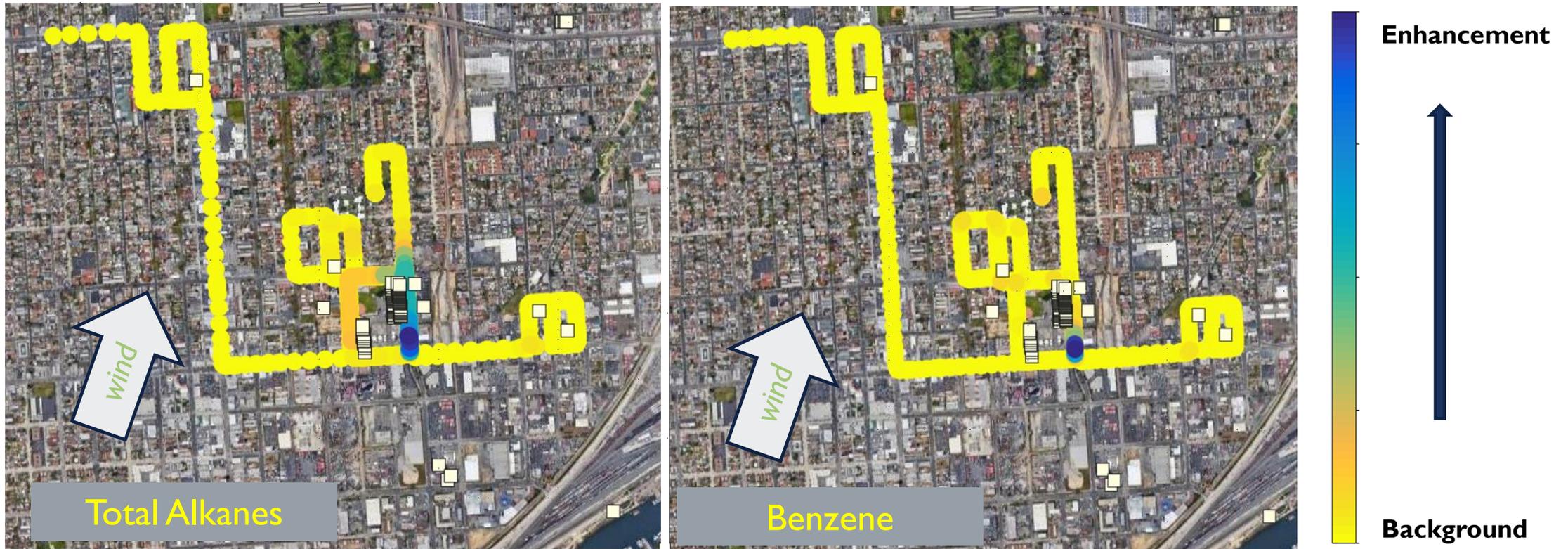
Benzene



AREA D - MAY 3, 2022



ASSESSMENT OF COMMUNITY IMPACT AREA D



□ Oil Wells

May 3, 2022 ~10:00am – ~2:00pm

INSPECTION TYPES

Two Types of Inspections

■ Staff-Initiated

- Unannounced Facility Inspections
- Focused Inspections based on Rule or Process
- CERP commitments (e.g., inspections initiated by Monitoring efforts)

■ Response-Based

- Public complaints
- Notifications from the facility
- Referrals from government agencies



Statistics included in this enforcement update focus on staff-initiated inspections

OIL AND GAS IMPLEMENTATION



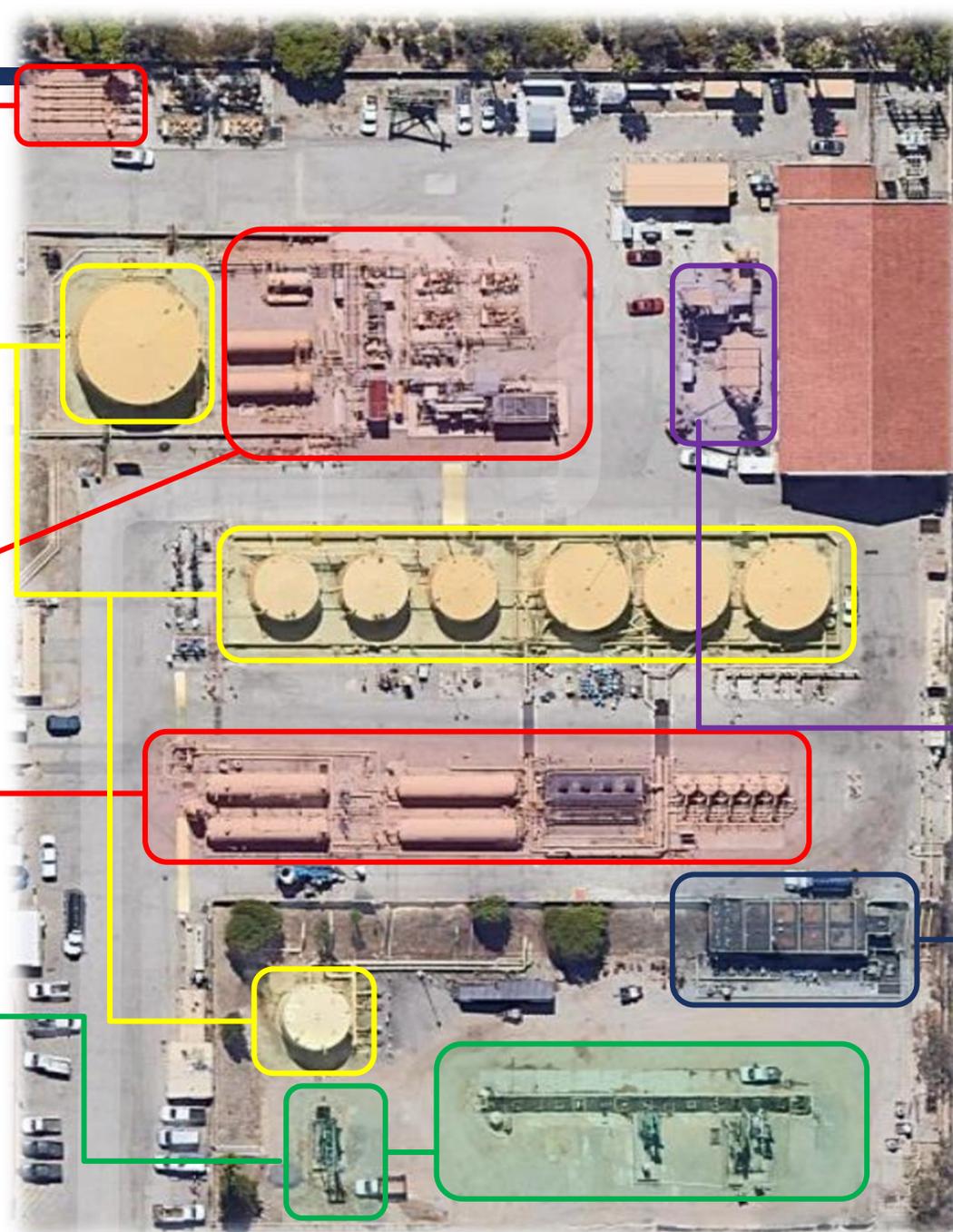
CERP commitment: If persistent elevated levels are detected at locations through air measurement activities, conduct follow-up investigations at those locations using appropriate field measurement equipment

- As a result of Mobile Monitoring efforts, Inspectors followed-up at 36 facilities
- The CSC was updated on those findings in October 2019, May and November 2021, and February 2022.

**Rule 463/1178 –
Organic Liquid
Storage**

**Rule 1173 – Control of
VOC Leaks & Releases
from Components at
Petroleum Facilities**

**Rule 1148.1 - Oil
and Gas Production
Wells**



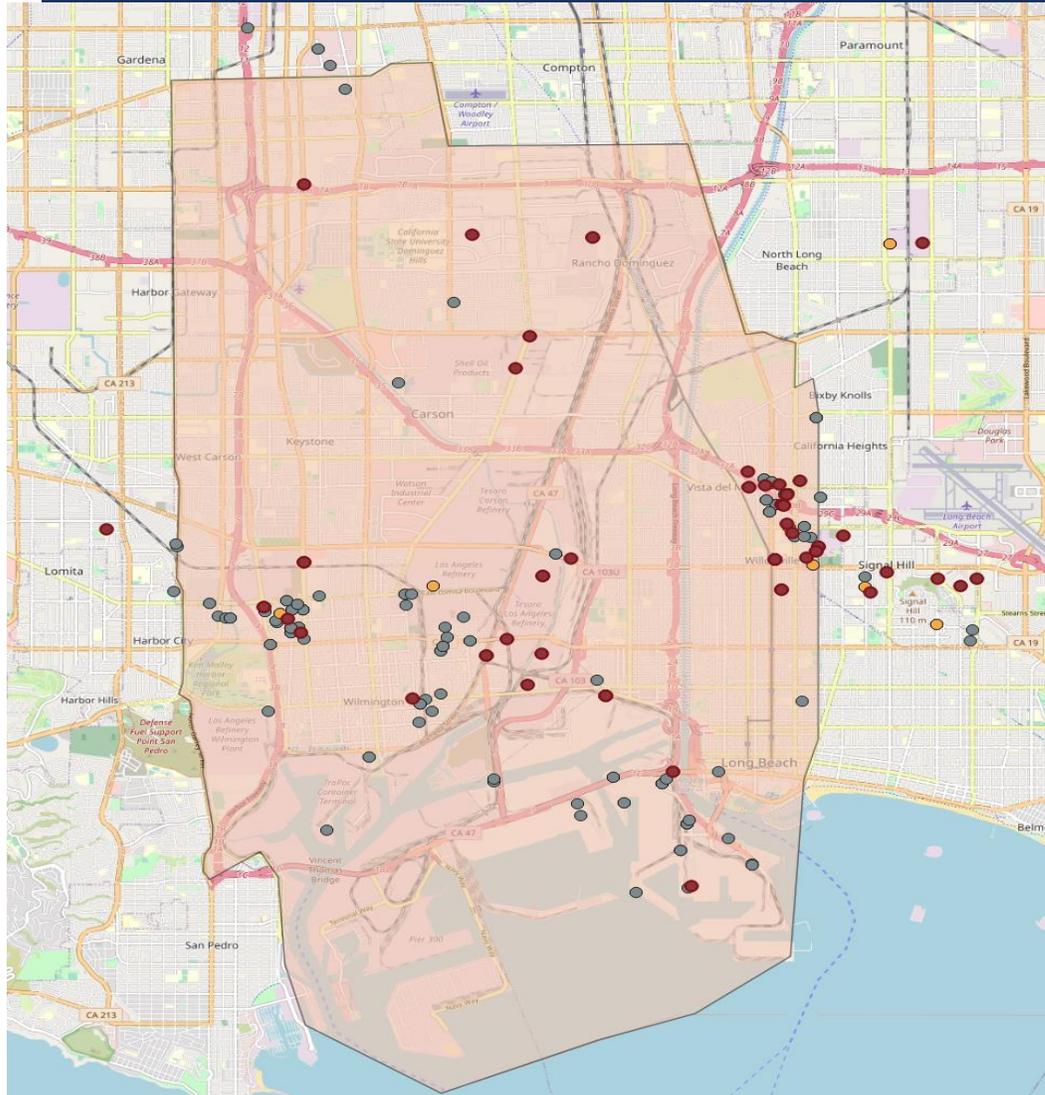
**Rule 1176 - VOC
Emissions from
Wastewater Systems**

**Rule 1148.2 – Notification
and Reporting Requirements
for Oil & Gas Wells**

**Rule 1118.1 – Control of
Emissions from Non-
Refinery Flares**

**Rules
203/2004/3002 –
Permit Conditions**

OIL AND GAS IMPLEMENTATION (CON'T)



- Since July 2019, inspectors have conducted over 265 staff-initiated inspections within WCWL at crude oil and oil terminal facilities
- Approximately 60 of which resulted in enforcement actions

- NOV
- NC
- No Violations Observed

LEAK DETECTION AND REPAIR (LDAR)



Detection

Possible ways to observe an emission leak at an oil & gas production facility

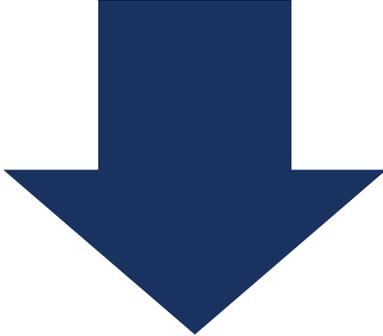
Olfactory
(e.g., rotten egg, gaseous odors)

Optical Gas Imaging Cameras

Liquid Leaks

Handheld Hydrocarbon Monitors

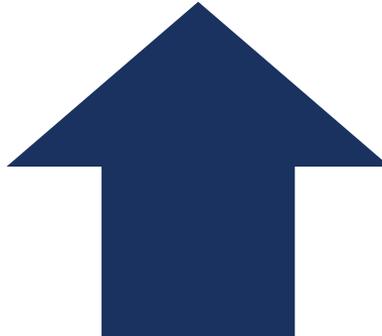
Repair



If facility detects a leak, Rule 1173 sets repair period based on leak size



If our inspectors detect a leak, NOV or NC will be issued based on leak size, with applicable repair period





QUESTIONS?

DISCUSSION

- Comments, Suggestions, Questions

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CERP IMPLEMENTATION

ASSEMBLY BILL (AB) 617
COMMUNITY AIR INITIATIVES

COMMUNITY EMISSIONS REDUCTION PLAN

WILMINGTON, CARSON,
WEST LONG BEACH

SEPTEMBER 2019
FINAL



SOUTH COAST
AIR QUALITY MANAGEMENT DISTRICT



OFFICE OF COMPLIANCE & ENFORCEMENT



WCWLB UPDATE

PAVAN RAMI

Staff Specialist

IDLING RESTRICTIONS

1. Without a “Certified Clean Idle” sticker, no idling anywhere for over five minutes.
2. Even with a “Certified Clean Idle” sticker, special prohibition on idling within 100 feet of schools, residences, hotels, or other restricted areas for more than five minutes.
3. Diesel-fueled auxiliary power systems (APS) also may not be operated for over five minutes within 100 feet of any restricted area.



THE QUEUEING EXCEPTION

- “Queueing” refers to waiting to perform work in a line of vehicles that is repeatedly starting and stopping, when shutting off the vehicles’ engines is not possible.
- Does not include waiting in line before the start of a workday or the opening of a work location.
- Queueing vehicles must at all times be beyond 100 feet from any restricted area for this exception to apply.



IDLING TRUCK IMPLEMENTATION



CERP Commitment: Conduct, at minimum, quarterly idling sweeps and focused inspections for one calendar year, to be evaluated thereafter with community input.

IDLING TRUCK IMPLEMENTATION (CON'T)

Date	Location	# of trucks or buses observed	# of idling truck stickers observed	NOVs issued
7/26/2019	East of Neptune Ave. / West of Eubank Ave. / South of W. E St. / North of Water St.	100	0	2
9/26/2019	500 W. C St. to 300 E. C St.	75	2	0
1/28/2020	Harry Bridges Blvd / Del Amo Blvd. / S. Alameda	59	40	0
2/4/2020	Drumm Ave. / PCH	0	0	0
4/30/2020	PCH / Santa Fe / E. St. / Avalon	85	65	5
7/16/2020	West Long Beach (Santa Fe Ave. Corridor)	43	21	0
9/2/2020	Lineage Logistics	0	0	0
10/20/2020	West Long Beach (Santa Fe Ave.) / PCH / Lineage Logistics	65	32	0
2/3/2021	Wilmington / West Long Beach	104	78	0
4/30/2021	PCH from Santa Fe Ave. to Eubanks Ave.	74	45	3
7/28/2021	West Long Beach	-	62	0
12/28/2021	Carson St. / Wilmington Ave / ACX Pacific / G St. in San Pedro	40	18	0
1/26/2022	E. Q St. / Drumm Ave. / ACX Pacific / Carson St / Wilmington Ave	42	37	0
4/20/2022	Mahar Ave. / G St. / F St. / Q St. / Wilmington Ave.	37	29	0



No Idling Signs in Your Community CERP Implementation Update

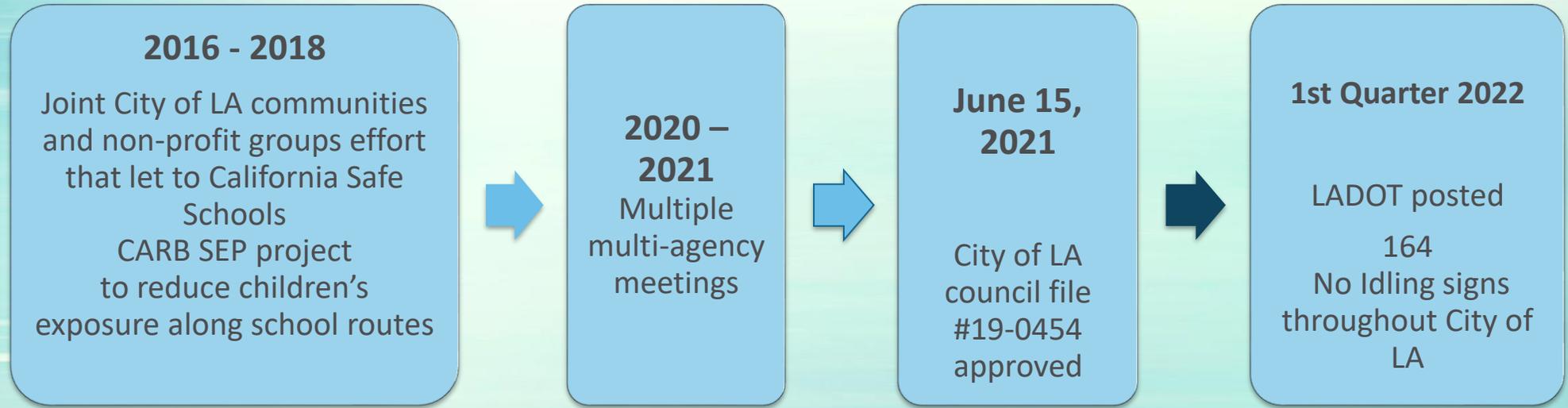
Wilmington – Carson – West Long Beach

Crystal Reul-Chen (crystal.reul-chen@arb.ca.gov), Community Enforcement Liaison

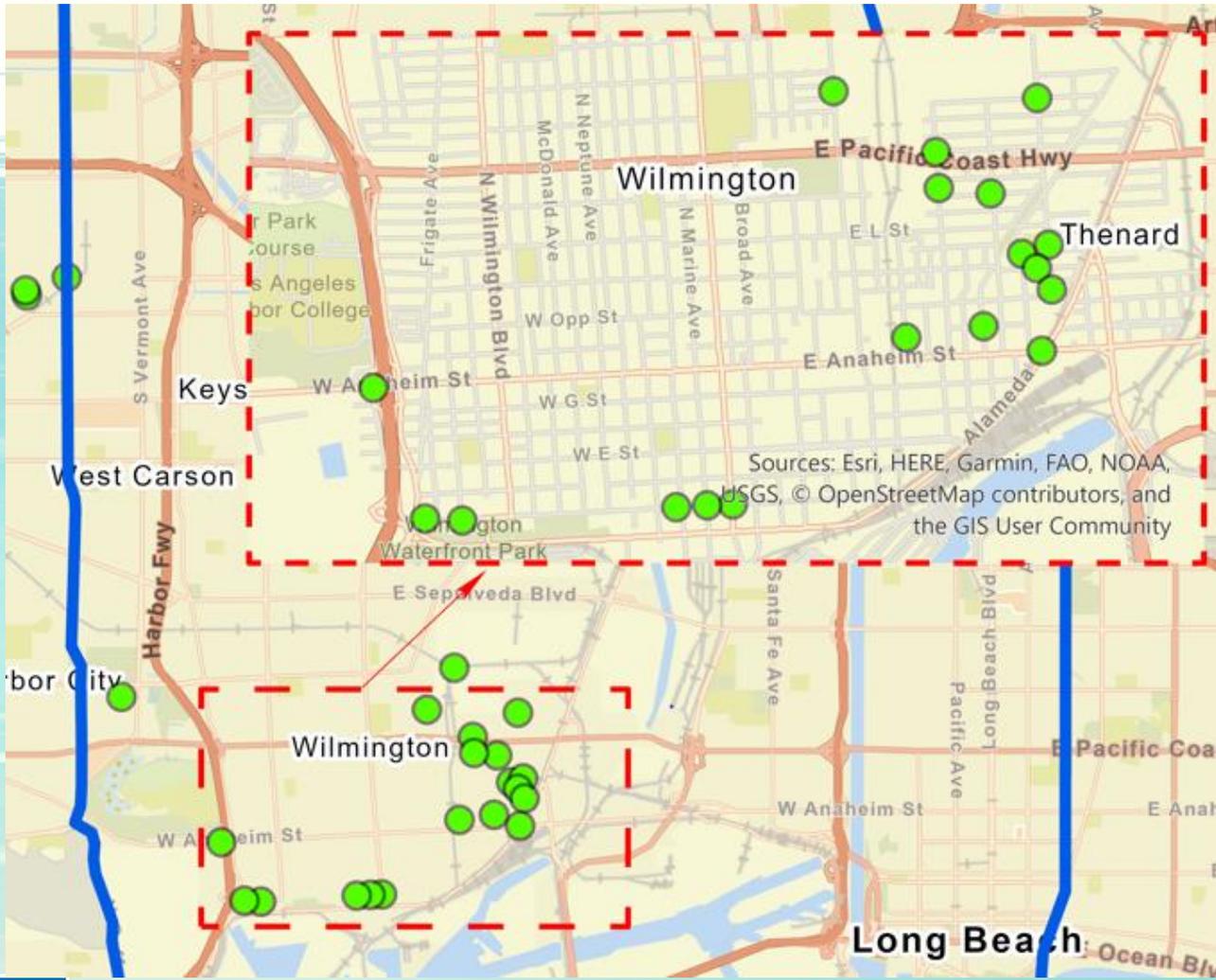
May 19, 2022

CERP No Idling Sign Commitment in City of LA

Chapter 5-d Action 1: Establish “No Idling” truck signage with locations prioritized by the CSC



106 “No Idling” Signs Posted in Wilmington Area!



10 signs at California Safe Schools ID'd locations

39 signs at CSC ID'd locations:

- * Anaheim St. & Alameda at train crossing
- * 800 block McFarland St. at E. I St.
- * Proctor St. at Dolores St.
- * 1500 block of Grant St., 1000 block of Blinn Av., & 1400 block of Opp St.
- * E. Lomita Blvd. (800, 1300, 1500, 1600 blocks)
- * Sanford Ave. between O St. & PCH (2 blocks)
- * 300 block S. Figueroa St.
- * E. Sandison St. between Sanford & Drumm Av.
- * Figueroa Pl. at W. Anaheim St.

57 additional locations ID'd by LA City



QUESTIONS?

NEXT STEPS

Future Announcements

- Newsletters or emails
- Continue CERP implementation

Future Meeting

- Tentatively August 25, 2022 (virtual)
- AQ Priority Updates & Agenda Topics
 - What would you like to hear about?

Public Comment



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