

# USS Bonhomme Richard Fire One Year Later



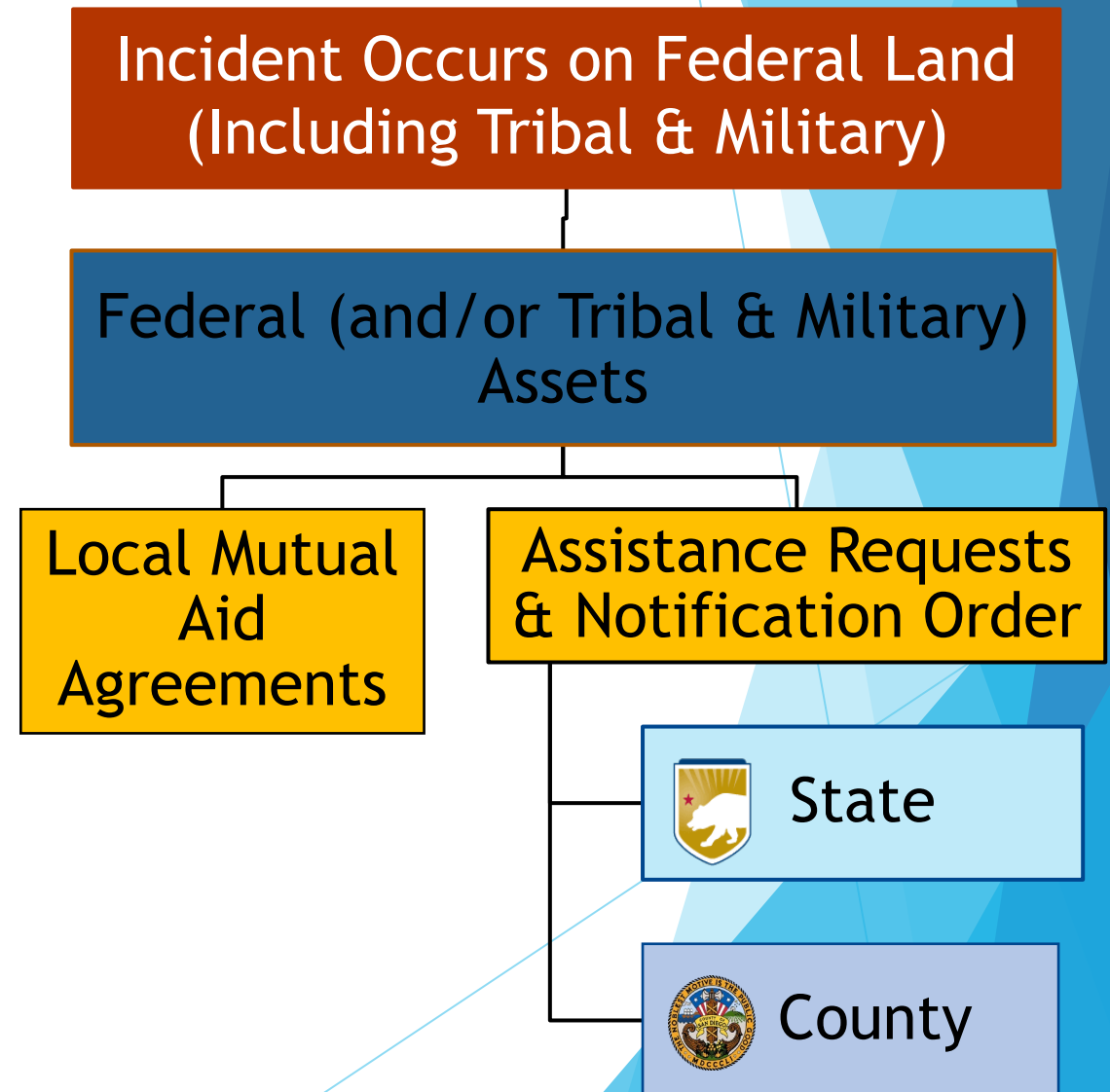
# What We Will Cover Today

- ▶ Incident Response Command Structure
- ▶ Timeline of APCD's Response
- ▶ Air Monitoring Locations
- ▶ Community/Partner Outreach
- ▶ Lessons Learned
- ▶ Next Steps



# Incident Response Command Structure

- ▶ Support the Unified Command
  - ▶ Conduct supplemental air monitoring outside of the hot zone
  - ▶ Present Air Quality data information to Unified Command
  - ▶ Coordinate public communication through the Unified Command
- ▶ APCD are not First Responders
- ▶ APCD's Existing Limitations
  - ▶ Lack Health Effects expertise
  - ▶ APCD's Lab instruments could be contaminated from Incident Samples



# APCD Response

## Day 1: Sunday July 12th

- ▶ 8:50am: explosion and fire occurred on USS Richard Bonhomme
- ▶ 5:35pm: APCD notified via County Leadership Office
- ▶ 5:35pm - 12:00am: APCD setting up additional sampling locations
- ▶ 6:30pm - 8:20pm: Issued smoke advisory in English and Spanish

### Air Quality Advisory - 7/13/2020

Due to the ship fire burning in San Diego harbor, localized smoke impacts are expected in San Diego County. As a result fine particulates, or PM2.5 concentrations, along with some smoke impacted areas.

In areas of heavy smoke, assume that air quality levels are poor for all individuals. In areas with minor smoke impacts, air quality is expected to be unhealthy for sensitive groups.

In areas where you smell smoke it is advised that you limit your exposure to fine particulate matter.

### Air Quality Forecast

Measurement of two common pollutants, one that is measured as a gas and the other is a gas produced when emissions meet sunlight.

### Map of Air Quality in Regularly Monitored Communities

### Hourly Pollution Measurements in Regularly Monitored Communities

### Additional Pollution Measurements in proximity to Naval Air Station Miramar

### Aviso sobre la Calidad del Aire – 7/13/2020

Debido al incendio en el barco en la bahía de San Diego del condado de San Diego. Por esta razón, partículas pequeñas (PM2.5 por sus siglas en inglés), pueden llegar a ser perjudiciales en algunas áreas impactadas por el humo.

# Timeline of Events and Outreach

## Monday July 13<sup>th</sup> to Sunday July 19<sup>th</sup>

- Notice of Violation was issued
- Deployment of Additional Sampling
- Posted Data on APCD website/ social media 3 times a day
  - 9am, 2pm, 6 pm
- California Office of Environmental Health Hazard Assessment
  - Reviewed Data and issued statement regarding Health Effects based on data
- Updated Smoke Advisory as necessary

Webpage devoted to Ship Fire



The screenshot shows the website for the Air Pollution Control District. The header includes the district's logo and the text 'Air Pollution Control District'. Below the header is a navigation bar with a home icon, 'I WANT TO ...', 'GRANTS', and 'CITIZENS &'. The main content area features a large heading 'Naval Vessel Fire' and a sub-heading 'Air Quality Advisory - 7/22/2020'. The text below reads: 'A fire aboard the U.S.S. Bonhomme Richard in San Diego Harbor will be good to moderate throughout the County.' It also includes a section for 'Air Samples' which states: 'To augment ongoing air quality monitoring, APCD staff collected samples from the Bonhomme Richard fire of July 12. These extra samples were then analyzed by APCD's lab for gaseous compounds.'

# Air Monitoring Locations

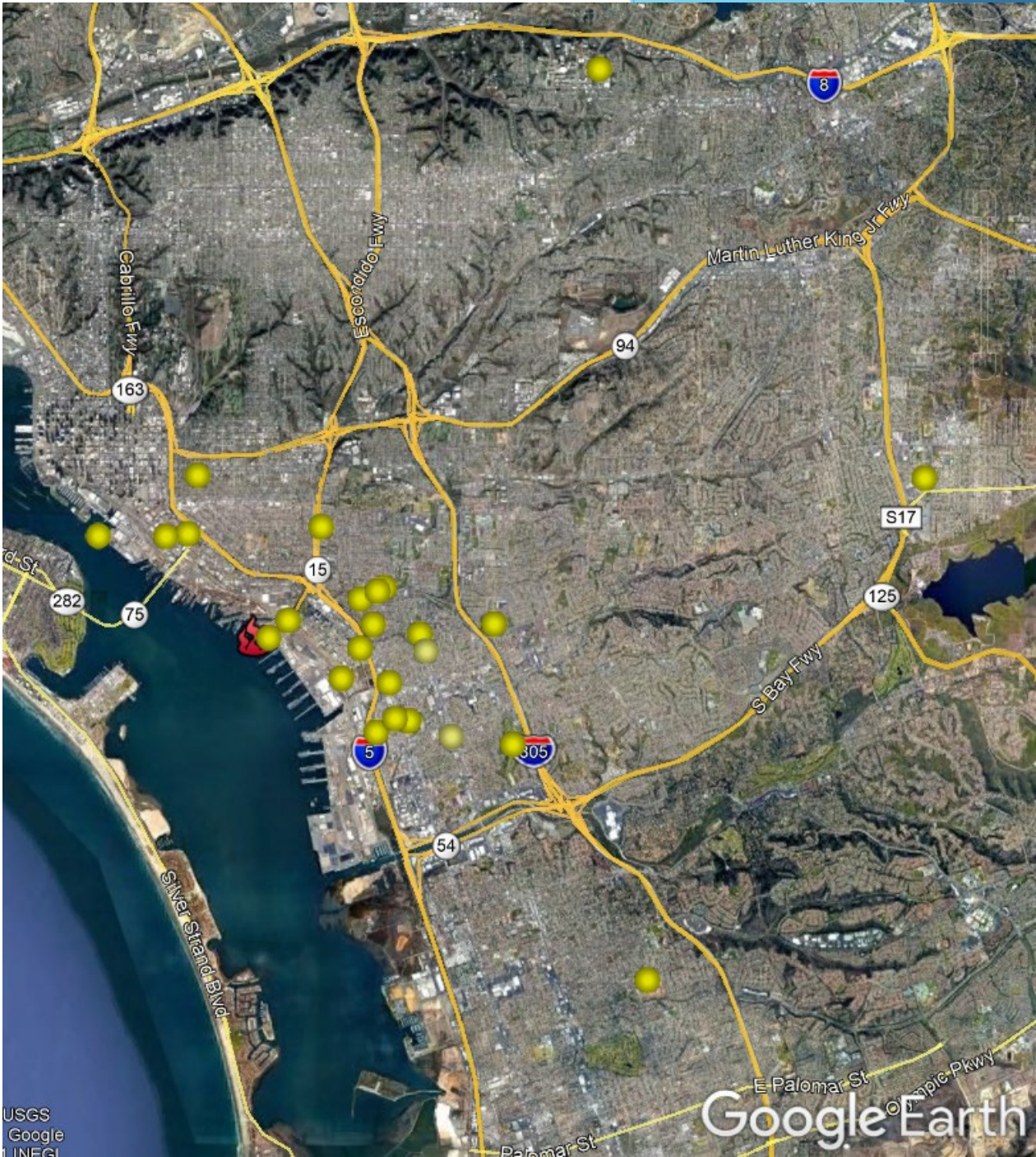
## Legend



Air Monitoring Locations



Ship Fire



# Lessons Learned

Gap	Mitigation
Incident Preparedness	<ul style="list-style-type: none"><li>• Developing an Incident Response Plan</li><li>• Incident Simulation Exercises - besides Wildfire</li></ul>
Incident Coordination	<ul style="list-style-type: none"><li>• Improve coordination among Regional Response Agencies</li></ul>
Communication	<ul style="list-style-type: none"><li>• Hired Public Outreach Coordinator</li><li>• Will hire Public Information Officer</li><li>• Developing a Public Participation Plan</li><li>• Better infographics, map of sampling locations, publicize update schedule</li></ul>

# Next Steps

- ▶ Finalize Incident Response Plan
  - ▶ Public workshop planned for late summer/fall 2021
- ▶ Provide Governing Board with options on enhanced capabilities
  - ▶ Fall 2021 meeting
- ▶ Continue work with CARB's After-Action Review
  - ▶ CARB to host a public workshop in Summer 2021
- ▶ Implement a Portside residential air filtration & air monitoring program



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