

Meeting Notes

**WILMINGTON**

Study of Neighborhood Air near Petroleum Sources (SNAPS)

SNAPS Table  
Wilmington  
26 June 2018

- Is the evaluation checklist still up for additional input?
- Are refineries included?
- Is Aliso Canyon under consideration?
- Aren't there too many communities to get to all quickly?
- How do we elevate communities that didn't score well, but people on the ground know to be big issues/very smelly?
- What is included in the deep data dive? MATES included?
- AB 617 has similar criteria, but with weighting. Does SNAPS weight?
- Will there be health risk assessments in each community?
- How did communities receive a canister sample?
- Did you consider other sources of odor reports & spills? DOGR has a database. Have you looked at Nestdoor?
- Will you be able to discern the sources of pollutants?
- Does the number of recommendations factor into the selection process?
- Who will CARB rely on as community partners?
- Will more canisters be deployed?
- Were THUMBS Islands visited?
- How long were you screening in each community? A few hours might not indicate or might capture intermittent emissions.
- Canister samples might be de-emphasized or used secondarily.
- Wilmington has wells & refineries. Can refineries be included & controlled?
- Look at equipment age.

Study of Neighborhood Air near Petroleum Sources (SNAPS)

SNAPS Table  
Wilmington  
26 June 2018

- We want to know about all petroleum sources, not just production. Should start with a source inventory.
- Look for reports of spills/leaking pipes from fire departments.
- Does the evaluation ranking exclusively drive monitoring order?
- When will sites be selected?
- How long will monitoring occur in each community?
- Oil wells are scheduled to be drilled, can those be included?
- How will trailer measurements be linked to sources?
- Existing community organizations should be important in selection process.
- Chemical odorants are a concern.
- Contact Fish & Game for spill reports.
- Try to capture intermittent sources.
- Correlate air monitoring data to health outcomes on the ground.
- If doing a health risk assessment, should also do a health impact assessment
- When choosing site within a community, consider where residents are experiencing health impacts.
- Are you considering the details of community groups?
- Canister samples could have missed an intermittent source.
- In another study biggest emissions were at night
- Is the funding in place for monitors?
- In first round, partner w/ trusted EJ group.
- Look at places with fewer wells & high population density.
- Some new wells have higher production rates due to horizontal drilling. (and already old)

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Community Identification and Selection

①

Why 10 communities?

- Resources / feasible amount?
- ~~Capability~~ <sup>Capability</sup> of Community Involvement is considered

What is the Criteria?

- Community nomination 1
- Disadvantaged community
  - CalEnviroScreen used as screening tool?
- \* - ~~Disadvantaged~~
  - Asthma Rates

What are you doing for Capacity building?

- Air grants can fund projects to help build capacity, even air monitoring

Comm ID table

Community Identification and Selection

②

CalEnviroScreen Indicators

- Cancer Risk Indicator
  - localized data with MATES study
- Socio-economic data
- Can pull out information specific to air pollution

Funding: ~\$250 Million

- for reductions from mobile sources statewide, not just AB 617 communities
- Focus on disadvantaged communities

Air District Recommending 4 Communities

- AD ~~select~~ prioritization process was described by AD staff
- What about Watts?
  - Many communities are disadvantaged
  - ~~not~~ air district
  - existing monitoring in nearby Compton

Comm ID table

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Community Identification and Selection

3

Sources at the Ports

- DGV, Locomotives, Harbor Craft, Cargo handling eq.

Monitoring Plan / Emission Red. P.  
are guided by Community Steering Comm.

Selection Process

- Statewide assessment
- Local knowledge provided by ADs

Q: Where does Wilmington Rank in recommendation?

- Statewide it has high exposure ~~burdens~~ burdens
- Multiple sources - Ports, fwys, refineries
- It has been recommended along w/ E. Carson + W. Long Beach as a community by the AD.

Community ID table

Community Identification and Selection

4

After Community Selection by CARB Board. Community Steering Committees

~~Plans are~~

- ↳ What's the membership like?
- Community members (have local knowledge)

What about communities not chosen in first year?

- Years 2-5 communities
- Statewide measures that will reduce emissions in communities statewide

Community ID Table

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Community Air Monitoring

6/26/18: Wilmington Session 1 Page 1

Community Air Monitoring

- ① Inclusion of refineries within Blueprint document
- ② Monitoring should not be used to delay any reduction plans
- ③ How is the monitoring going to take care of the problems?
- ④ How will the monitoring identify sources?  
→ Source Apportionment
- ⑤ Collected data should be transparent, and data collection methods, clearly stated objectives
- ⑥ Movement toward actions
- ⑦ Increase trust between communities + Districts/CARB
- ⑧ Who incurs cost of monitoring?
- ⑨ Concerns over age of refinery equipment
- ⑩ How does the use of <sup>low cost</sup> sensors ~~that do not~~ provide actionable data?

Community Air Monitoring

6/26/18: Wilmington Session 1 Page 2

Community Air Monitoring

- ⑪ How does AB 617 monitoring tie into ongoing community group monitoring?
- ⑫ Emissions from chemical production facilities → Methyl Bromide emissions
- ⑬ Emissions from goods movement corridors → Specifically trucks  
→ Freeways are a "stationary source"

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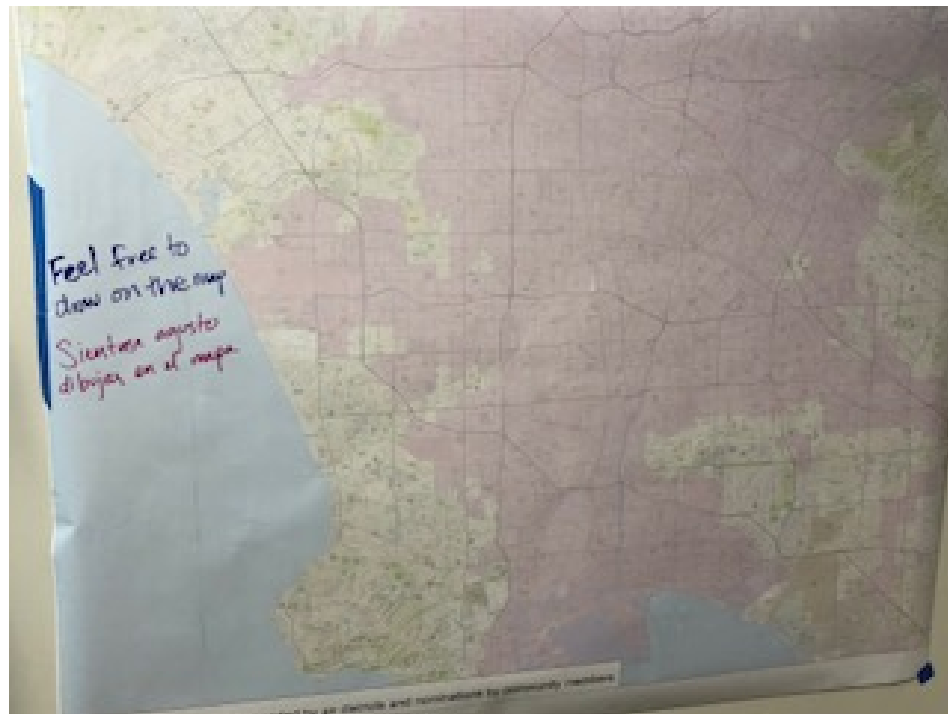
Community Air Monitoring

6/26/18: Wilmington Session 2  
Page 1

Community Air Monitoring

- ① SCAQMD Fenceline monitoring rule 1180 for refinery
- ② Concern about continued funding beyond first few years, + allocation of that funding
- ③ Utilization of existing data <sup>toward</sup> ~~for~~ actions
- ④ Health Impacts
- ⑤ Provide context to the public about monitoring data
- ⑥ Public accountability of emission sources + monitoring similar to restaurants
- ⑦ Outreach to local ~~school~~ schools through ~~parent~~ projects + educational programs
- ⑧ How to ensure monitoring funded by industries is not biased?
- ⑨ How to ensure implementation of these programs? → Enforcement actions

Wilmington area map of recommended/nominated communities



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Community Emissions Reduction Programs

COMMUNITY EMISSIONS REDUCTION PROGRAMS

- ▷ STEERING COMMITTEE
    - EQUAL REPRESENTATION - COMMUNITY VOICE  
COMMUNITY VOTES
    - ES + SOCIAL JUSTICE INCLUDED
    - SHARE SOURCE ATTRIBUTION RESULTS
  - ▷ SOURCES
    - CLEARLY IDENTIFY REFINERIES
    - FOCUS ON CUMULATIVE IMPACTS
    - FIRST STEP → INVENTORY OF SOURCES
    - LIST OF TECHNOLOGIES AVAILABLE (SOLUTIONS)
  - ▷ PUBLIC HEALTH IMPACTS → IDENTIFY PROBLEM + SOURCE CAUSING PROBLEM
  - ▷ ENFORCEMENT
    - GENERAL: • DRAYOFF; CIRCUMVENTING RULE
- ↳ TRUST FOR ACTIONS TO TAKE PLACE  
 ↳ ACTIONS WITH TEETH! ↳ OVERSIGHT NEEDED
- WHAT CAN WE REALLY DO TO HELP A.Q.?
  - SCIENCE, TECHNOLOGY, LOCATION OF SOURCES, DATA
  - LEADERSHIP + ENGAGEMENT
  - PUSH FOR ELECTRIC
  - OVER ALL CHANGE IN INFRASTRUCTURE 6/26
- WILMINGTON ①

Community Emissions Reduction Programs

COMMUNITY EMISSIONS REDUCTION PROGRAMS

- ▷ COMMUNITY REPRESENTATION → LOCAL + STATE BOARDS
  - ▷ PERMITTING + LAND USE
    - MORE TRANSPARENCY → DATA + DECISION MAKING
    - ACCESSIBILITY → VARIOUS PLATFORMS + MULTIPLE LANGUAGES
    - CHANGE ZONING
    - ~~TRANSPARENCY~~ EQUAL ENFORCEMENT (FOR ALL COMMUNITIES)
  - ▷ ACCOUNTABILITY + CONSEQUENCES
    - EMPOWER COMMUNITY MEMBERS TO HELP
    - WHAT HAPPENS IF MILESTONES ARE NOT MET?
  - ▷ TIME FRAME FOR RESULTS → EXPEDITE SOLUTIONS ALREADY KNOWN
    - ACTIONS + RESULTS NOW VS. JUST 5 YRS.
    - EX: SCHOOL BUSES + METRO TRANSPORTATION → SWITCH TO CLEANER NOW ANNUAL PLAN
    - START ON INFRASTRUCTURE TO SUPPORT ZERO-EMISSION + FEASIBILITY
    - INCENTIVES + MORE STRINGENT ENFORCEMENT
- OTHER:
- GROUND POLLUTANTS
- 6/26/18  
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Meeting Notes

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Enforcement

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## ENFORCEMENT

- How many people → jail for air pollution violations?
  - usually settlements/penalties/resolution
- SCAGMD enforcement at refineries?
  - CARB has mobile source authority
  - community emission reduction program will have enforcement component
  - CARB/districts work together
- What are doing to document air pollution from sources?
- What are we doing to empower the public?
  - mobile app? absolutely - SCAGMD has that
- Sources clean up when they're inspected
- What's best way to let people know about app?
  - schools
  - focus on selected communities
- Frustration about making complaints but not seeing results; fines aren't big enough to make a difference
  - Richmond refinery, oxide lead plant, Chevron

Enforcement

②

## ENFORCEMENT

- Port of LA has 4 monitoring stations; concerned about different readings on hand-held devices
  - want a process to review different readings & complaints based on the readings
  - CARB staff focuses on verification/try to verify
- Supplemental Environmental Projects (SEPs)
  - part of settlement → SEP

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- 1) INCREASE SEVERITY / AMOUNT OF PENALTIES
- 2) EMPOWER PUBLIC TO INCREASE ENFORCEMENT / EDUCATE PUBLIC ON MAKING COMPLAINTS
- 3) LOCAL AIR DISTRICT PERMITTING & ENFORCEMENT, DECISION-MAKING

Meeting Notes

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Enforcement

ENFORCEMENT

(3)

- ENFORCEMENT OF NEW RULES OR EXISTING RULES?
  - > COMMUNITY EMISSIONS REDUCTION PROGRAMS MAY HAVE NEW RULES THAT WILL BE ENFORCED
  - > CARB HAS AUTHORITY OVER MOBILE SOURCES
- COMPLAINTS PROCESS
  - > DISTRICT NEEDS A LARGE NUMBER OF COMPLAINTS; WE ENCOURAGE PEOPLE TO MAKE COMPLAINTS
  - > COLLABORATIVE EFFORT (CARB, CAL EPA, DISTRICTS)
  - > CARB ATTENDS LOCAL COMMUNITY MEETINGS TO DISCUSS ENFORCEMENT
- ADDITIONAL FUNDING FOR ENFORCEMENT?
  - > YES
- FLARING IN WILMINGTON; NEED DIGITAL NOTES TO RECORD IT; SMELL; HAPPENS LATE AT NIGHT. REFINERIES DON'T MEASURE WHAT IS EMITTED. ONLY 1 TIME IMPOSED A FINE; 5 REFINERIES.
  - > SHOULD BE A PENALTY FOR FLARING; FLARE MINIMIZATION RULE (ALL REFINERIES DON'T HAVE RULES FOR FLARE MINIMIZATION); TV MONITOR ON REFINERIES
- WILL THERE BE NEW ACTION LEVELS THAT TRIGGER ENFORCEMENT UNDER AB 617?
  - > EMISSION REDUCTION STRATEGIES
  - > CARB - MOBILE & FUELS ENFORCEMENT

ENFORCEMENT

(4)

- MOBILE APP?
  - > FLYER WITH DMV REGISTRATION
- REFINERIES WERE FOUND TO HAVE UNDER-REPORTED VOCs/BENZENE; SC&MD STUDY
  - > REPORTING REGULATION BEING DEVELOPED BY CARB
  - > COMMUNITY STEERING COMMITTEE CAN ADDRESS ENFORCEMENT ISSUES
- BLUEPRINT DOESN'T ADDRESS REFINERIES; WANT TO KNOW WHAT THEY'RE GOING TO DO WITH MONITOR DATA
- HOW DO WE FIND OUT ABOUT THINGS?

- 1) REFINERIES
- 2) COMPLAINTS