

AB 617 Community Air Protection Program
**2022 Portside Community Emissions Reduction Plan Annual Progress
 Report Summary**
DUE OCTOBER 1

Air District:	San Diego Air Pollution Control District (SDAPCD)
Community Name:	San Diego Portside Environmental Justice Communities

Reporting Requirement: Assembly Bill (AB) 617 requires that air districts prepare an annual report for each community emissions reduction program.¹

Data Collection: This template is designed to collect the information that is needed to create the required annual reports and is not intended to act as a substitute for the annual reports. After the data are collected, it is expected that air districts will work with their community steering committees to compile the information into their own user-friendly format(s) that reflects community concerns and summarizes progress, challenges, and next steps. California Air Resources Board (CARB) staff will compile data statewide to provide an overall update to CARB’s Governing Board and the public.

This data collection template includes: the metrics defined in each community emissions reduction program; action items from CARB Governing Board Resolutions and Staff Reports; and the minimum requirements listed in CARB’s Community Air Protection Blueprint.² CARB staff will provide the relevant information on CARB strategies and associated emissions reduction progress for the annual reports. To support transparency, all information will be publicly available.

Due Date for Public Release: CARB’s Community Air Protection Blueprint states that annual progress reports must be made available to the public no later than October 1 of each year. Air districts must post the reports on their webpage, issue a public notification that the report has been released, and then present the report to the district board at a public hearing to discuss the contents.

District Staff, please provide the following information for your OVERALL community emissions reduction program

- Section A: Qualitative progress assessment and quantitative summary of progress for the ongoing work after air district Board approval; status updates for interim milestones identified by the CARB Governing Board Resolution at a future hearing to consider the community emissions reduction program

Also, please fill in the attached spreadsheet to provide an update on each strategy in your community emissions reduction program

- Section B: Status update for each strategy (attach spreadsheet)

¹ Assembly Bill 617, Garcia, C., Chapter 136, Statutes of 2017; codified in California Health and Safety Code section 44391.2(c)(7) which states that each district “...shall prepare an annual report summarizing the results and actions taken to further reduce emissions, pursuant to the community emissions reduction program...”

² California Air Resources Board, “Community Air Protection Blueprint”, October 2018, Appendix C, pages C-38 to C-40, available at: <https://ww2.arb.ca.gov/our-work/programs/community-air-protection-program/community-air-protection-blueprint>

Section A: QUALITATIVE progress assessment and status updates for interim milestones identified by the CARB Governing Board

1) Provide a *qualitative* progress assessment. Briefly describe the progress made and provide a status update for each of the following items:

[Ref. Blueprint, page C-39, C-40]

- Community Engagement.

The APCD engages members of the community through the Portside Community Steering Committee meetings that take place on a monthly basis. Meetings have been virtual since the start of the Covid-19 pandemic and will continue to be virtual in the foreseeable future. APCD also engages members of the community by sharing announcements via email, social media, and through its website, which has dedicated webpages for the CAPP, including meeting information and materials, as well as relevant documents that the public can access anytime.

Following are some accomplishments under Outreach and Community Engagement:

- With input from other agencies and members of the public, SDAPCD developed an [Incident Response Plan](#). The final document was approved by the SDAPCD Governing Board on January 19, 2022
- A [Public Participation Plan](#) (PPP) was developed in partnership with CBOs, the Portside CSC, and general members of the public. The final document was approved by the SDAPCD Board on April 14, 2022
- CARB has developed a model to quantify and prioritize cancer risk from air pollutants. The Portside CSC provided input and approved objectives for the model. The model includes a dual approach to look at risks from a regional emissions perspective and from a community-generated emissions perspective. The final model was presented to the CSC at its May 24, 2022 meeting. CARB is currently developing a summary document and factsheet.
- The [Office of Environmental Justice](#) was established in November of 2021 with a Deputy Director and a Program Coordinator for outreach. An additional Program Coordinator position has been hired and is expected to join the team in late October.

- Enforcement.

Section A: QUALITATIVE progress assessment and status updates for interim milestones identified by the CARB Governing Board

- The District established a Supplemental Environmental Project (SEP) Program to use part of violation fines to fund projects that benefit the community, with a focus on projects in disadvantaged communities
- Since the implementation of the CERP, the District has doubled the number of idling inspections in the Portside Community by conducting vehicle idling sweeps in the area twice a week.
- The District has expanded its Mobile Source Program by amending the CARB/SDAPCD Mobile Source MOU to include Commercial Harbor Craft. Increased enforcement of these emission sources are expected to improve air quality in the region and benefit the Portside Community.
- The District launched a new mobile app, available in English and Spanish, for reporting of air quality [complaints](#).
- The District adopted an afterhours program to investigate air quality complaints
- In collaboration with the City of San Diego and CARB, nine “no idling” signs were installed to prevent idling in the Portside community.

• **Metrics for Tracking Progress.**

The CERP includes metrics for each strategy and action in the CERP. The metrics were identified by the CSC in collaboration with the District and CARB staff. The Metrics table is included in the CERP as Appendix C.

• **Implementation Schedule.**

Implementation or early actions initiated in November of 2020 with the SDAPCD Board approval of Phase I of the CERP.

Phase II of the CERP was approved by the SDAPCD in July of 2021 and by the CARB Board in October of 2021, initiating the five-year implementation schedule of the CERP.

For specific updates regarding each of the strategies in the CERP, please refer to the accompanying spreadsheet to this report.

• **Data Analysis.**

Data from the District's monitoring efforts is analyzed for trends. Updates have been provided to the Portside CSC on a regular basis.

Additionally, CARB has developed a model to quantify and prioritize cancer risk from air pollutants. The Portside CSC provided input and approved objectives for the model. The model includes a dual approach to look at risks from a regional emissions perspective and from a community-generated emissions perspective. The final model was presented to the CSC at its May 24, 2022 meeting. CARB is currently developing a summary document and factsheet.

• **Strategy Development.**

Section A: QUALITATIVE progress assessment and status updates for interim milestones identified by the CARB Governing Board

As the CERP actions are implemented, staff is continuing to receive input from the CSC to ensure the actions focus on the community’s concerns identified for the CERP goals. Strategies and actions to address the air quality goals are being followed as outlined in the CERP. However, strategies and actions may be adjusted as SDAPCD receives new information about emissions from efforts such as air monitoring, emission inventories, and health risk assessments.

2) Highlight any “lessons learned” that can be used to support communities with similar sources and air quality challenges. *[Ref. Blueprint, page C-39]*

- Anticipate that additional time to implement strategies will typically be needed, especially when partnering with multiple entities.
- Transparency from the start regarding availability of resources and timelines is essential to help manage community expectations.
- Engagement of local jurisdictions over land use from the start is very important to coordinate actions and strategies related to land use, especially in regard to timing of community-level, or general plan updates.
- Participatory budgeting of incentive funding available for AB617 is key to reflect and respond to the priorities of the community and to establish trust

3) The community emissions reduction program will have included a community profile. Describe any community profile updates, such as the following information, if applicable: *[Ref. Blueprint, page C-39]*

3a) Describe changes in community attributes (e.g., revised socioeconomic data).

No changes identified

3b) List any new community attributes that have been identified (e.g., new local public health indicators).

No new attributes identified

4) The San Diego Air Pollution Control District Governing Board held a Board Meeting and approved the following action item³:

Action Item in SDAPCD Board Resolution TBD

SDAPCD Board-Directed Action:

³ San Diego County Air Pollution Control District, Governing Board Action E.3, approved at a Board Meeting on July 16, 2021, available at: <https://www.sdapcd.org/content/dam/sdapcd/documents/governing-board/meetings/071621/071621%20APCDGB%20SOP.pdf>

Section A: QUALITATIVE progress assessment and status updates for interim milestones identified by the CARB Governing Board

1. Found that the proposed actions are exempt from the provisions of the California Environmental Quality Act in accordance with staff analysis.
2. Approved the Community Emissions Reduction Plan (CERP) and directed the Interim Air Pollution Control Officer or designee to submit the CERP to the California Air Resources Board for final State approval.
3. Authorized the Interim Air Pollution Control Officer or designee to work with the Portside Community Steering Committee and partner agencies to update the CERP as necessary to reflect potential changes, including updates to data, goals, priorities, or actions during implementation.
4. Authorized the Interim Air Pollution Control Officer or designee to advocate for programs, plans, and regulations that support the actions, strategies, and goals identified in the CERP.
5. Authorized the Interim Air Pollution Control Officer or designee to apply for and receive grant funding that supports the implementation of strategies and actions in the CERP.

- 5) AB 617 requires that all community emissions reduction programs be submitted to the CARB Governing Board for review and approval.⁴ In preparation for consideration by the Governing Board, CARB staff reviewed the Community Emissions Reduction Plan Portside Environmental Justice Neighborhoods and provided a Staff Report for Board consideration. Provided below are recommended actions specified in the Staff Report.⁵ Please use the form below or provide an attachment that describes updates related to the following recommended actions:

Recommended Actions in CARB Staff Report

- To support implementation, CARB staff has developed a set of recommended actions in three key areas: updating the community planning emissions inventory, metrics to track progress of plan, and community-level air monitoring. Progress in implementing these recommendations should be included in the annual progress reports submitted to CARB as required by the Blueprint. Additionally, based on the feedback provided during the August 24th workshop, CARB commits to providing technical information to support implementation:
 - Recommended Action #1: Updating the Community Planning Emissions Inventory.

⁴ California Health and Safety Code section 44391.2(c)(4).

⁵ CARB document "Portside Environmental Justice Neighborhoods Community Emissions Reduction Program Staff Report" released September 23, 2021, available at: https://ww2.arb.ca.gov/sites/default/files/2021-09/Portside_CERP_Staff_Report.pdf

Section A: QUALITATIVE progress assessment and status updates for interim milestones identified by the CARB Governing Board

CARB is committed to revising the hexavalent chromium emission estimates as new data become available. Additional updates to the community-scale emissions inventory for the Portside Community are expected as the District receives revisions to the emissions reported through their AB 2588 Air Toxics “Hot Spots” process. CARB will continue to work with the District and CSC members to continue exploring good data and sound science in estimating hexavalent chromium emissions from mobile sources.

- Recommended Action #2: Work with the steering committee to identify additional means for the CAMP to inform the CERP to achieve and track emissions and exposure reductions, as monitoring data becomes available.

SDAPCD staff continues to work diligently to implement the CAMP and to track data to identify trends in air quality. Data is available at the SDAPCD website and updates are provided regularly at the CSC monthly meetings.

As more data becomes available and full CERP implementation moves forward, SDAPCD staff will continue to share any progress in air quality improvements and to share data to make any necessary adjustments or course corrections,

Section A: QUANTITATIVE Summary of progress for the community emissions reduction program

6) Status of the Strategies Included in the Program – Summarize the total number of strategies that have been fully implemented, the number that are in progress, and the number that have not yet begun implementation.

[Ref. Blueprint pages C-38, C-39. Community Emissions Reduction Plan Portside Environmental Justice Neighborhoods, Chapter 7]

Outreach and Community Engagement (4 actions):

- Fully implemented: 4
- In progress: NOTE: CARB has developed a model to quantify and prioritize cancer risk from air pollutants. The Portside CSC provided input and approved objectives for the model. The model includes a dual approach to look at risks from a regional emissions perspective and from a community-generated emissions perspective. The final model was presented to the CSC at its May 24, 2022 meeting. CARB is currently developing a summary document and factsheet.

Incentives (4 actions):

- Fully implemented: 2
- In progress: 2

Rule Development Strategies (4 actions):

- Fully implemented: 2
- In progress: 1
- Pending: 1

Enforcement Actions (6 actions):

- Fully implemented: 5
- In progress: 1

Heavy Duty Truck Strategies (4 actions)

- Fully implemented: 1
- In progress: 3

Land Use Strategies (8 actions)

- Fully implemented: 1
- In progress: 7

Working Waterfront Activities (8 actions)

- Fully implemented: 2
- In progress: 6

Advocacy Measures (1 action)

- Fully implemented/ongoing: 1

Section A: QUANTITATIVE Summary of progress for the community emissions reduction program

7) Completion of Required Elements – Describe completion of required elements (e.g., emissions reduction targets, milestones for compliance goals, etc.). Some required elements are provided below in 7a, 7b, and 7c.

[Ref. Blueprint pages C-3, C-4, C-38, C-40.]

7a) Emission Reduction Targets – Summarize progress toward achieving overall emission reduction targets (PM2.5, PM10, DPM, NOX, and VOC, as applicable). *[Ref. Blueprint pages C-16 to C-19, C-38, C-40. Community Emissions Reduction Plan Portside Environmental Justice Neighborhoods, Chapter 7, Table 16]*

Emission reduction targets outlined in the CERP will be accomplished by adoption of rules that, in combination, may reduce 0.408 tons/day of VOCs and 0.395 tons/day of NOx.

The District adopted amendments to R61.2 (Transfer of Organic Compounds into Mobile Transport Tanks) and R67.0.1 (Architectural Coatings) on 2/10/21. R61.2 reduced VOC emissions Countywide by 165 tons/yr (0.45 tons/day). Existing technology resulted in these reductions already being achieved in practice and the rule amendments ensure that this level of emission reductions will be maintained. R67.0.1 amendments will reduce VOC emissions from architectural coatings Countywide by 82 tons/yr (0.22 tons/day).

The District adopted amendments to Rule 1401 on 10/14/21 to lower the threshold at which facilities must apply for and obtain a Title V permit.

The District adopted amendments to Rule 1210 on 11/04/21 to lower the cancer risk reduction threshold from 100 in one million down to 10 in one million, thereby reducing the cancer risk impacting surrounding communities.

The District is currently working on evaluating the feasibility of regulating emissions from indirect sources such as ports and warehouses.

7b) Proximity-Based Goals - Summarize progress toward achieving proximity- based goals (e.g., for air filtration, urban greening, school flag programs). *[Ref. Blueprint pages C-19, C-20. Community Emissions Reduction Plan Portside Environmental Justice Neighborhoods, Chapter 7]*

Environmental Health Coalition has been hired as a contractor to implement the Program. Program implementation has initiated. 525 air monitors and air purifiers to be installed in Portside homes over approximately 2 years.

The Barrio Logan Community Plan Update has been adopted including measures in support of urban greening.

The Port District is advancing a comprehensive update to the Master Plan. The PMPU contains goals and policies aimed at greening the urban environment with particular attention to disadvantaged communities.

With sponsorship from the CA Department of Forestry and in collaboration with Urban Core, 20 new trees will be planted outside the open field area at Cesar Chavez Park in

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late 2022. Some of this effort will coincide with the Field Turf Rehabilitation efforts at the field also located at the Park.

As a component of the National City Bayfront Projects & Plan Amendments, currently in the environmental analysis phase of approval, includes a 2.5-acre expansion of Pepper Park. Public outreach on the future park design was held in 2022; however, no final design has been determined. Additional green open space and native, drought-tolerant vegetation, including additional trees, is under consideration.

7c) Compliance Goals - Provide an update on progress toward achieving compliance goals and improving compliance (e.g., summarize non-compliance rates and other key compliance statistics). [Ref. *Blueprint page C-31*.

Community Emissions Reduction Plan Portside Environmental Justice Neighborhoods, Chapter 7]

The District established a Supplemental Environmental Project (SEP) Program to use part of violation fines to fund projects that benefit the community, with a focus on projects in disadvantaged communities.

The District has implemented the expansion of the CARB/SDAPCD Mobile Source MOU to include Commercial Harbor Craft, and have begun conducting inspections. Increased enforcement of these emission sources are expected to improve air quality in the region and benefit the Portside Community.

Since the implementation of the CERP, the District has doubled the number of idling inspections in the Portside Community by conducting vehicle idling sweeps in the area twice a week. Also, in collaboration with the City of San Diego and CARB, nine “no idling” signs were installed to prevent idling in the Portside community.

Section A: QUANTITATIVE Summary of progress for the community emissions reduction program

8) Incentives Investments - Summarize the total incentives investments for programs that are identified in the community emissions reduction program or for other projects that provide air quality benefits within the community.

AB617 Incentives Funding by Year as of 8/7/2022							
Funding Year	Agreement Date	Total Funding	Project Funding (Total minus admin)	Expenditure Deadline	Contracted Project Funds	Expended Project Funds	Lifetime Emission Reductions
1	2018	\$3,000,000	\$2,812,500	June 2023	\$2,812,500	\$2,687,254	47 tons NOx, 1.6 tons ROG, 3.7 tons PM
2	2019	\$18,905,000	\$17,723,438	June 2024	\$14,260,828	\$2,057,407	42 tons NOx, 3.2 tons ROG, 1.6 tons PM
3	2020	\$16,048,461	\$15,045,433	June 2025	\$6,482,416	\$0	

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Section B: Status update for EACH STRATEGY in the community emissions reduction program

Please fill in the attached spreadsheet template and provide an update on the status and specific metrics for EACH STRATEGY. [Ref. Blueprint, page C-39]

Please refer to Excel Spreadsheet titled: 2022 Portside CERP Annual Progress Report by Strategy

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ATTACH SPREADSHEET FOR *Report Section B*: Status update for EACH STRATEGY in the community emissions reduction program