AB 617 Community Air Protection Program

***Annual Progress Reports for Community Emissions Reduction Programs***

**DRAFT Data Collection Template**

**DUE OCTOBER 1**

| **Air District**: | South Coast Air Quality Management District |
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| **Community Name**: | Eastern Coachella Valley |

**Reporting Requirement**: Assembly Bill (AB) 617 requires that air districts prepare an annual report for each community emissions reduction program.[[1]](#footnote-2)

**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]](#footnote-3) 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[[3]](#footnote-4)***

* 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)

| ***Section A:* QUALITATIVE progress assessment and status updates for interim milestones identified by the CARB Governing Board** |
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| 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. |
| Staff continues to engage with Community Steering Committee (CSC) members via email, telephone calls, individual and small group meetings, and CSC meetings. Staff transitioned to a virtual format since March 2020 for community engagement due to the global pandemic and has continued through June 2021. |
| * Enforcement. |
| During this reporting period, the Office of Compliance and Enforcement (OCE) conducted an inspection at Greenleaf Powerplant. The final disposition is still pending. Prior to the AB 617 program, the main source of public input on air pollution issues was from public complaints. The AB 617 CSC meetings provide communities an opportunity to identify and prioritize local air quality concerns that may not be received through public complaints. In addition to the routine inspections and response from OCE staff, the actions included in the ECV CERP serve as enhanced enforcement efforts OCE staff have committed to completing during the five-year term of the plan. |
| * Metrics for Tracking Progress. |
| Metrics were included in the CERP tables that outline the goals, actions, responsible entities, and timelines to achieve emission reductions for each air quality priority (e.g., air quality sensors deployed, square miles of paved roads and parks, number of air filters installed). CSC members requested additional details on the metrics during the CERP amendment process and staff added more specifics as requested. Further, the actions, goals, and strategies in the CERPs prioritize emission reductions and set forth emission reduction targets for the milestone years 2025 and 2030 summarized in Table 2 – Overview of 2019-designated Community Emissions Reduction Targets by 2025/2030\* (tons/year) (see 2021 Annual Progress Report). The total emission reductions established so far during CERP implementation is roughly 116.2 tons per year of nitrogen oxides (NOx) and 9.4 tons per year of diesel particulate matter (DPM). These emission reductions are secured through mobile source incentive projects and exceed the year 2025 milestone year emission reduction targets of 54 tons per year of NOx and 1 ton per year of DPM. As implementation continues, South Coast AQMD staff will work with CARB staff, the AB 617 Technical Advisory Group, and the CSC to quantify future emission reductions achieved by the CERP. |
| * Implementation Schedule. |
| Chapter 5 contains actions in the CERP scheduled to begin in a specified year, and/or quarter.  Please refer to attached Section B (CARB ECV Excel Template) for status updates of individual actions, or milestones. |
| * Data Analysis. |
| For the strategy of air monitoring, data analysis refers to assessing mobile measurements and fixed monitoring data/results to support implementation of emission reduction strategies and track their progress (see Air Monitoring section of the 2021 Annual Progress Report). Staff also developed an online community air monitoring dashboard and data display tool to provide useful data to the community. For rule development or amendments, data analysis is part of the public process and is determined by the scope of the proposed rule or rule amendment (e.g., potential amendments to Rule 403 and 403.1 as specified in Table 2 in Chapter 5d). |
| * Strategy Development. |
| As these 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 air quality priorities (e.g., criteria for home air filtration systems and purifiers and criteria for road paving projects).  Strategies to address the air quality priorities are being followed as outlined in the CERP. However, strategies may be adjusted as South Coast AQMD receives new information about emissions from efforts such as air monitoring.  For a qualitative and quantitative status update of each action, please refer to Section B (CARB ECV Excel Template) attached. |
| 1. Highlight any “lessons learned” that can be used to support communities with similar sources and air quality challenges. *[Ref. Blueprint, page C-39]* |
| During CERP implementation, lessons learned included the following examples:   * Staff held multiple participatory budgeting workshops to determine the allocation of Year 3 CAPP incentive funds for the community-identified projects. Through this process, staff found that online surveys conducted through the Zoom chat, or Zoom Poll function, provided easier access for many CSC members. The accessibility of these tools encouraged more CSC members to provide their input. Thus, staff will use these approaches in future meetings to gather CSC input. * Collaboration is critical to address air quality concerns where South Coast AQMD has limited or no jurisdiction (e.g., pesticides, illegal dumping); thus, staff incorporated collaboration in actions to address the ECV CSC’s top air quality concerns. In addition, the CSC requested South Coast AQMD be involved with local and regional plans written by other entities. Staff addressed the CSC’s concerns by including an action in the CERP to provide air quality information to inform the implementation of local and regional plans that affect air quality (see Chapter 5a of the ECV CERP). |
| 1. 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 in community attributes have been identified between December 4, 2020, through June 30, 2021. |
| 3b) List any new community attributes that have been identified (e.g., new local public health indicators). |
| No additional community attributes have been identified between September 6, 2020, through June 30, 2021. |
| 1. The South Coast AQMD Governing Board held a Board Meeting and approved Resolution 20-19, including the following action item[[4]](#footnote-5): |
| **Action Item(s) in SCAQMD Board Resolution 20-20**   * SCAQMD Board-Directed Action: The South Coast AQMD Governing Board directs staff to provide additional details on the ECV CERP monitoring objectives, collaborations with other entities, incentive strategies and other emission reduction strategies developed by the Community Steering Committee (CSC) as soon as possible but no later than June 30, 2021, including holding two CSC meetings between January and February 2021 to receive additional feedback on these topics, and two additional CSC meetings between March and April 2021 to review draft amendments to the ECV CERP |
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| Since the adoption of the ECV CERP, staff has met with the CSC on over 30 occasions, including 9 CSC meetings, 12 Budget and Monitoring Working Teams and agenda setting meetings, and over 10 meetings with small groups or individual CSC members to gather additional details to further develop the ECV CERP. The CSC meetings focused on developing CERP details for actions to address pesticides, land use, local and regional plans, and alternatives to agricultural burning. These topic areas for developing CERP amendments were specified by the CSC. The budgeting meetings and workshops gathered CSC input on allocation of the Year 3 Community Air Protection Program (CAPP) incentives funds ($5.57 million) for community-identified projects in the ECV. The Budget and Monitoring Working Teams meetings were organized and led by CSC members and staff participated and provided presentations. CSC members provided regular updates to the entire CSC on topics discussed during the Working Team meetings, which included identifying monitoring locations and discussing the incentives budget. |
| * SCAQMD Board-Directed Action: The South Coast AQMD Governing Board directs staff periodically report to Stationary Source Committee on the implementation of the ECV CERP, including updates on the actions within the plan and the emissions reductions achieved. |
| On September 17, 2021, staff provided an overview of the draft Annual Progress Report for AB 617 Community Emissions Reduction Plans (CERPs) to the Stationary Source Committee. The update included progress on implementation for 2018-designated and 2019-designated communities between the reporting period of September 6, 2019 to June 30, 2021. At this meeting, one comment was received from a CSC member supporting the AB 617 process. |
| 1. AB 617 requires that all community emissions reduction programs be submitted to the CARB Governing Board for review and approval.[[5]](#footnote-6) In preparation for consideration by the Governing Board, CARB staff reviewed the Eastern Coachella Valley Plan and provided a Staff Report for Board consideration. Provided below are recommended actions specified in the Staff Report.[[6]](#footnote-7) Please use the form below or provide an attachment that describes updates related to the following recommended actions: |
| **Recommended Actions in CARB Staff Report**   * TBD: TBD: * Recommended Action #1: TBD. |
| N/A - CARB staff recommendations were provided after June 30, 2021 and will be addressed in future annual progress reports. |
| * Recommended Action #2: TBD. |
| N/A - CARB staff recommendations were provided after June 30, 2021 and will be addressed in future annual progress reports. |
| * Recommended Action #3: TBD. |
| N/A - CARB staff recommendations were provided after June 30, 2021 and will be addressed in future annual progress reports. |
| * Recommended Action #4: TBD. |
| N/A - CARB staff recommendations were provided after June 30, 2021 and will be addressed in future annual progress reports. |
| * TBD: TBD: * Recommended Action #5: TBD. |
| N/A - CARB staff recommendations were provided after June 30, 2021 and will be addressed in future annual progress reports. |
| * Recommended Action #6: TBD. |
| N/A - CARB staff recommendations were provided after June 30, 2021 and will be addressed in future annual progress reports. |
| * Recommended Action #7: TBD. |
| N/A - CARB staff recommendations were provided after June 30, 2021 and will be addressed in future annual progress reports. |
| * Recommended Action #8: TBD. |
| N/A - CARB staff recommendations were provided after June 30, 2021 and will be addressed in future annual progress reports. |
| * TBD * Recommended Action #9: TBD. |
| N/A - CARB staff recommendations were provided after June 30, 2021 and will be addressed in future annual progress reports. |
| * TBD * Recommended Action #10: TBD. |
| N/A - CARB staff recommendations were provided after June 30, 2021 and will be addressed in future annual progress reports. |

| ***Section A:* QUANTITATIVE Summary of progress for the community emissions reduction program** |
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| 1. 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. Eastern Coachella Valley Community Emissions Reduction Plan, Chapter 5]* |
| This report reflects the progress of implementation since plan adoption, December 4, 2020 to June 30, 2021. Staff established estimated timelines to determine when the action goals would begin implementation. Approximately 35 of 37 commitments or deliverables from the ECV CERP have been initiated and/or are in the process of implementation. No commitments were completed by June 30, 2021. All the actions within the CERP are expected to be fully implemented over the five-year term of the plan. |
| 1. 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. Eastern Coachella Valley Community Emissions Reduction Plan, Chapter 5a, Table 5a-1]* |
| *[Summarize progress toward overall emission reduction targets]*  Progress in achieving overall emission reductions, listed in Chapter 5a, Table 1 of the ECV CERP, is obtained through rule development and incentives. The rules and regulations included within Table 2 have not completed their respective rule/regulation development public process during this timeframe.  The expected annual emission reductions from incentive projects for the ECV community is 116.2 tons per year (TPY) NOx, 9.4 TPY DPM, and 13.6 TPY ROG, resulting from mobile source incentive projects funded with Year 1, 2, and 3 CAPP incentive funds. Staff is currently working to finalize contracts and completion of projects. The ECV CERP has met 215% of its 2025 emission reduction goal for NOx and 392% of its 2025 emission reduction target for DPM. |
| 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. Eastern Coachella Valley Community Emissions Reduction Plan, Chapter 5]* |
| *[Summarize progress toward achieving proximity-based goals]*  Many of the various actions related to achieving proximity-based goals requires ongoing coordination throughout the term of the plan. For example, ECV selected to allocate $1 million of Year 3 CAPP incentive funds to home air filtration and purification system projects. Staff will work with the CSC to identify criteria for eligible projects for both paving projects and installation of air filtration and purification systems in homes. The results of these efforts will be included in future annual progress reports. |
| 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. Eastern Coachella Valley Community Emissions Reduction Plan, Chapter 5]* |
| See Section B (CARB AB 617 Annual Reporting template attached) for details about the progress toward compliance goals and improvements. Section B provides details on various key compliance statistics relating to the goals identified in the CERP. Additional refinements to enforcement efforts and commitments may include increasing the number of compliance report backs regarding regular compliance-related activities, such as complaint response, evaluating and addressing notifications (e.g., equipment breakdowns), facility inspections, surveillance operations, and various other daily functions carried out by OCE staff. |
| 1. 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. |
| *[Summarize total incentives investments and associated emission reductions in the community, in coordination with CARB staff]*  To date, the total investment in incentives for ECV is approximately $24.6, resulting in 116.2 TPY NOx, 9.4 TPY DPM and 13.6 TPY ROG in emission reduction benefits to the community. Additional emission reductions may further benefit the community pending implementation of subsequent incentive programs, including Year 3 CAPP incentive funds for community-identified projects. |

| ***Section B:* Status update for EACH STRATEGY in the community emissions reduction program** |
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| 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] |
| *[Use the attached spreadsheet to provide updates on each strategy]* |

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

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…” [↑](#footnote-ref-2)
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> [↑](#footnote-ref-3)
3. South Coast Air Quality Management District, “Assembly Bill (AB) 617 Eastern Coachella Valley Community Emissions Reduction Plan Final, December 2020, available at: <http://www.aqmd.gov/docs/default-source/ab-617-ab-134/steering-committees/eastern-coachella-valley/final-cerp/final-cerp.pdf?sfvrsn=9> [↑](#footnote-ref-4)
4. South Coast Air Quality Management District, Governing Board Resolution 20-19, approved at a Board Meeting on December 4, 2020, available at: http://www.aqmd.gov/docs/default-source/Agendas/Governing-Board/2020/2020-Dec4-029.pdf?sfvrsn=6 [↑](#footnote-ref-5)
5. California Health and Safety Code section 44391.2(c)(4). [↑](#footnote-ref-6)
6. CARB document “TBD” released TBD, available at: TBD. [↑](#footnote-ref-7)