

**California Air Resources Board
GRANT REPORTING FORM**

Grant Title				Grant Number	
Community Air Protection Program (AB 617)				G21-CAPP-31	
Grantee Name				Report Number	
South Coast Air Quality Management District				1 - ANNUAL	
Reporting Period				Date Report Submitted	
From	8/1/2022	To	6/30/2023	8/30/2023	
Report Type: <input checked="" type="checkbox"/> Annual <input type="checkbox"/> Final			Total Grant Amount: \$21,880,000		
Funding Status			Reporting Period		Cumulative
AB 617 Funds Received			\$21,880,000		\$21,880,000
Interest Earned			\$412,971		\$412,971
Expended			\$12,430,973		\$12,430,973
Remaining/(Use of South Coast AQMD Funds)			\$9,861,998		\$9,861,998
Remarks					
Category			Reporting Period Expenditures		Cumulative Expenditures
• Salaries and Benefits			\$ 8,516,480		\$ 8,516,480
• Operating Expenses			\$ 160,124		\$ 160,124
• Fixed Assets			\$ 200,962		\$ 200,962
• Administrative/Overhead			\$ 3,553,407		\$ 3,553,407
Total Expenditures			\$ 12,430,973		\$ 12,430,973
Indicate how grant is being utilized to meet the goals of AB 617					
<ul style="list-style-type: none"> Overview: The goals of AB 617 include implementing BARCT requirements as required by statute, toxic rule development, recommending communities to CARB for the development of community air monitoring and/or emission reduction plans, developing the community plans in consultation with stakeholders, implementing the plans adopted by our Board, and continuing to work with stakeholders throughout implementation of the plans. In addition, South Coast AQMD staff provided input and support toward CARB's efforts for developing the BACT/BARCT clearinghouse, development and implementation of the criteria pollutant and toxics emissions reporting (CTR) program, statewide strategies for the program, and provided input on the draft Blueprint 2.0. Note: Approximately 89 equivalent FTEs were funded through AB 617. As noted in the previous progress report, as the work to implement the community plans increases with additional communities, the pace of spending these program funds will increase. Planning, Rule Development and Implementation The funding from this grant supported staff resources to implement BARCT, source-specific, and toxics rule development, and conduct the work necessary to implement the Board-adopted Community Emissions Reduction Plans (CERPs) for the three 2018-designated communities, two 2019-designated communities, and one 2020- designated community in the South Coast AQMD basin. The grant supported funding three community co-leads for the South Los Angeles community, meeting facilitators, and written and oral Spanish translation services. In addition, the grant supported staff resources to assist CARB staff developing the BACT/BARCT clearinghouse and emissions reporting regulation. The 					

grant supported resources to participate and incorporate and implement the CTR program.

- **Technology Advancement Office:** The grant supported the work to develop project plans and distribute Community Air Protection Program (CAPP) incentives funding, home and school air filtration projects, paving projects, and efforts to work closely with Community Steering Committees (CSCs) to develop recommendations for incentive projects. Additionally, the grant supported efforts to develop an incentive program to eliminate hexavalent chromium emissions beyond regulatory requirements by replacing them with an alternative at chrome plating facilities.
- **Legislative, Public Affairs and Media:** The funding for this grant supported staff resources and supplies for ongoing collaboration and engagement with the designated communities, including outreach, interpretation, translation, facilitators, and related services. The funding also supported community engagement and implementation efforts for six approved Community Emission Reduction Plans (CERP).
- **Monitoring and Analysis Division:** The funding for this grant supported staff resources to develop the Community Air Monitoring Plans (CAMPs), purchase monitoring and laboratory equipment and supplies, develop data platforms and data visualization tools, and conduct community-based monitoring efforts in AB 617 designated communities. The funding also supported contracts for specialized measurement services which were used in five of the designated communities. The grant also supported the work to implement the Community Emissions Reduction Plans (CERPs) and the CAMPs, including conducting air monitoring in each community, conducting Monitoring Working Team (MWT) meetings to discuss monitoring results, and participating in CSC meetings. Monitoring and analysis activities related to South Coast AQMD's ethylene oxide (EtO) emission investigation have been implemented by Monitoring and Analysis Division staff in AB 617 communities. Thorough investigations into EtO emissions in Vernon and Carson were conducted within two AB 617 communities (SELA and WCWLB). However, expenditures for this project were not applied to the AB 617 implementation grant of this report since South Coast AQMD is seeking reimbursement from other sources.
- **Compliance and Enforcement:** The funding for this grant supported staff resources to assist in the development of the CERP for the 2020-designated community; to continue CERP implementation in the 2018-2019 designated communities, such as by responding to public complaints, conducting idling truck sweeps, and performing inspections at oil & gas facilities, metal processing facilities, auto body shops, and other sources; and to participate in outreach efforts to inform the public about South Coast AQMD enforcement activities.
- **General Counsel's Office:** The funding for this grant supported staff resources to review and provide input on the six CSC's operations and policy implementation, review CAPP program materials and grant applications, and evaluate requests for information from community members and CSC members for dissemination at CSC meetings on the South Coast AQMD's website.

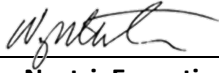
Summary of work completed and in progress since the last progress report

- **BARCT/CERP Rule Development:** During this reporting period, staff continued to work on numerous rules that involved a BARCT assessment and successfully adopted or amended the following two rules: Rule 1147 (Miscellaneous NOx Combustion Equipment) which is expected to reduce NOx emissions by 1.59 tons per day and Rule 1147.2 (NOx Emissions from Metal Melting and Heating Furnaces) which is expected to reduce NOx emissions by 0.5 tons per day. In addition, staff continues to work on the following two other BARCT rules: Proposed Amended Rule 1153.1 (NOx Emissions from Commercial Baking Ovens) and Proposed Rule 1159.1 (NOx Emissions from Nitric Acid Tanks). One rule was amended

in accordance with the WCWLB and SLA CERPs: Rule 1148.2 (Notification and Reporting Requirements for Oil and Gas Wells and Chemical Suppliers). Rule 1148.2 is a notification rule and is generally administrative in nature, so no emission reductions are directly anticipated through implementation. Staff is continuing to work on other rules for the CERPs such as Rule 1178 for large refinery storage tanks, Rule 1118 for refinery flares, and Rule 1148.1 for oil and gas wells.

- **Air Toxics Rule Development:** During this reporting period, staff continued to work on numerous rules that sought to reduce risk from air toxics in various operations, and successfully adopted or amended the following two toxic rules: Rule 1401.1 (Requirements for New and Relocated Facilities Near Schools) and Rule 1460 (Control of Particulate Emissions from Metal Recycling and Shredding Operations). Although no emission reductions were estimated for Rule 1460, implementation is expected to reduce fugitive metal particulate emissions from metal recycling and shredding operations through new housekeeping requirements. In addition, staff continues to work on the following four toxic rules: Proposed Amended Rule 1401 (Toxic Air Contaminants for New or Modified Sources), Proposed Amended Rule 1405 (Control of Ethylene Oxide and Chlorofluorocarbon Emissions from Sterilization or Fumigation Processes), Proposed Rule 1435 (Toxics from Metal Heat Treating Processes), and Proposed Rule 1445 (Control of Toxic Emissions from Laser Arc Cutting).
- **Recommendations for AB 617 Designated Communities:** During this reporting period, South Coast AQMD did not have the resource capacity to add any additional communities to the program as the agency is currently implementing six CERPs and six CAMPs. Recommendations for inclusion of additional communities into the program require the availability of sufficient funding compared to what historically been allocated to support CERP development and implementation activities.
- **Community Air Monitoring and Emissions Reduction Plans:** During this reporting period, staff continued their community outreach and technical work as part of CAMP implementation for all communities. For the Eastern Coachella Valley (ECV) and South Los Angeles (SLA) communities, staff organized recurring MWT meetings to discuss technical topics related to CAMP implementation. Air monitoring continued in the 2018- and 2019-designated communities and began in the 2020-designated community, and South Coast AQMD staff have been providing CAMP implementation updates in the quarterly CSC meetings (and in MWT meetings for ECV and SLA communities). South Coast AQMD has published comprehensive CAMP implementation progress reports for 2018- designated communities, as well as interactive web-based data access and visualization tools for 2018-, 2019- and 2020-designated communities for all air monitoring measurements conducted as part of CAMP implementation.
- **Monitoring and Analysis:** South Coast AQMD staff continued to work with CSC members, CARB staff and other stakeholders to evaluate, develop, and implement the appropriate air monitoring strategies and methods to address the diverse air quality concerns in each community. Air toxic information from the most recent Multiple Air Toxics Exposure Study (MATES V), ongoing measurements as part of the South Coast AQMD's air monitoring network, current community engagement, air quality sensor development/deployment activities that are part of the Air Quality Sensor Performance Evaluation Center (AQ-SPEC) program, and other ongoing community air monitoring and emissions investigations projects provided additional resources and experience that are leveraged into implementing the CAMPs. As part of CAMP implementation for the three 2018-designated, the two 2019-designated, and the one 2020-designated communities, South Coast AQMD has established one new monitoring station, enhanced five existing air monitoring stations, supplemented existing monitoring by establishing air quality sensor networks in two of the communities (ECV and SBM), and conducted hundreds of hours of mobile monitoring surveys in all communities with platforms customized for the particular community concern(s). South Coast AQMD has actively use the mobile monitoring to identify leaks for oil and gas wells and storage tanks in the Wilmington, Carson, West Long Beach community, and coordinates with the Office of Compliance and Enforcement.

District Authorization:



Wayne Natri, Executive Officer

8/29/2023

Date

(DRAFT) 2-14-18/tam