

# California Air Resources Board

## Assembly Bill 617 Implementation Funds

### Budgeted Expenditures

#### Fiscal Year July 1, 2019 to June 30, 2020

The Community Air Protection Program (Program) was created to implement the provisions of Assembly Bill (AB) 617. AB 617 requires California Air Resources Board (CARB) fulfill specific mandates of the law, which include:

- Identify communities with high cumulative exposure burdens and select communities for deployment of community air monitoring and/or development and implementation of community emissions reduction programs, annually, as deemed appropriate.
- Develop a statewide strategy, including measures to reduce emissions and exposure, methods for identifying contributing sources, and criteria to serve as the benchmark that air districts must meet when developing and implementing community emissions reduction programs, and updating the statewide strategy at least once every five years.
- Prepare a statewide air monitoring plan to assess current monitoring technologies and existing community monitoring programs, and provide criteria and guidance for developing future community air monitoring.
- Publish air quality data generated by the community air monitoring systems deployed under AB 617 and provided by districts onto CARB's internet website.
- Establish and maintain an emissions control technology clearinghouse.
- Establish a statewide uniform system of annual emissions reporting for certain categories of sources.
- Implement and enforce CARB regulatory programs.
- Administer grants to community-based organizations for technical assistance and to support community participation in implementation of AB 617.
- Provide program review and oversight.

CARB fulfills its mandates under AB 617 with the Program Components and Major Activities summarized in the table that follows.

**Draft**

Program Component	Major Activities	Staff Costs
Statewide Monitoring Plan & AQ-VIEW	<ul style="list-style-type: none"> <li>• Provide training and technical support to community air monitoring grantees to conduct community air monitoring.</li> <li>• Provide laboratory, method development, quality assurance, and analytical support to air districts.</li> <li>• Conduct sensor evaluations in laboratory settings and field campaigns.</li> <li>• Develop and update Online Resource Center (assessment of technologies and existing air monitoring networks).</li> <li>• Review community air monitoring plans against Blueprint and provide guidance to air districts.</li> <li>• Provide field and other technical support for conducting air monitoring, including statewide AB 617 monitoring data portal, AQ-VIEW.</li> <li>• Support development and maintenance of AQ-VIEW, including stakeholder outreach, documentation, and technical support for users.</li> <li>• Collect, analyze, and interpret air quality data; establish technical assessment methods in support of community air quality evaluations, pollutant source attribution, and tracking progress.</li> </ul>	\$3,160,000
Statewide Strategy, Implementation, & Identification of Communities	<ul style="list-style-type: none"> <li>• Assess and select AB 617 communities, based on outreach, nominations from community members and air districts, CARB technical reviews, staff recommendation to Board, and Board hearing.</li> <li>• Community Emissions Reduction Program (CERP) and Air Monitoring Plan policy support and coordination with air districts and stakeholders.</li> <li>• Complete technical work to support community programs (source attribution, modeling, data collection/analysis).</li> <li>• Staff participation at community steering committee meetings, Blueprint training, and staff presentations.</li> <li>• Develop technical and policy guidance documents and training materials to support Program.</li> <li>• Review district-approved CERPs and provide staff recommendations to CARB Board, including outreach, staff report, and Board hearing.</li> <li>• Support implementation of CARB specific commitments for selected communities, including analysis, enforcement activities, development of reports, and Board preparation.</li> <li>• Update Online Resource Center with new features, functions, data, best practices and resource documents.</li> <li>• Administer, track, and provide grantee support for Community Air Grants, including solicitation, assessment, allocation, grant development, and funds disbursement.</li> <li>• Allocate and track implementation funds for air districts, including grant development, funds disbursement, and guideline updates.</li> <li>• Work with stakeholders to revise Blueprint as necessary to provide clarity or revise program requirements to ensure continued progress in the Program.</li> </ul>	\$6,090,000

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Program Component	Major Activities	Staff Costs
Technology Clearinghouse	<ul style="list-style-type: none"> <li>• Collect best available control technology (BACT), best available retrofit control technology (BARCT), and related technologies for the control of toxic air pollutants (TBACT) from air districts.</li> <li>• Organize, analyze and synthesize emissions control data received from air districts so it is relevant and applicable to other air districts within the State.</li> <li>• Develop the statewide Technology Clearinghouse, which includes program design, database structure, and information updating mechanism.</li> <li>• Support development and maintenance, including stakeholder outreach, documentation, and technical support for users.</li> </ul>	\$900,000
Community Emissions Inventory & Emissions Reporting Requirements	<ul style="list-style-type: none"> <li>• Develop baseline emissions for AB 617 monitoring-only communities</li> <li>• Develop baseline and future emissions for AB 617 emissions reduction program communities to establish baseline emissions, support strategy development, and track emissions reductions in the future.</li> <li>• Work with air districts and community groups to streamline community-scale emissions inventory development.</li> <li>• Support air districts on development and review of emission inventory method and results.</li> <li>• Develop reporting requirements and emissions factors for criteria pollutants and toxic air contaminants.</li> <li>• Establish quality assurance/quality control procedures for the reported criteria pollutant and toxic air contaminant emissions data.</li> <li>• Collect, analyze, and interpret emissions inventory data.</li> <li>• Support development and maintenance of AB 617 Emissions Inventory Database System, including stakeholder outreach, documentation, and technical support for users.</li> </ul>	\$4,060,000
Support Staff	<ul style="list-style-type: none"> <li>• Legal - Assist in regulatory development of the emissions reporting requirements and statewide strategies.</li> <li>• Information Technology - Support database development and maintenance of the Emissions Inventory Database System, AQ-VIEW, and Technology Clearinghouse.</li> <li>• Administrative Support staff.</li> </ul>	\$2,030,000
Total		\$16,240,000