



December 23, 2020

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 Office of Community Air Protection
 California Air Resources Board
 9480 Telstar Avenue | El Monte CA. 91731

Annual Report for the Community Air Protection Program Grant

Following is a report of the San Diego County Air Pollution Control District's expenditures and activities to date to implement the Community Air Protection Program in the San Diego region.

Grant Number: G-17-CAPP-25 Amendment 1 and G18-CAPP-25

Grant Program: Community Air Protection Program

Grantee Name: San Diego County Air Pollution Control District

Report Number: 2020-1

Report Date: 7/2/2020

Summary of Expenditures

Expense Category	Fiscal Year		Total
	2018-19	2019-20	
Services & Supplies	33,102	300,777	333,879
Fixed Assets–Equipment	223,887	288,799	512,686
Labor	465,919	524,849	990,768
Total Expenditures:	\$722,908	\$1,114,425	\$1,837,333

Breakdown of Expenditures

Services & Supplies		
Account	Description	Amount
52044	SAFETY CLOTHING	375.00
52182	VEHICLE FUEL (ISF)	-
52184	MEDICAL & LAB EQUIP	9,575.00
52220	MAINTENANCE STRUC I	19,059.00
52254	LABORATORY SUPPLIES	41,878.00
52282	INITIAL SOFTWARE SE	1,008.00
52330	OFFICE EXPENSE	1,523.00
52342	SUPPLIES	1,336.00
52352	RECORDS/PRINTING DO	164.00
52370	PROF & SPECIALIZED	38,712.00
52390	LABORATORY SERVICES	125,788.00
52500	RENTS & LEASES-EQUI	2,605.00
52530	RENTS & LEASES STRU	1,543.00
52540	SMALL TOOLS & INSTR	247.00
52550	SPECIAL DEPARTMENTA	17,241.00
52566	MINOR EQUIPMENT	68,111.00
52604	FREIGHT	1,034.00
52608	OUT-OF-CO TRAVEL/TR	2,397.00
52610	NON-TRAVEL & IN-CO	1,284.00
Total Services & Supplies:		333,879.00

Fixed Assets–Equipment		
Account	Description	Amount
54970	Laboratory Instruments	485,874.00
54982	Transportation Equipment	26,812.00
Total Fixed Assets–Equipment:		\$512,686.00

Labor		
Account	Description	Amount
56311	Labor Charges in FY 2018-19	465,919
56311	Labor Charges in FY 2019-2020	524,849
Total Labor:		\$990,768

Total amount of grants (including amendment): \$3,370,000

Total Expenditures: \$1,837,333 (Note: last annual report for the G17 grant (dated 6/25/19) reflected \$385,310.48 grant funds remaining. This remainder has been liquidated since then and is included in the total liquidation amount of \$1,837,333)

Remaining Grant Funds: \$1,532,667

Report on how grant is being used by the District:

The grant funding is being used to implement the Community Air Protection Program in San Diego County pursuant to AB 617 (2017 Statutes). Activities to date have focused on the Portside Environmental Justice Neighborhoods, with some additional work conducted in the region's other State-identified disadvantaged communities. Staff priorities have been established to facilitate compliance with the requirements and timelines in AB 617. Significant resources have been expended to conduct extensive community outreach, identify which air pollutants to measure, procure the necessary monitoring equipment, and find locations to site the equipment. A monitoring plan was developed to not only identify where the highest levels of air pollution are in the community but also to determine the stationary, area, and mobile source contributions to the community's air pollution levels. Other work has included conducting increased inspections, reviewing regulations, and implementing an expedited process for Best Available Retrofit Technology.

Summary of work completed to date:

- Formed a Community Steering Committee consisting of 26 members that includes 13 residents and 13 individuals representing industry, non-profit organizations, and governmental agencies. We continue to seek additional residents to join the committee and constitute the required majority.
- Conducted 18 Steering Committee meetings. Meetings were held in the evenings (6-8 p.m.) at Perkins Elementary and were open to the public. Meetings were originally led by District staff who developed agendas, sought out presenters, supplied presentation materials, set up audio/visual equipment, and took meeting notes. Beginning with the October 29, 2019 meeting, Steering Committee meetings have been led by a professional facilitator (under contract with Estolano Advisors). This contractor also prepares the agendas, organizes presentation materials, and completes meeting notes. Spanish translation was provided at all

meetings.

- The March 2020 Steering Committee meeting was cancelled due to the statewide stay-at-home orders due to the novel coronavirus pandemic. Steering Committee meetings have successfully been conducted virtually (online) in April, May, and June of 2020. Simultaneous interpretation in Spanish was provided during these meetings. Steering Committee meetings will continue to be held online for the foreseeable future.
- Developed an expedited schedule for Best Available Retrofit Control Technology by December 31, 2018, as required by AB 617. Additionally, staff are currently analyzing District Rule 1210 (Toxic Air Contaminant Public Health Risks–Public Notification & Risk Reduction) to determine if the health risk threshold for cancer should be lowered from the current 100-in-one-million action level.
- Identified all permitted facilities located in the Portside Environmental Justice Neighborhoods.
 - Conducted an analysis of the costs of additional air pollution controls and the expected emissions reductions.
- Participated in CARB-District working groups on various requirements of AB 617.
- Purchased air quality monitoring equipment for future sites.
- Conducted additional inspections of stationary and mobile sources in the area.
- Reached out to residents to explain how to submit public complaints about air pollution. Developed a Spanish version of a phone app for submitting air pollution complaints.
- Searched throughout the community for suitable sites for air quality monitoring, including contacting property owners, developing contracts, and submitting work requests to San Diego Gas and Electric.
- Commenced community air quality monitoring at Sherman Elementary in February 2019.
- Commenced real-time black carbon monitoring at Sherman Elementary School on July 22, 2019; at the Tenth Avenue Marine Terminal site on October 1, 2019; at the Oceanview Boulevard site on October 23, 2019; at the San Ysidro site (to compare black carbon concentrations in another disadvantaged community) on October 28, 2019; and at the Chicano Park site on April 22, 2020.
- Measured street-by-street air pollution levels in all disadvantaged communities from February through early June 2019, using a third-party contractor driving specially equipped vehicles with sensors. Data from this project provided the Steering Committee with information about air pollutant concentrations and gradients within and across the Portside Environmental Justice Neighborhoods and other portions of San Diego county.
- Participated in biweekly phone calls with CARB staff where updates and issues were discussed.
- Conducted license plate reader imaging in the Portside Environmental Justice Neighborhoods.

This will enable the District to better determine the impact of mobile source emissions on the community (source attribution). The results will help the District and community develop an effective Community Emission Reduction Plan.

- The Portside Environmental Justice Neighborhoods was nominated to be a Community Emissions Reduction Program (CERP) in the fall of 2020. This nomination was accepted by the CARB Board in December 2019.
- The District initiated work on the CERP. The Steering Committee formed a CERP subcommittee to provide input to the creation of the CERP.
- The Steering Committee formed three additional subcommittees to investigate land use issues, issues related to the port, and on trucks. These subcommittees report back to the Steering Committee monthly.

Please contact me with any questions at domingo.vigil@sdcounty.ca.gov or at (619) 952-2916.

Sincerely,

A handwritten signature in black ink, appearing to read "Domingo Vigil". The signature is fluid and cursive, with the first name being more prominent.

Domingo Vigil
Deputy Director