

# Ventura County APCD 2019 AB 617 Annual Report

## **I. Identification**

Ventura County Air Pollution Control District

Report Number: 1

Submission Date: July 10, 2019

Grant Number: G17-CAPP-34

## **II. Costs Associated with Specific Tasks**

See Attachment 1

## **III How Grant Funding is Being Utilized to Meet the Goals of AB 671**

### Background:

During this first year of AB 617 implementation, VCAPCD did not possess adequate community level air monitoring data to make empirical assessments on burdened communities. Therefore, in developing our July 31, 2018 submittal to CARB, VCAPCD staff utilized:

- CalEnviroScreen 3.0
- U.S. EPA's EJSCREEN mapping tool
- VCAPCD information on permitted facilities in and nearby disadvantaged/burdened communities identified via CalEnviroScreen 3.0 or EJSCREEN
- Community/public input

VCAPCD staff's areas of focus in using CalEnviroScreen 3.0 were air emission related information (ozone, PM 2.5, diesel particulate), traffic information, pesticide application information, and health factors (asthma, low birth weight and cardiovascular disease). The scores for pesticide application rates, asthma, cardiovascular disease, and diesel particulate are elevated in some of these census tracts in the Oxnard area. With regard to the elevated asthma scores, staff contacted both, Gold Coast Health Plan, the local Medi-Cal provider for Ventura County, and Ventura County Public Health. We requested information on the utilization of medical services related to asthma by Oxnard area residents as compared to residents in other areas of Ventura County. Ventura County Public Health responded with information showing elevated asthma rates in the 93030

zip code in Oxnard. The 93030 zip code matches reasonably well with the census tracts identified with elevated asthma rates in CalEnviroScreen 3.0.

VCAPCD staff's review of the U.S. Environmental Protection Agency's (EPA) EJSCREEN mapping tool has determined that this tool does not provide much information beyond that provided by CalEnviroScreen 3.0. VCAPCD staff noted the EJSCREEN Environmental Justice (EJ) index data is concerning as Oxnard has an ozone EJ index of 94th percentile (state) and Simi Valley has an ozone EJ index of 21st percentile (state). Currently, Oxnard has an ozone design value of 61 ppb (eight-hour average) and Simi Valley has a design value of 77 ppb (eight-hour average). This seems to indicate that the EJSCREEN model is weighted heavily on demographic indicators. However, staff's initial review shows that the EJSCREEN environmental and demographic indicators seem reasonable.

In addition, VCAPCD staff reviewed the results of the University of Southern California's Environmental Justice Screening Method (EJSM); however, the results were not as relevant to Ventura County as to other Southern California counties. Staff noted that EJSM displayed similarity to CalEnviroScreen 3.0 results.

On June 20, 2018, VCAPCD staff hosted our second AB 617 public workshop at the Oxnard Performing Arts Center in the City of Oxnard. The main comments received from the public were related to concerns with emissions from heavy-duty trucks in an area identified by CalEnviroScreen 3.0 as a disadvantaged/burdened area. This area does have food distribution facilities for onions, squid, and other commodities which would utilize heavy-duty trucks.

On July 31, 2018, based on VCAPCD staff's review of the available data, staff recommended that the greater Oxnard/Port Hueneme area be the highest priority region in Ventura County for inclusion in CARB's Community Air Protection Program. Staff's recommendation is based on our assessment that we have not identified a single or multiple sources of significant air emissions that would lead us to identify a smaller region adjacent to these source(s). This is in part based on our review of our permitted sources in the area. The greater Oxnard/Port Hueneme area is also home to several agricultural operations, and these operations generally utilize pesticides and diesel equipment. In addition, the Port of Hueneme and several warehouse type distribution centers are located in the area. Heavy-duty trucks associated with these goods movement facilities move throughout the area. In summary, we are looking at a diffuse inventory of air pollution sources in this area. This will likely require additional research including community level air monitoring in several locations to identify any sources of concern. In addition, by having a larger area, the VCAPCD will have

flexibility to target our incentive funds within the area as we learn more about potential issues with air pollutant sources in and adjacent to the area.

VCAPCD staff defines the greater Oxnard/Port Hueneme area as the following census tracts (map attached).

- 6111002905 Oxnard (North West area)
- 6111003201 Oxnard (North area)
- 6111009100 Oxnard (Colonia area)
- 6111004902 Oxnard (North East area)
- 6111005002 Oxnard (Auto Center)
- 6111004704 Oxnard (South East area)
- 6111004715 Oxnard (South area)
- 6111004400 Port Hueneme

Staff reviewed information on other communities in Ventura County identified as potentially disadvantaged/burdened in CalEnviroScreen 3.0. While staff is not recommending these areas as “first priority” for inclusion in CARB’s program, we plan to work with these communities as we move forward implementing AB 617.

These other communities include the following census tracts:

- 6111002400 Ventura (Downtown area)
- 6111002300 Ventura (Avenue area near Hwy 33)
- 6111002200 Ventura (Avenue area East)
- 6111001302 Ventura (Saticoy)
- 6111006100 Newbury Park
- 6111000400 Santa Paula (North East area)\*
- 6111000500 Santa Paula (South of Hwy 126)\*
- 6111000302 Fillmore area\*
- 6111000200 Piru area\*
- 6111005002 El Rio area\*

\* Areas are included based on community/public input received at the April 9, 2018 local Community Environmental Justice workshop sponsored by the Central Coast Alliance United for a Sustainable Economy (CAUSE) and the California Environmental Justice Alliance. These areas were included in CalEnviroScreen 2.0 as potential disadvantaged/burdened communities.

VCAPCD Public Outreach/Coordination:

Staff has been collaborating with the local environmental organization Climate First: Replacing Oil and Gas (CFROG – formerly Citizens for Responsible Oil and Gas) on the implementation of AB 617. CFROG has been awarded a Community Air Grant by CARB. CFROG is tentatively planning to conduct community air monitoring in the south Oxnard area and the Ventura Avenue area. Both of these areas are identified as areas VCAPCD is planning to target in implementing AB 617. CFROG is also planning on utilizing low-cost PM2.5 sensors, which could help identify areas with particulate matter concerns (especially if related to diesel combustion).

On September 14, 2018, VCAPCD staff met with CFROG representatives to kickoff our work on AB 617. VCAPCD staff agreed to participate on a Technical Advisory Committee for CFROG's community monitoring work. On October 17, 2018 VCAPCD staff met with a Civic-Spark fellow assisting CFROG in outreach for their community monitoring training for the low-cost PM2.5 sensors to be used by the public. On October 26, 2018, VCAPCD participated in the Technical Advisory Committee for the CFROG community monitoring program. The CFROG program includes: low-cost PM2.5 sensors for use by the public and drones carrying hydrocarbon sensors to obtain estimates of hydrocarbon concentrations near burning oil seeps. VCAPCD staff also participated in CFROG community meetings where the public was trained on the use of low-cost PM2.5 sensors on December 5, 2018, January 23, 2019, and January 30, 2019.

In addition, VCAPCD has contacted the Californians for Pesticide Reform organization, as it was also awarded a Community Air Grant and has noted it is looking at additional air monitoring for pesticides in the central coast region. VCAPCD staff is planning to coordinate with both CFROG and Californians for Pesticide Reform to ensure monitoring data has been subject to quality assurance and is understandable to the community. VCAPCD staff is planning to attend a meeting with Californians for Pesticide Reform and Ventura County Public Health once the meeting is set. VCAPCD is also currently reviewing the organization's "Drift Catcher" device intended to measure pesticide drift.

BARCT Review for Rules in Disadvantaged Communities:

VCAPCD staff prepared a draft BARCT rule development schedule to comply with this statutory requirement of AB 617 and conducted a public workshop on October 30, 2018. CARB had identified four affected facilities that are subject to AB 617 BARCT requirements; the facilities are operated by Procter and Gamble, New Indy Container, California Resources (Santa Clara Valley Gas Plant), and

Trinity ESC. District staff then evaluated which District rules are applicable to these facilities that may not meet BARCT requirements, including Rule 74.23, Stationary Gas Turbines; Rule 74.15, Boilers, Steam Generators and Process Heaters; Rule 71.3, Transfer of Reactive Organic Compound Liquids; and Rule 74.10, Components at Crude Oil and Natural Gas Production and Processing Facilities.

In addition, VCAPCD staff is proposing the development of a new rule to regulate the ozone precursor emissions from oilfield flares to address emissions from a nonemergency flare at the Santa Clara Valley Gas Plant. Staff is proposing to use BARCT benchmark rules mainly from the San Joaquin Valley Air Pollution Control District and the South Coast Air Quality Management District to determine the feasibility of adopting more stringent regulations. If adopted, these new BARCT requirements may impact any applicable emission source above and beyond the four AB 617 sources due to the District's need to adopt BARCT or "all feasible measures" as a nonattainment area for ozone under the California Clean Air Act.

On December 11, 2018, the AB 617 expedited BARCT Rulemaking Schedule was approved by the Ventura County Air Pollution Control Board. Under AB 617, BARCT is to be fully implemented on all affected sources no later than December 31, 2023.

A summary of the status of VCAPCD staff's work on the rules subject to expedited BARCT schedule is provided below:

Rule 74.23, Stationary Gas Turbines: VCAPCD staff has suggested adopting the BARCT limits recently proposed by South Coast Air Quality Management District (SCAQMD) Rule 1134, which are 2.5 ppmv of Nitrogen Oxides (NO<sub>x</sub>) and 5 ppmv of ammonia (NH<sub>3</sub>). Staff has scheduled a public workshop for July 25, 2019 to present the proposed emissions limits for Stationary Gas Turbines, which would require three turbines in the County to either be retrofitted or replaced. Estimated emissions reductions are about 107 tons of NO<sub>x</sub> per year, however, based on preliminary evaluations not all units are expected to meet the target emission limits due to cost effectiveness issues. VCAPCD staff is working to meet the proposed deadline of adopting Rule 74.23 amendments by December 1, 2019.

Rule 74.15, Boilers, Steam Generators, and Process Heaters: VCAPCD staff has been evaluating BARCT emission standards implemented by San Joaquin Valley Air Pollution Control District (SJVAPCD) Rule 4320 for larger boilers, steam generators and process heaters. Utilizing the current Board-approved cost

effectiveness (CE) methodology, and 1988 Board approved CE threshold (\$18,000/ton), none of the boilers in Ventura County will be subject to BARCT limits. This is due to boilers affected by Rule 74.15 being used, on average, at 15 percent of their maximum rated capacities. As such, staff is currently evaluating different cost effectiveness methodologies and cost effectiveness thresholds (\$/ton) used by other air districts such as SCAQMD. This rule is scheduled to go before the Board in 2020.

Rule 71.3, Transfer of Reactive Organic Compound Liquids: VCAPCD staff has been evaluating SJVAPCD Rule 4624 emission limits to reduce Reactive Organic Compounds (ROC) emissions from crude oil loading racks by increasing the destruction efficiency of vapor collection systems. Staff anticipates rule adoption before the proposed deadline of June 1, 2021.

New Rule for Oilfield Flares: VCAPCD staff has been evaluating SJVAPCD Rule 4311 to develop a new rule regulating emissions from flares. Staff anticipates rule adoption before the proposed deadline of August 1, 2022.

Rule 74.10, Components at Crude Oil and Natural Gas Production and Processing Facilities: VCAPCD staff has been evaluating SJVAPCD Rule 4409 and SCAQMD Rule 1173 to reduce ROC emissions from oilfield components such as valves, flanges, compressors, pumps, etc. Staff anticipates rule adoption before the proposed deadline of June 1, 2023.

Cost Effectiveness Determination: As mentioned in the Rule 74.15 summary, staff is reviewing the cost effectiveness (CE) methodology and CE threshold. Staff is looking into the Discounted Cash Flow (DCF) method used by SCAQMD, which measures the cost over the emissions reductions estimated for the duration of the life of control equipment while Ventura County Air Pollution Control District currently uses the Capital Recovery Method which estimates annual costs over a single year of calculated emission reductions. The two methods result in different cost-effectiveness results. Staff is also considering recommending inflation adjustment to the CE threshold adopted by the Board in 1988, which would additionally provide the District with greater flexibility in implementing rule amendments and achieving emission reductions.

#### VCAPCD Emission Inventory and Reporting Programs

The AB 617 Community Air Protection Program has annual criteria and toxic pollutant emissions reporting requirements that will apply to stationary sources. CARB has developed a statewide regulation for emissions reporting for this purpose, the "Regulation for the Reporting of Criteria Air Pollutants and Toxic

Air Contaminants,” or CTR Regulation. The CTR Regulation was adopted by the CARB Board in December 2018.

CTR Regulation emissions reporting applicability is based on three criteria: (1) facilities that are subject to the statewide Greenhouse Gas Mandatory Reporting Rule ; (2) facilities with permitted emissions  $\geq$  250 tons/year of nonattainment/precursor pollutants; and (3) “high priority” facilities with certain levels of toxic emissions or health risks. Emissions reporting will begin with 2019 calendar year data reported in 2020. CARB is proposing extensive revisions to the regulation which would greatly expand emissions reporting requirements to a large number of additional small emission sources encompassing almost every locally permitted facility statewide. This expansion of the regulation will have a significant impact on the emission inventory workload at VCAPCD.

VCAPCD staff participates in the CAPCOA AB 617 Emissions Reporting Workgroup formed in December 2017 to interpret the complex and intricate emissions inventory reporting requirements of the AB 617 CTR Regulation and to determine how to implement them on a statewide basis. There have been a series of Workgroup conference calls beginning in December 2017 and several in-person meetings with CARB staff at the District for this purpose. VCAPCD staff has attended several CTR Regulation implementation workshops. Since early 2018, we have provided extensive comments on the details of the applicability and implementation of several iterations of the proposed CTR Regulation to both the CAPCOA Workgroup and CARB. We also have performed extensive analysis of our existing emission inventory and provided information to CARB in response to several data requests.

The CTR Regulation will require considerable improvements in our criteria and toxic pollutant emissions inventory with respect to data quality and level of detail reported. Work on these improvements already has begun. A substantial amount of effort in particular has gone into development of the toxics emissions inventory for AB 617 CTR Regulation emissions reporting. The toxics emissions inventory also will be utilized for the requirements of the AB 2588 Toxics Hot Spots program.

In addition to emission inventory reporting, AB 617 has rule development requirements to implement Best Achievable Retrofit Control Technology (BARCT). This has necessitated an assessment of emissions that could be subject to revised district rules to implement BARCT for turbines, boilers, loading racks, flares and other emission sources.

VCAPCD Incentive Programs in Disadvantaged Communities:

From the AB 617 perspective, the main focus of the VCAPCD's Incentive Programs which include the Carl Moyer, FARMER and Community Air Protection (CAP) programs has been to achieve emission reductions of diesel particulate. As noted above, the Oxnard region scored poorly with respect to asthma rates in CalEnviroScreen 3.0 and this finding corresponded with information staff obtained from the Ventura County Public Health Department. The CalEnviroScreen 3.0 Report notes a link between diesel particulate and the exacerbation of asthma symptoms in asthmatic children.

On December 11, 2018, the Ventura County Air Pollution Control Board approved \$1,192,602 in funding from the FARMER program for projects in Ventura County. The funding was allocated as follows: 73 percent was provided for projects in communities classified as both disadvantaged and low income while the remaining 27 percent was allocated to projects in low income communities. These projects will achieve emission reductions of 17.5 tons per year of ozone precursors and 1.1 tons per year of diesel particulate.

Also, on December 11, 2018, the Ventura County Air Pollution Control Board approved \$624,050 in funding from the CAP Program for emission reduction projects. The funding was allocated as follows: 94 percent was provided for projects in communities classified as both disadvantaged and low income while the remaining 6 percent was allocated to projects in low income communities. These projects will achieve emission reductions of 4.9 tons per year of ozone precursors and 0.3 tons per year of diesel particulate.

On June 11, 2019, VCAPCD staff conducted a public workshop to solicit input for the upcoming cycle of our Carl Moyer, FARMER and CAP programs. The workshop was conducted at the main Oxnard Public Library during the evening. The main community concern was diesel trucks in their neighborhoods. This is consistent with VCAPCD staff's approach of focusing on projects that reduce diesel particulate in these communities. The community was pleased with staff's focus on diesel particulate. Staff advised the community that we would be also be soliciting advanced technology projects that would reduce diesel particulate, ozone precursors and greenhouse gases.

**IV. Summary of Work Completed Since the Last Progress Report**

Not applicable – this is the initial Annual Report



**Grant Funds Remaining and Expended**

See Attachment 2

**V. Expenditure Summary – Community Air Protection Implementation Funds**

See Attachment 3

VCAPCD Staff Contacts:

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**ii. Report costs associated with specific tasks**

**SUPERVISING AIR QUALITY SPECIALIST**

**AB 617 Costs:                    434.50 hrs    \$ 31,045.00**  
**Travel         \$     84.00**

CAPCOA AB 617 Emissions Reporting Workgroup teleconference call - Dec 21, 2017.  
Review AB 617 emissions facility emissions reporting applicability - Jan/Feb 2018.  
CAPCOA AB 617 Emissions Reporting Workgroup teleconference call - Jan 9, 2018.  
Investigate AB 617 reporting facility toxic emissions - Jan through May 2018.  
Responses to CARB AB 617 Emission Inventory Development Discussion Questions - Jan 2018.  
AB 617 Community Air Protection Program conference call - Jan 30, 2018.  
CARB meeting at District to discuss AB 617 emissions reporting requirements - Feb 1, 2018.  
CAPCOA AB 617 Emissions Reporting Workgroup teleconference call - Feb 15, 2018.  
AB 617 Community Air Protection Program webinar - Mar 22, 2018.  
Review and provide comments on discussion draft of CARB proposed regulation to implement AB 617 emissions reporting requirements – March/April  
CAPCOA AB 617 Emissions Reporting Workgroup teleconference call - Mar 23, 2018.  
Provide responses to CARB’s information request dated April 3, 2018 regarding AB 2588 program facility categorization - Apr 2018.  
Provide comments on CARB AB 617 emissions reporting workshop presentation and proposed reporting regulation - May 2018.  
CARB AB 617 emissions reporting and proposed reporting regulation workshop webcast - May 30, 2018.  
Review revised CARB emissions reporting regulation - July 2018.  
CAPCOA AB 617 Emissions Reporting Workgroup teleconference call - July 17, 2018.  
CARB AB 617 emissions reporting and proposed reporting regulation workshop webcast - July 30, 2018.  
Review CAPCOA AB 617 Scope of Work document - August 2018.  
AB 617 BARCT facilities district staff meeting - Aug 16, 2018.  
CARB meeting at District to discuss AB 617 emissions reporting requirements - Sep 10, 2018.  
Integration of toxics emissions into criteria emissions inventory for AB 617 emissions reporting - Sep 2018.  
8/26/2018 – 4/30/2019:  
CARB meeting at District to discuss AB 617 emissions reporting requirements - Sep 10, 2018, Mar 27, 2019.  
CARB AB 617 workshops Mar 5, 2019, Mar 12, 2019.  
CAPCOA AB 617 Emissions Reporting Workgroup teleconference call – Sep 20, 2018, Feb 26, 2019, Apr 24, 2019.  
CAPCOA and Districts conference call Apr 8, 2019  
Review CARB’s proposed CTR Regulation for requirements and facilities that would be subject to emissions reporting.  
Comments on CTR Regulation provided to CAPCOA/CARB.  
Development and integration of toxics emissions into criteria emissions inventory for AB 617 CTR emissions reporting.  
Assessment of emissions that could be subject to revised district rules for turbines, boilers, loading racks and flares.  
BARCT rule development workshop Oct 30, 2018.  
Travel expenditure - 4/10/19

**MANAGER, PLANNING & RULES**

**AB 617 Hours:                    393.40 hrs    \$ 34,136.00**

Participated in workgroup conference calls and submitted comments on AB 617 reporting requirements. May - September 2018.  
Attended AB 617 CARB’s serious of public workshops on AB 617 proposed emissions reporting regulation. May/June 2018.  
Attended AB 617 Ventura County public workshops– April 2018 & June 2018  
Reviewed CARB Mapping Tool emissions data for Ventura County facilities and provide comments to CARB. May/June 2018.  
Continue to investigate applicability of AB 617 reporting to facilities based on toxics criteria. May - September 2018.  
Developing toxics emissions for existing population of criteria pollutant devices and processes for 2018 reporting year. September 2018.  
8/26/2018 – 4/30/2019:  
Reviewed the CTR regulation  
Provided comments to the CTR regulation  
Participated in working group meetings, public meetings and workshops  
Met with CARB staff to discuss the CTR requirements  
Reviewed staff work on BARCT rule development  
Oversight and review of all tasks involved in BARCT

**AIR POLLUTION CONTROL OFFICER**

**AB 617 Hours:                    226.90 hrs    \$ 32,481.00**

AB 617 Inventory (District staff) – 1/31/18  
AB 617 Inventory (CARB staff) – 2/1/18

AB 617 Meeting (Central Coast Alliance United for a Sustainable Economy (CAUSE) – 2/8/18  
 Ventura County Air Pollution Control Board (New Legislation) – 2/13/18  
 AB 617 CARB Incentive Webcast – 2/21/18  
 AB 617 Implementation (District staff) – 3/19/18  
 AB 617 Implementation (CAPCOA/Industry) – 4/12/18  
 AB 617 District Public Workshop – 4/19/18  
 Conf. Call CAP Incentive Funds (CAPCOA) – 5/1/18  
 Ventura County Air Pollution Control Board (CAP funds) – 5/8/18  
 AB 617 Outreach (Oxnard Inter-Neighborhood Council) – 5/9/18  
 CAPCOA Spring Conference (AB 617 Presentations) – 5/16/18  
 AB 617 Outreach (Oxnard Inter-Neighborhood Council) – 6/6/18  
 AB 617 Conf. Call (Aera Energy) – 6/12/18  
 Ventura County Air Pollution Control Board (AB 617 update)  
 AB 617 District Public Workshop – 6/20/18  
 Ventura County Air Pollution Control Board (community recommendation) – 7/31/18  
 AB 617 Inventory (District staff) – 8/21/18  
 AB 617 BARCT Schedule (District staff) – 8/23/18

A significant amount of time was utilized preparing materials for the two public workshops and the three Air Pollution Control Board meetings. Time was also spent preparing the 4/27/18 initial submittal to CARB, and the 7/31/18 submittal on the community recommendation. Also, spent some hours working on meetings prior to 4/16/18 and preparing for the first public workshop.

8/26/2018 – 4/30/2019:

The AB 617 BARCT Rule schedule including meetings on the rules and preparing Board materials  
 Developing new policies for our incentive programs to facilitate emission reduction projects in disadvantaged communities  
 Planning for our AB 617 workshop for our incentive programs scheduled for June 11, 2019  
 Attending CAPCOA Board meetings re: AB 617 issues/programs

**MONITORING MANAGER**

<b>AB 617 Hours:</b>	<b>6 hrs</b>	<b>\$ 523.00</b>
	<b>Travel</b>	<b>\$ 200.00</b>

Attended CAPCOA Symposium on March 7-8, significant amount of time was dedicated for AB 617 discussion  
 Travel expenditure, March 2018

**AQ ENGINEER**

<b>AB 617 Hours:</b>	<b>37.5 hrs</b>	<b>\$ 2,513.00</b>
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Board letter and resolution preparation, participation in conference calls and meetings,  
 reviewed projects, conducted field work and responded to inquiries, April-September 2018

**AQ SPECIALIST**

<b>AB 617 Hours:</b>	<b>1,394.50 hrs</b>	<b>\$ 91,437.00</b>
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Toxic Emission Inventories for Facilities that will be included in AB617, September 2018  
 8/26/2018 – 4/30/2019:

Research Toxic Emission Factors from other Districts.  
 Create facilities in HARP2 – EIM (Emission Inventory Module).  
 Calculate Toxic Emissions based on processes from facilities.  
 Create toxic emissions factors and toxic emissions from unique facilities.  
 Import those toxic emissions into HARP2-EIM.

**OFFICE SYSTEMS COORDINATOR**

<b>AB 617 Hours:</b>	<b>3 hrs</b>	<b>\$ 185.00</b>
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Information Systems support, June 2018

**MANAGEMENT ASSISTANT**

<b>AB 617 Hours:</b>	<b>3 hrs</b>	<b>\$ 108.00</b>
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Administrative support, June 2018

**AQ ENGINEER**



**v. Grant Funds remaining and expended**

<b>Grant Amount</b>	<b>\$ 207,526.00</b>
<b>First Disbursement, October 2018</b>	<b>(53,700.00)</b>
<b>Second Disbursement request (through April 30, 2019), June 2019</b>	<b><u>(153,826.00)</u></b>
<b>Remaining balance</b>	<b>\$0.00</b>

vi. Expenditure summary showing all Community Air Protection Program Implementation Funds for which reimbursement is being requested

**AB 617 COMMUNITY AIR PROTECTION PROGRAM  
SUMMARY OF EXPENDITURES: LABOR AND OTHER COSTS  
FY 2017-18 - FIRST DISBURSEMENT REQUEST**

	Salary Rates by Classification	Labor Hours	Salary Costs	Fringe	Total
AIR POLLUTION CONTROL OFFICER	109.78	181.5	\$ 19,926.00	\$ 5,978.00	\$ 25,904.00
MANAGER, PLANNING & RULES	66.96	41.5	2,779.00	834.00	3,613.00
MANAGER, MONITORING	66.97	6	402.00	121.00	523.00
AQ ENGINEER II	51.55	37.5	1,933.00	580.00	2,513.00
SUPERVISING AQ SPECIALIST	54.60	243.5	13,295.00	3,989.00	17,284.00
AQ SPECIALIST II	49.37	52.5	2,592.00	778.00	3,370.00
OFFICE SYSTEMS COORDINATOR III	47.38	3	142.00	43.00	185.00
MANAGEMENT ASSISTANT IV-C	27.79	3	83.00	25.00	108.00
		568.5	41,152.00	12,348.00	53,500.00
TRAVEL EXPENDITURES					200.00
<b>TOTAL AB 617 EXPENDITURES - FIRST DISBURSEMENT REQUEST</b>					<b>\$ 53,700.00 A</b>

**AB 617 COMMUNITY AIR PROTECTION PROGRAM  
SUMMARY OF EXPENDITURES: LABOR AND OTHER COSTS  
FY 2017-18 - SECOND DISBURSEMENT REQUEST**

	Salary Rates by Classification	Labor Hours	Salary Costs	Fringe	Total
AIR POLLUTION CONTROL OFFICER	\$ 111.43	45.4	5,059.00	1,518.00	6,577.00
MANAGER, PLANNING & RULES	66.72	351.9	23,479.00	7,044.00	30,523.00
AQ ENGINEER	50.08	0.0	-	-	-
AQ ENGINEER	50.08	80.0	4,006.00	1,202.00	5,208.00
AQ ENGINEER	50.08	323.0	16,176.00	4,853.00	21,029.00
SUPERVISING AQ SPECIALIST	55.42	191.0	10,585.00	3,176.00	13,761.00
AQ SPECIALIST II	50.48	1342.0	67,744.00	20,323.00	88,067.00
FISCAL OFFICER	58.78	8.0	470.00	141.00	611.00
FISCAL ASSISTANT IV	29.60	10.0	296.00	89.00	385.00
		2,351.30	127,815.00	38,346.00	166,161.00
TRAVEL EXPENDITURES 4/10/19 BALLARD					84.00
FIRST OUTREACH MEETING-OXNARD PERFORMING ARTS 6/20/18					105.00
TOTAL					166,350.00
Less - expenditures over the grant amount					(12,524.00)
<b>TOTAL AB 617 EXPENDITURES - SECOND DISBURSEMENT REQUEST</b>					<b>\$ 153,826.00 B</b>
<b>GRANT TOTAL DISBURSEMENT REQUEST</b>					<b>\$ 207,526.00 A+B</b>