

# ATTACHMENT A

## SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

**Rule 317 Fee Equivalency Account (FEA)**  
**Fee Assessment Year (FAY) 2020 Reconciliation Report [CY 2019 Activity]**  
**for the**  
**South Coast Air Basin (SCAB)**

Dated: July 12, 2023

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**TABLE OF CONTENTS**

**EXECUTIVE SUMMARY ..... 1**

**INTRODUCTION..... 2**

**Clean Air Act Section 185 - Major Source Fees..... 2**

**Fee Equivalency Program..... 2**

**Equivalency Determinations..... 3**

**REPORTING REQUIREMENTS ..... 3**

**FEE EQUIVALENCY ACCOUNT ..... 4**

**FEA Credits..... 4**

**Funding Sources for CY 2019..... 5**

**FEA Debits ..... 9**

**EQUIVALENCY DEMONSTRATIONS ..... 11**

**The Annual Determination of Equivalency (ADE)..... 11**

**The Annual Preliminary Determination of Equivalency (APDE) ..... 12**

**RECONCILIATION AND COMPLIANCE DEMONSTRATION..... 12**

**APPENDICES**

APPENDIX A - SCAB CY 2019 CREDITS

APPENDIX B - SCAB CY 2019 DEBITS

APPENDIX C – CPIF VALUES

**EXECUTIVE SUMMARY**

This 2020 Fee Assessment Year (FAY) reconciliation report summarizes the Rule 317 Fee Equivalency Account (FEA) for the South Coast Air Basin (SCAB) for Calendar Year (CY) 2019. The Rule 317 FEA was established to offset fees otherwise due under Section 185 of the Clean Air Act, which requires major sources in severe or extreme 1-hour ozone non-attainment areas to pay a fee in the years following a missed attainment deadline. The SCAB and the Coachella Valley portion of the Salton Sea Air Basin (SSAB) located in the South Coast Air Quality Management District (South Coast AQMD) were classified as extreme and severe non-attainment areas for the 1-hour ozone standard, respectively. The Coachella Valley attained the 1-hour ozone standard in 2013 but the SCAB is still subject to the Rule 317 requirements, including the FEA reconciliation report. Credits and fees (debit charges) to the FEA for the SCAB have been separately calculated, as required, for the purpose of this fee equivalency reconciliation report.

For the SCAB in CY 2019, the Section 185 fee obligation incurred by the 399 major stationary sources subject to this requirement was approximately \$42 million. This obligation was offset by \$106.6 million in qualified credits generated from various incentive-funded programs and projects, resulting in a surplus balance of approximately \$64.5 million. The SCAB also complies with the Annual Preliminary Demonstration of Equivalency for CY 2020. The remaining credit balance of \$64.5 million alone from CY 2019 is greater than the estimated debit amount of approximately \$46.3 million in CY 2020, which was calculated based on 110% of the CY 2019 debit. In addition, there are also over \$817 million of unused credits from prior years that are conservatively excluded from this year's FEA because some of the credits may be associated with the 1-hour ozone standard SIP measures.

## INTRODUCTION<sup>1</sup>

### **Clean Air Act Section 185 - Major Source Fees**

Section 185 of the Clean Air Act (CAA) requires air quality jurisdictions that fail to attain the federal ozone standard by the applicable attainment date to implement a fee program for major stationary sources. Fees must be paid annually until the air jurisdiction is in attainment. Alternatively, Section 172(e) of the CAA allows air jurisdictions to implement a fee equivalency program in lieu of paying those fees.

South Coast AQMD has two distinct air basins, the SSAB (Coachella Valley portion of the Salton Sea Air Basin) and the SCAB (South Coast Air Basin). Attainment deadlines for the 1-hour ozone standard<sup>2</sup> were initially set for December 31, 2007 for the SSAB (severe non-attainment) and December 31, 2010 for the SCAB (extreme non-attainment). After the 1-hour ozone standard was revoked in 2005, the U.S. EPA set a new attainment deadline of February 6, 2023 for the 1-hour ozone standard for the SCAB. With the SSAB having attained the 1-hour ozone standard in 2013, the SCAB is the only air basin that is still subject to the 185 fee assessments in the South Coast AQMD. The pollutant (NO<sub>x</sub>, VOC) threshold for major sources in the SCAB is greater than or equal to 10 tons per year (TPY) in Potential-To-Emit (PTE).

### **Fee Equivalency Program**

Rule 317, as amended on February 4, 2011, and approved as a revision to the California State Implementation Plan by U. S. EPA on December 14, 2012, provides the framework for implementing an alternate, fee equivalent program, as authorized under CAA Section 172(e) for the 1-hour ozone standard.

Rule 317 requires the Executive Officer (EO) to establish and maintain a Section 172(e) fee equivalency account (FEA) for which a reconciliation report is generated and submitted annually to both the California Air Resources Board (CARB) and the U.S. EPA. The FEA tracks expenditures from qualified programs and uses them as credits to offset any Section 185 non-attainment fee obligations incurred by major stationary sources (debits) in a given calendar year.

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<sup>1</sup> This report consolidates and summarizes information regarding the FAY 2020 Rule 317 FEA Reconciliation Report (for Rule 317 pollutant emissions in CY 2019).

<sup>2</sup>Notwithstanding subsequent revocation of the 1-hour ozone standard, compliance with the 1-hour standard must still be demonstrated for the purposes of Section 185 requirements.

### Equivalency Determinations

For each year, the EO must complete an equivalency demonstration to show that the FEA has adequate funding from the previous year to meet the Section 185 fee obligation. Additionally, on an annual basis, the EO must complete a Preliminary Determination of Equivalency to show that adequate funding is expected to be available in the FEA to offset the estimated Section 185 fee obligation for the following year. Adequate funding is defined pursuant to Rule 317(c)(4) as a minimum mandatory FEA balance sufficient to cover the anticipated fee obligation in the upcoming CY. This minimum mandatory balance is calculated as an amount that is 10% more than the prior assessment year debit total. If either of these fee equivalency demonstrations fails, then Rule 317 backstop rulemaking measures are triggered.<sup>3</sup>

### REPORTING REQUIREMENTS

Rule 317 contains specific reporting requirements with respect to the FEA. Table 1 summarizes these requirements and references where the supporting information and related discussion can be found in this report.

**Table 1 - Reporting Requirements and Reconciliation Report References**

Item	Reporting Requirement	Reference
1.	A listing of programs, and associated expenditures that were credited into the fee equivalency account during the prior calendar year. [317(c)(5)(E)]	<ul style="list-style-type: none"> <li>●Report: Pages 4 thru 9, and Table 2</li> <li>●Appendix A</li> </ul>
2.	The Section 172 (e) SCAB FEA beginning balance. [317(c)(5)(C)].	<ul style="list-style-type: none"> <li>●Report: Table 4</li> </ul>
3.	The amount of any surplus funding carried over to the subsequent calendar year. [317(c)(5)(D)]	<ul style="list-style-type: none"> <li>●Report: Table 4</li> </ul>
4.	A listing of all facilities in the SCAB subject to Section 185 and their calculated prior calendar year fee obligation. [317(c)(5)(A)].	<ul style="list-style-type: none"> <li>●Appendix B</li> </ul>
5.	The aggregate amount of prior calendar year CAA Non-Attainment (Section 185) fees obligation calculated pursuant to Rule 317 paragraph (c)(2). [317(c)(5)(B)].	<ul style="list-style-type: none"> <li>●Report: Table 3</li> </ul>

<sup>3</sup> Although not a requirement of Rule 317, the vast majority of funding programs described in this report prioritize emissions reductions in and benefits to Environmental Justice (EJ) communities. Many of the included projects are specifically directed towards reducing emissions in EJ communities and these funding programs are consistent with regional attainment goals for both ozone and PM2.5 as described in the 2022 and 2016 Air Quality Management Plans and their associated Socioeconomic Reports. It is also important to note that any strategy that reduces NOx and VOC in the SCAB will provide an overall air quality and public health benefit to disadvantaged communities more than non-disadvantaged communities.

Item	Reporting Requirement	Reference
6.	The results of the equivalency demonstration and preliminary determination of equivalency conducted pursuant to Rule 317 paragraphs (c)(3) and (c)(4). [317(c)(5)(F)]	●Report: Table 4

## **FEE EQUIVALENCY ACCOUNT**

This 2020 FAY reconciliation report for the Rule 317 Fee Equivalency Account (FEA), or the 2020 FEA report, covers the CY 2019 account activity.

### **FEA Credits**

Rule 317 provides that the FEA shall be credited with expenditures in prior years from qualified programs that satisfy the following criteria:

1. The expenditures were surplus to the State Implementation Program for the federal 1-hour ozone standard and have been approved by the Executive Officer of the South Coast AQMD, Executive Officer of CARB, and the Administrator or Regional Administrator of U.S. EPA Region IX as being surplus to the SIP;
2. The expenditures were designed to result or have resulted in direct VOC or NO<sub>x</sub> reductions in the South Coast AQMD; or have facilitated VOC or NO<sub>x</sub> reductions in the South Coast AQMD through vehicle/engine fueling infrastructure or advanced technology development and demonstration efforts for implementation within the next 10 years, or other uses approved by EPA;
3. The expenditures were for projects that occurred in calendar years 2009 and thereafter; and
4. The FEA credits were for monies expended (not budgeted) from qualified programs during the calendar year in which the credit is applied to the FEA.

Expenditures that qualify as credits to the FEA need not actually be held nor disbursed directly by the South Coast AQMD, provided the underlying programs have been approved by CARB and the U.S. EPA and are tracked pursuant to subdivision (c) of the rule. Expenditures used as credits for the FEA are accounted for on a dollar-for-dollar basis and do not have to be discounted due to the passage of time. Furthermore, credits accumulate in the FEA from year to year if a surplus exists in any given year such that the surplus can be used to offset future debits to the FEA as needed. All of the credited projects in this report meet the four criteria listed above (see Appendix A for details).

### **Funding Sources for CY 2019**

Expenditures that qualify as credits to the FEA for the SCAB were identified by analyzing special funds South Coast AQMD has established to support various programs for emission reduction purposes that are surplus to the 1-hour ozone standard SIP.

Qualified expenditures made in CY 2019 are described below from South Coast AQMD funds.

#### *Fund 17 (Advanced Technology, Outreach and Education Fund)*

Fund 17 has been created to fund South Coast AQMD-sponsored research and development projects for cleaner burning fuels and other advanced technologies as well as public outreach and education related to advanced technology and air pollution and its impacts. The funding is provided from various sources including U.S. EPA's Diesel Emission Reduction Act (DERA) and Targeted Airshed Program grants.

#### *AB 2766: Fund 22 (Local Government and Discretionary Fund) and Fund 23 (Mobile Source Air Pollution Reduction Review Committee [MSRC])*

AB 2766 provides for the collection of an additional \$4 in motor vehicle registration fees to fund various air pollution control efforts. Each dollar collected is disbursed as follows:

- 30 cents - used by the South Coast AQMD for programs to reduce air pollution from motor vehicles. Although the funding is also used to support programs to carry out planning, monitoring, enforcement, and technical studies that are authorized by, or necessary to implement, the California Clean Air Act, the expenditures from these programs are not included in the Rule 317 fee equivalency account unless it results in direct VOC or NO<sub>x</sub> reductions or facilitates future VOC or NO<sub>x</sub> reductions.
- 40 cents - distributed on a quarterly basis by the South Coast AQMD to cities and counties located in the South Coast District, based on their percentage of population, to be used to reduce motor vehicle air pollution. For example, funds have been used for the purchase of alternative fueled vehicles including electric powered vehicles; alternative fueling infrastructure such as propane, CNG and hydrogen fueling; mass transit projects including fare discounts to increase ridership; increased ride share participation; and projects supporting/promoting bike trails and pedestrian traffic.
- 30 cents - deposited by the South Coast AQMD into a "Discretionary Fund" for use by the MSRC<sup>4</sup> in implementing or monitoring programs to reduce motor vehicle air pollution.

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<sup>4</sup> <http://www.cleantransportationfunding.org/>

*Fund 31 (Clean Fuels Fund)*

The Clean Fuels Fund was created as a special revenue fund resulting from the state-mandated Clean Fuels Program under Health and Safety Code Sections 40448.5 and 40512. The Clean Fuels Program established mechanisms to collect revenues from mobile sources to support projects to increase the use of clean fuels and technologies. It utilizes public-private partnerships to leverage public funds with outside investment in a ratio of about \$3-\$4 of outside funding to every dollar of the Clean Fuels Fund. Funding credited in the Rule 317 fee equivalency account do not include any of the leveraged funding from outside entities that are not held or disbursed directly by the South Coast AQMD. Projects in CY 2019 included, but were not limited to, continued development and demonstration of fuel cell technologies and infrastructure; further development and demonstration of plug-in hybrid and battery electric vehicle technologies and infrastructure, with an emphasis on zero-emission goods movement technologies; and continued demonstration of emission control technologies to reduce NOx and PM emissions from heavy-duty diesel vehicles.<sup>5</sup>

*Fund 33 (Lower Emission School Bus Program)*

The Lower-Emission School Bus Program provides funding for the replacement and retrofit of high-emitting diesel-fueled school buses. The primary goal of this program is to reduce school children's exposure to both cancer-causing and smog-forming pollution. In 2001, South Coast AQMD established Fund 33 and has since awarded over \$300 million through the program and replaced/retrofitted over 5,200 school buses.<sup>6</sup>

*Fund 56 (HEROS II Special Revenue Fund - Enhanced Fleet Modernization Program)*

Since 2015, South Coast AQMD has been implementing the Enhanced Fleet Modernization Program (EFMP), which is also known as the Replace Your Ride Program. The Program provides incentives to lower income motorists to scrap and replace their older, high-emitting vehicles with newer, cleaner models or utilize other clean transportation options. Higher incentive amounts are provided for residents in a disadvantaged community zip code. Since its inception, the Program has provided \$48 million in EFMP funding for the replacement of over 6,000 older passenger vehicles with newer and more fuel-efficient vehicles including plug-in hybrid electric vehicles and zero emission vehicles. This program is primarily funded by the CARB AB 118 fund with supplemental funding from Fund 23 and Fund 31.<sup>7</sup>

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<sup>5</sup> <http://www.aqmd.gov/docs/default-source/technology-research/annual-reports-and-plan-updates/2019-annual-report-2020-plan-update.pdf>

<sup>6</sup> <http://www.aqmd.gov/home/programs/business/lower-emission-school-bus-program>

<sup>7</sup> <https://xappprod.aqmd.gov/RYR/Home>



*Fund 61 (Advanced Technology Goods Movement Fund)*

The development and demonstration of zero emissions technologies for goods movement is one of the South Coast AQMD's top strategies to transition the region to the broad use of zero and near-zero emission technologies and to attain federal air quality standards. The Advanced Technology Goods Movement Fund was established in 2012 with a grant of \$4.2 million from the Department of Energy (DOE) to demonstrate zero emission drayage truck technologies, which operate mostly in good movement corridors, including the ports and railyards, that are located within or adjacent to disadvantaged communities. The development and commercialization of zero emission drayage trucks would provide considerable air quality and public health benefits to these communities that are disproportionately impacted by harmful diesel emissions. Since 2012, South Coast AQMD has received additional grants and funding support from state and federal agencies including DOE, U.S. EPA, and the California Energy Commission (CEC) as well as regional partners to support on-going development and demonstration of various zero emission or zero emission capable drayage trucks (i.e., battery electric, fuel cell, and plug-in hybrid electric drivetrains as well as overhead catenary system). Similar to Fund 31 projects, these demonstration projects leveraged outside funding from both private and public partnerships as cost-share funds, however, this report does not include the leveraged funds in the fee equivalency accounting unless the funds were held or disbursed directly by the South Coast AQMD.

*Fund 63 (Hydrogen Fueling Infrastructure Network Fund)*

The Hydrogen Fueling Infrastructure Network Fund was established in 2014 to receive state and federal grants earmarked for hydrogen infrastructure upgrades to support the deployment of fuel cell vehicles.

*Fund 67 (GHG Reduction Project Special Revenue Fund)*

The GHG Reduction Project Special Revenue Fund was established in 2016 to account for the projects funded by CARB's Low Carbon Transportation Green House Gas Reduction Fund Investments. The Low Carbon Transportation Program provides incentives to reduce greenhouse gases, criteria air pollutants and toxic emissions through the development and deployment of advanced technologies and clean transportation in both light-duty and heavy-duty mobile sectors. Leveraging this fund with other funds including private funding sources, the South Coast AQMD support a variety of advanced technology demonstration projects, including fuel cell and battery electric vehicles and equipment technologies. As noted under Fund 31 and Fund 63, the leveraged funding from outside entities are not included in the fee equivalency accounting unless the funds were held or disbursed directly by the South Coast AQMD.

### Fund 77 (Community Air Protection Program Fund)

AB 617 directs CARB, in conjunction with local air districts to establish the Community Air Protection Program (CAPP) which provides a community-focused framework to improve air quality and reduce exposure to criteria air pollutants and toxic air contaminants (TACs) in the communities most impacted by air pollution.<sup>8</sup> The CAPP includes a variety of strategies to address air quality issues in the impacted communities, including community-level monitoring, uniform emission reporting across the State, stronger regulation of pollution sources, and incentives for both mobile and stationary sources. Fund 77 was created in 2018 to receive funding from CARB for the implementation of projects in communities most impacted by the cumulative pollution burden, with a focus on vehicles, equipment and infrastructure that operate in AB 617 disadvantaged communities.

#### *Other Funds*

There are additional Funds that may be eligible for the FEA, at least partially, including Fund 32 (Carl Moyer Incentives Program – SB 1107), Fund 59 (Voucher Incentive Program), Fund 80 (Carl Moyer Incentives Program – AB 923), and Fund 81 (Prop 1B Goods Movement). These Funds are excluded in this report since they are mostly funded by the Carl Moyer Program (Moyer) or Prop 1B Goods Movement Program (Prop 1B) which were the funding sources for some of the incentive-based control measures for the 1-hour ozone standard in the 2016 AQMP. Although the current funding levels, especially for the Moyer program, are likely to exceed the estimated funding amounts in the control measures, as a conservative approach these expenditures are excluded in their entirety until the surplus portion can be clearly identified. It is important to note that starting in January 2019, the funding for Moyer increased significantly due to AB 1274 (O'Donnell) which extended the smog check exemption by two years generating additional smog abatement fee revenues for this program. South Coast AQMD's Moyer allocation nearly doubled in size enabling additional surplus projects to be funded.

Table 2 provides the list of funds and associated dollar amounts credited to the FEA for CY 2019. A breakdown of the specific expenditures made from each fund is provided in Appendix A.

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<sup>8</sup> [www.aqmd.gov/ab617](http://www.aqmd.gov/ab617)

**Table 2 – Summary of CY 2019 Credits to the FEA by Funding Source**

<b>FUND</b>	<b>Credit Amount (See Appendix A for additional details)</b>
17 (Advanced Technology, Outreach and Education)	\$588,879
22 (AB 2766 Local Government & Discretionary)	\$17,883,540
23 (AB 2766 MSRC)	\$13,020,280
31 (Clean Fuels)	\$10,082,883
33 (Lower Emission School Bus Program)	\$180,040
56 (Enhanced Fleet Modernization Program)	\$17,289,509
61 (Advanced Technology Goods Movement)	\$5,313,898
63 (Hydrogen Fueling Infrastructure Network)	\$2,669,000
67 (GHG Reduction Project Special Revenue)	\$8,649,239
77 (Community Air Protection Program)	\$30,895,952
<b>TOTAL CY 2019 CREDITS TO FEA</b>	<b>\$106,573,220</b>

**FEA Debits***Step 1: Identification of Major Sources*

To establish the amount of Section 185 fee obligations, the South Coast AQMD staff first identified the major sources subject to the fee in CY 2019. This identification was made based on

a review of prior Rule 317 reports, emissions reports filed with the South Coast AQMD, and applicable permitting information.

For the SCAB, in CY 2019, a total of 399 major sources were identified and determined to be subject to the Section 185 fee obligation, a net decrease of eleven sources from the 410 major sources that were subject to Rule 317 in CY 2018. These major sources are listed in Appendix B.

*Step 2: Calculation of the Section 185 Fee Obligation*

The FEA is debited by the aggregate annual charge for all potential Section 185 fee obligations for all major sources subject to Rule 317. The annual charge for each source is computed as follows:

$$\text{Annual CAA Non-Attainment Fee} = \$5,000 \times \text{CPIF} \times [ A - ( 0.8 \times B ) ]$$

where:

- A** is the total amount of emissions emitted during the applicable fee assessment year for pollutants included in B, in tons. If A is less than or equal to 80% of B; then there shall be no annual CAA non-attainment fee assessed for the pollutant in the subject year.
- B** is Baseline Emissions, of VOC, NOx or both for which a source qualifies as a major stationary source as defined in Rule 317, in tons. The Baseline NOx, VOC or both where applicable is computed, for a source, based on the date of initial operation/emissions and the Basin in which the source is located.
- CPIF** is the annual Consumer Price Index (CPI) adjustment factor which is equivalent to the cumulative increase in the CPI beginning with the 1989 change in the index up to and including the change in the year prior to the year for which the fees are due. For any calendar year the CPI is the average of the CPI for all-urban consumers published by the Department of Labor, as of the close of the 12-month period ending on August 31 of each calendar year or the revision of the CPI which is most consistent with the CPI for calendar year 1989 in accordance with Sections 502(b)(3)(B)(v) and 185(b)(3) of the CAA. Section 185 cross-references the methodology in section 502(b)(3)(B)(v) of the CAA. This method has been interpreted for use in determining permit fees in a 1992 EPA memorandum. (See, EPA Memorandum of October 15, 1992, from Frank Bunyard, "Calculating Fees for Operating Permits." EPA has used this method to calculate the Part 70 permit fee rate since 1990, and will continue to update the rate every year in September, when the August values are available.

Appendix C provides details regarding the CY 2019 Rule 317 fee rate. For CY 2019 emissions, the Section 185 fee rate was determined to be \$10,276.67/ton (applicable to emissions in excess of source allowances for both NOx and VOC). This fee is up 2.2% from the CY 2018 fee rate of \$10,050.67/ton based on a cost of living adjustment performed by the U.S. EPA.

The aggregate CY 2019 Section 185 fee obligation for major sources in the SCAB is shown in Table 3. Detailed supporting information is provided in Appendix B.

**Table 3 - CY 2019 Section 185 Fee Obligations (debits)**

DEBITS	Total Amount (\$)
TOTAL CY 2019 DEBITS FROM FEA	\$42,098,584

### EQUIVALENCY DEMONSTRATIONS

Pursuant to Rule 317(c)(5), the Executive Officer (EO) is required to complete two separate demonstrations to confirm that there are sufficient credits to offset debit obligations. The first demonstration, the Annual Determination of Equivalency, is performed for the calendar year in which emissions occurred. The second demonstration, the Annual Preliminary Determination of Equivalency, looks at the sufficiency of credits available to cover anticipated debits in the subsequent calendar year.

Should the results of either the Annual Determination of Equivalency or the Annual Preliminary Determination of Equivalency indicate that there are in fact insufficient credits to cover debits (a shortfall), then the backstop provision in Rule 317 subparagraph (c)(6) would be triggered. A shortfall would occur if either the Annual Determination of Equivalency  $B_i \leq 0$  or the Preliminary Determination of Equivalency  $B_i + D_i \leq 110\% \times F_{i-1}$  criteria are not achieved. The provisions of the backstop rule require that a rule will be presented to the South Coast AQMD Governing Board proposing actions to cover the shortfall, within 90 days of a determination of a shortfall in the FEA, including assessing fees on facilities subject to Rule 317.

### The Annual Determination of Equivalency (ADE)

An Annual Determination of Equivalency must be performed to demonstrate that adequate funding was available in the FEA in the prior CY to meet the aggregate Section 185 fee obligations for all subject sources. This demonstration is made if the following inequality statement is true:

$$B_{i-1} + D_{i-1} - F_{i-1} = B_i > 0$$

where:

$B_{i-1}$  is the Section 172 (e) fee equivalency account balance at the beginning of the prior calendar year  $i-1$

- D<sub>i-1</sub>*** is the funds deposited (credited) into the Section 172 (e) fee equivalency account during the prior calendar year (i-1)
- F<sub>i-1</sub>*** is the Section 185 fees calculated for all major stationary sources for prior calendar year calculated pursuant to paragraph (c) (2)
- B<sub>i</sub>*** is the Section 172 (e) fee equivalency account balance at the end of calendar year (i-1), which is carried forward as the beginning balance for the following year (i)

As shown in Table 4 below, the SCAB complies with the Annual Demonstration of Equivalency for CY 2019. The available credits for CY 2019 were \$106,573,220 and the 2019 debits for the Section 185 fee obligations amounted to \$42,098,584. This left a remaining balance of \$64,474,636, which will be carried through to CY 2020.

### **The Annual Preliminary Determination of Equivalency (APDE)**

An Annual Preliminary Determination of Equivalency must also be performed to demonstrate that an adequate level of funding is available in the FEA to meet the current year Section 185 fee obligations for all subject sources. Rule 317 defines the process of making this preliminary determination of equivalency as a surplus credit balance greater than 10% of the debits (potential fee obligation) determined in the prior calendar year for each Basin. This demonstration is made if the following inequality statement is true:

$$B_i + D_i > 110\% \times F_{i-1}$$

where:

- B<sub>i</sub>*** is the Section 172 (e) Fee Equivalency Account balance at the beginning of the current calendar year (i)
- D<sub>i</sub>*** is the funds expected to be deposited (credited) into Section 172 (e) Fee Equivalency Account in current calendar year (i)
- F<sub>i-1</sub>*** is the Section 185 fees calculated pursuant to paragraph (c)(2) for the prior calendar year (i-1) being used as surrogate Section 185 fee estimate for the current year

As shown in Table 4 below, the SCAB complies with the Annual Preliminary Demonstration of Equivalency for CY 2020. With the anticipated credit generation of \$143,900,238 added to the beginning balance of \$64,474,636, the total anticipated credits available for CY 2020 would be \$208,374,874. This is greater than the anticipated minimum credit balance needed for CY 2020, which is estimated at \$46,308,442 based on 110% of the CY 2019 debit amount.

### **RECONCILIATION AND COMPLIANCE DEMONSTRATION**

Table 4 summarizes the credits, debits, and compliance demonstrations for the SCAB FEA.

**Table 4 – Fee Equivalency Demonstration for CY 2019 Emissions**

<b>BASIN</b>	<b>Unused Credits from Prior Years (CY 2018 and earlier years)</b>  <b>(B<sub>i-1</sub>)</b>	<b>CY 2019 Credits</b>  <b>(D<sub>i-1</sub>)<sup>9</sup></b>	<b>CY 2019 Debits</b>  <b>(F<sub>i-1</sub>)<sup>10</sup></b>	<b>CY 2020 Beginning Balance</b>  <b>(B<sub>i</sub>)<sup>11</sup></b>	<b>Anticipated Credits for CY 2020</b>  <b>(D<sub>i</sub>)</b>	<b>Total Anticipated Credits in CY 2020</b>  <b>(B<sub>i</sub> + D<sub>i</sub>)</b>	<b>Anticipated Minimum Credit Balance Needed for CY 2020</b>  <b>(F<sub>i-1</sub> x 110%)</b>
<b>SCAB</b>	<b>\$817,258,467</b>	<b>\$106,573,220</b>	<b>\$42,098,584</b>	<b>\$64,474,636</b>	<b>\$143,900,238</b>	<b>\$208,374,874</b>	<b>\$46,308,442</b>

<sup>9</sup> See Appendix A.<sup>10</sup> See Appendix B.<sup>11</sup> CY 2020 beginning balance does not include the unused credits of \$817,258,467 from CY 2018 and earlier years.

APPENDIX A - SCAB CY 2019 CREDITS

FUND 17 – Advanced Technology, Outreach and Education Fund

Journal ID	Project Description	Date	AQMD Payment/Credit
ACC0114513	Commercial Electric Lawn & Garden Equipment Replacement	3/29/2019	\$3,770.00
ACC0114513	Commercial Electric Lawn & Garden Equipment Replacement	3/29/2019	\$11,545.00
ACC0114868	Commercial Electric Lawn & Garden Equipment Replacement in EJ Communities	5/3/2019	\$7,204.08
ACC0115220	Commercial Electric Lawn & Garden Equipment Replacement	5/31/2019	\$3,060.00
ACC0115320	Commercial Electric Lawn & Garden Equipment Replacement	6/7/2019	\$25,920.00
ACC0115321	Replacement of HD Drayage Trucks	6/11/2019	\$100,000.00
ACC0115481	Commercial Electric Lawn & Garden Equipment Replacement	6/25/2019	\$10,652.50
ACC0119622	Commercial Electric Lawn & Garden Equipment Replacement in EJ Communities	7/23/2019	\$4,908.00
0000119806	Commercial Electric Lawn & Garden Equipment Replacement in EJ Communities	7/27/2019	\$4,908.00
0000119839	Commercial Electric Lawn & Garden Equipment Replacement in EJ Communities	7/30/2019	\$(4,908.00)
ACC0120351	Commercial Electric Lawn & Garden Equipment Replacement	9/13/2019	\$166,776.00
ACC0120351	Commercial Electric Lawn & Garden Equipment Replacement	9/13/2019	\$(1,080.00)
ACC0120351	Commercial Electric Lawn & Garden Equipment Replacement	9/13/2019	\$(540.00)
ACC0120351	Commercial Electric Lawn & Garden Equipment Replacement	9/13/2019	\$(540.00)
ACC0120351	Commercial Electric Lawn & Garden Equipment Replacement	9/13/2019	\$(465.00)
ACC0120351	Commercial Electric Lawn & Garden Equipment Replacement	9/13/2019	\$(868.00)
ACC0120353	Commercial Electric Lawn & Garden Equipment Replacement	9/18/2019	\$19,027.50
ACC0120409	Commercial Electric Lawn & Garden Equipment Replacement	9/20/2019	\$2,888.00
ACC0120409	Commercial Electric Lawn & Garden Equipment Replacement	9/20/2019	\$560.00
ACC0120409	Commercial Electric Lawn & Garden Equipment Replacement	9/20/2019	\$1,244.00
ACC0120409	Commercial Electric Lawn & Garden Equipment Replacement	9/20/2019	\$1,228.00
ACC0120409	Commercial Electric Lawn & Garden Equipment Replacement	9/20/2019	\$720.00
ACC0120409	Commercial Electric Lawn & Garden Equipment Replacement	9/20/2019	\$92.00



APPENDIX A - SCAB CY 2019 CREDITS

Journal ID	Project Description	Date	AQMD Payment/Credit
ACC0120409	Commercial Electric Lawn & Garden Equipment Replacement	9/20/2019	\$424.00
0000120548	Commercial Electric Lawn & Garden Equipment Replacement	10/10/2019	\$(189,466.50)
ACC0120675	Commercial Electric Lawn & Garden Equipment Replacement	10/18/2019	\$18,223.75
ACC0120675	Commercial Electric Lawn & Garden Equipment Replacement	10/18/2019	\$79,451.00
ACC0120820	Commercial Electric Lawn & Garden Equipment Replacement	10/30/2019	\$14,618.00
ACC0120820	Commercial Electric Lawn & Garden Equipment Replacement	10/30/2019	\$(465.00)
ACC0120820	Commercial Electric Lawn & Garden Equipment Replacement	10/30/2019	\$48,329.00
ACC0120820	Commercial Electric Lawn & Garden Equipment Replacement	10/30/2019	\$(255.00)
ACC0120820	Commercial Electric Lawn & Garden Equipment Replacement	10/30/2019	\$(225.00)
ACC0120937	Commercial Electric Lawn & Garden Equipment Replacement	11/8/2019	\$39,615.00
0000121160	Commercial Electric Lawn & Garden Equipment Replacement	12/7/2019	\$189,466.50
ACC0121199	Commercial Electric Lawn & Garden Equipment Replacement	12/10/2019	\$544.00
ACC0121199	Commercial Electric Lawn & Garden Equipment Replacement	12/10/2019	\$32,517.50

**\$588,879.33**

Fund 22 – AB 2766 Local Government & Discretionary Fund

Disbursement Period	Project Category	AQMD Disbursement (AB 2766)
H2 FY 2018-2019	Alternative Fuels/Electric Vehicles	\$4,190,421.56
	Public Transportation (Transit & Rail)	\$549,614.73
	Traffic Management (Traffic Signal Synchronization, etc)	\$849,837.96
	Transportation Demand Management (Rideshare/Transit Pass)	\$2,086,436.68
H1 FY 2019-2020	Alternative Fuels/Electric Vehicles	\$4,120,203.04
	Vehicle Emissions Abatement (Offroad Equipment Purchase)	\$6,771.31
	Public Transportation (Transit & Rail)	\$816,725.29
	Traffic Management (Traffic Signal Synchronization, etc)	\$1,571,931.35
	Transportation Demand Management (Rideshare/Transit Pass)	\$3,691,598.37
<b>Total</b>		<b>\$17,883,540.27</b>

APPENDIX A - SCAB CY 2019 CREDITS

Fund 23 – AB 2766 MSRC

Grantee	Project Description	Date	AQMD Payment/Credit
City of Long Beach	50 MD, 17 HD NGVs, New CNG Station	1/17/2019	\$150,000.00
City of Cudahy	Implement an "Open Streets" Event	1/17/2019	\$62,480.00
Temecula Valley Unified School District	Expansion of Existing CNG Station	1/17/2019	\$2,426.98
Burrtec Waste & Recycling Services, LLC	Construct New Limited-Access CNG Station	1/17/2019	\$10,000.00
City of Highland	Bicycle Lanes and Outreach	1/22/2019	\$489,385.24
Grand Central Recycling & Transfer Station	Construct New Public Access CNG Station	1/22/2019	\$15,000.00
Huntington Beach Union High School Dist	Expansion of Existing CNG Station	1/29/2019	\$8,750.00
Nasa Services, Inc.	Construct a Limited-Access CNG Station	1/30/2019	\$10,000.00
City of San Fernando	Purchase One LD ZEV	2/5/2019	\$10,000.00
LA County MTA	Repower Up to 125 Transit Buses	2/5/2019	\$1,068,750.00
Regents of the University of California	EV Charging Infrastructure Investments	2/5/2019	\$58,574.02
City of Corona Public Works	EV Charging, Bicycle Racks, Bicycle Lockers	2/12/2019	\$96,048.66
City of Corona Public Works	EV Charging, Bicycle Racks, Bicycle Lockers	2/12/2019	\$96,048.66
City of Corona Public Works	EV Charging, Bicycle Racks, Bicycle Lockers	2/12/2019	\$96,048.66
City of Corona Public Works	EV Charging, Bicycle Racks, Bicycle Lockers	2/12/2019	\$96,048.66
City of Signal Hill	Install EV Charging Stations	2/12/2019	\$46,079.31
LA County Dept. of Public Works	Traffic Signal Synchronization	2/13/2019	\$204,221.00
City of Hermosa Beach	Purchase 2 MD NGVs, Bicycle Outreach	2/13/2019	\$23,768.44
City of South Pasadena	Bicycle Trail Improvements	2/19/2019	\$134,182.09
Southern California Regional Rail Authority	Special Train Service	2/21/2019	\$73,140.89
City of Rancho Cucamonga	Bicycle Trail Improvements	3/1/2019	\$326,922.25
Orange County Transportation Authority	Special Rail Service	3/7/2019	\$239,884.76
Riverside Co. Transportation Commission	Vanpool Incentive Program	3/7/2019	\$148,825.00
City of Moreno Valley	HD NGV, EV Charging, Bike Lanes	3/8/2019	\$53,726.09
County of Riverside	Purchase 15 HD Vehicles	3/12/2019	\$25,000.00
City of Santa Monica	Repower 30 Transit Buses	3/20/2019	\$99,750.00
Foothill Transit	Special Transit Service	3/20/2019	\$50,000.00
Orange County Transportation Authority	Clean Fuel Bus Service to OC Fair	3/21/2019	\$428,512.71
Long Beach Transit	Repower 39 & Purchase 1 Transit Buses	4/2/2019	\$14,250.00
Orange County Transportation Authority	TCM Partnership Program - OC Bikeways	4/5/2019	\$82,000.00
City of Anaheim	Purchase 5 LD ZEVs and Install EVSE	4/11/2019	\$50,000.00
City of Anaheim	Purchase 5 LD ZEVs and Install EVSE	4/11/2019	\$50,000.00
City of Fullerton	Install EV Charging Stations	4/16/2019	\$27,896.71
County of Riverside	Purchase 15 HD Vehicles	4/17/2019	\$75,000.00
City of Long Beach	50 MD, 17 HD NGVs, New CNG Station	4/19/2019	\$30,000.00
City of San Fernando	Install EV Charging Infrastructure	4/23/2019	\$43,993.88
Walnut Valley Unified School District	Expand CNG Station	4/23/2019	\$75,000.00
City of Santa Clarita	Install EV Charging Infrastructure	5/1/2019	\$49,399.00
LA County MTA	Clean Fuel Transit Service	5/8/2019	\$17,843.68

APPENDIX A - SCAB CY 2019 CREDITS

Grantee	Project Description	Date	AQMD Payment/Credit
LA County MTA	Clean Fuel Transit Service	5/10/2019	\$8,322.35
LA County MTA	Clean Fuel Transit Service	5/10/2019	\$137,501.04
LA County MTA	Clean Fuel Transit Service	5/10/2019	\$21,020.00
City of Santa Monica	24 CNG HD Vehicles	5/15/2019	\$200,000.00
City of Cathedral City	Install Bike Racks	5/15/2019	\$35,089.03
Regents of the University of California	EV Charging Infrastructure Investments	5/15/2019	\$90,709.91
City of Ontario	Expansion of Existing CNG Station	5/16/2019	\$106,565.00
City of Beaumont	Purchase 1 HD Near-ZEV	5/16/2019	\$25,000.00
LA County MTA	Repower Up to 125 Transit Buses	5/17/2019	\$712,500.00
City of Pasadena	EV Charging Infrastructure	6/7/2019	\$100,000.00
City of Pasadena	EV Charging Infrastructure	6/7/2019	\$100,000.00
Orange County Transportation Authority	Repower Up to 98 Transit Buses	6/18/2019	\$1,005,000.00
City of La Canada Flintridge	Four EVSEs and Install Bicycle Racks	7/3/2019	\$9,499.90
City of Fountain Valley	Install EV Charging Infrastructure	7/10/2019	\$46,100.00
City of Fountain Valley	Install EV Charging Infrastructure	7/10/2019	\$46,100.00
City of Fountain Valley	Install EV Charging Infrastructure	7/10/2019	\$46,100.00
City of Fountain Valley	Install EV Charging Infrastructure	7/10/2019	\$46,100.00
Southern California Association of Governments	Regional Active Transportation Program	7/24/2019	\$174,344.11
City of San Fernando	Expand Existing CNG Station	7/25/2019	\$325,679.00
Riverside Co. Transportation Commission	Vanpool Incentive Program	7/25/2019	\$81,845.00
City of Hidden Hills	Purchase Two LD ZEVs and EVSE	7/30/2019	\$33,427.00
City of Hidden Hills	Purchase Two LD ZEVs and EVSE	7/30/2019	\$33,427.00
City of Monterey Park	Purchase 3 HD NGVs	7/31/2019	\$90,000.00
Regents of the University of California	EV Charging Infrastructure Investments	7/31/2019	\$57,320.86
LA County MTA	Repower Up to 125 Transit Buses	8/21/2019	\$93,750.00
Southern California Regional Rail Authority	Special Metrolink Service	8/21/2019	\$126,920.41
Southern California Regional Rail Authority	Special Train Service	8/22/2019	\$186,830.04
City of Duarte	Purchase Two Electric Buses	9/11/2019	\$60,000.00
City of Duarte	Purchase One HD ZEV	9/11/2019	\$50,000.00
City of Anaheim	Maintenance Facility Modifications	9/12/2019	\$255,595.08
Riverside Co. Transportation Commission	Vanpool Incentive Program	9/19/2019	\$85,220.00
City Rent A Bin DBA Serv-Wel Disposal	Install New CNG Infrastructure	9/20/2019	\$180,000.00
City of Colton	Purchase One MD and One HD ZEVs	9/24/2019	\$35,667.00
LA County MTA	Special Bus/Train Service	10/1/2019	\$20,281.70
LA County MTA	Special Bus/Train Service	10/1/2019	\$12,224.45
City of Newport Beach	Purchase One Nat. Gas HD Vehicle	10/2/2019	\$30,000.00
City of LA Bureau of Street Lighting	Install Sixty EV Charging Stations	10/4/2019	\$300,000.00
Orange County Transportation Authority	TCM Partnership Program - OC Bikeways	10/4/2019	\$383,588.06
LA County MTA	Special Bus/Train Service	10/11/2019	\$673,729.54
City of LA Dept of General Services	Purchase 21 HD NGVs	10/15/2019	\$90,000.00

APPENDIX A - SCAB CY 2019 CREDITS

Grantee	Project Description	Date	AQMD Payment/Credit
City of Anaheim	Purchase Five LD ZEVs and Install EVSE	10/15/2019	\$21,659.27
City of Anaheim	Purchase Five LD ZEVs and Install EVSE	10/15/2019	\$21,659.27
City of Agoura Hills	Install EV Charging Infrastructure	10/16/2019	\$17,914.00
City of Agoura Hills	Install EV Charging Infrastructure	10/16/2019	\$17,914.00
Orange County Transportation Authority	TCM Partnership Program - OC Bikeways	10/16/2019	\$61,113.00
City of La Puente	Purchase LD Zero Emission Vehicle	10/22/2019	\$7,113.70
Culver City Transportation Dept.	Purchase LD ZEV	10/24/2019	\$1,130.00
City of Yucaipa	Pedestrian Access Project	10/29/2019	\$120,000.00
Culver City Transportation Dept.	Purchase Eight Near-Zero Vehicles	10/29/2019	\$51,000.00
City of Orange	Four LD ZEV and EV Charging Infrastructure	11/20/2019	\$59,776.00
City of Carson	Five ZEVs and Infrastructure	11/21/2019	\$50,000.00
Riverside Co. Transportation Commission	Vanpool Incentive Program	11/21/2019	\$86,170.00
City of Santa Monica	Install EV Charging Stations	11/22/2019	\$14,748.62
City of Santa Monica	Install EV Charging Stations	11/22/2019	\$14,748.62
City of Orange	Two HD NZVs	12/3/2019	\$25,000.00
City of Wildomar	Install Bicycle Lanes	12/4/2019	\$500,000.00
City of South Gate	Purchase 5 LD ZEVs and Install EVSEs	12/10/2019	\$50,000.00
City of South Gate	Purchase 5 LD ZEVs and Install EVSEs	12/10/2019	\$50,000.00
City of Indio	One LD ZEV and Charging Infrastructure	12/10/2019	\$10,000.00
City of Riverside	CNG Station Improvements	12/10/2019	\$71,250.00
City of Riverside	CNG Station Improvements	12/10/2019	\$71,250.00
City of Riverside	CNG Station Improvements	12/10/2019	\$71,250.00
City of Westlake Village	Install EVSE	12/13/2019	\$50,000.00
City of Buena Park	EV Charging Infrastructure	12/19/2019	\$107,960.00
City of Buena Park	EV Charging Infrastructure	12/19/2019	\$107,960.00
City of Lomita	Purchase One LD ZEV	12/24/2019	\$6,250.00
County of LA Dept of Public Works	Construct New CNG Station in Malibu	12/27/2019	\$300,000.00
County of LA Dept of Public Works	Construct New CNG Station in Castaic	12/27/2019	\$300,000.00

**\$13,020,279.65**

FUND 31 – Clean Fuels Fund

Journal ID	Project Description	Date	AQMD Payment/Credit
ACC0113706	R&D - Low NOx Diesel Technology	1/8/2019	\$29,119.51
ACC0113762	Demonstration - Low NOx Diesel Technology	1/15/2019	\$250,000.00
ACC0113821	Emission Testing, Analysis/Study, Strategy/Model Development <sup>12</sup>	1/22/2019	\$30,000.00
ACC0113895	Demonstration - Electric/Fuel Cell Vehicle	1/29/2019	\$25,000.00

<sup>12</sup> Projects include emissions testing of clean fuels and technologies with emission reduction potentials as well as development of strategies and models that can further improve operational efficiency with emissions benefits.

APPENDIX A - SCAB CY 2019 CREDITS

Journal ID	Project Description	Date	AQMD Payment/Credit
ACC0113946	Emission Testing, Analysis/Study, Strategy/Model Development	2/1/2019	\$32,000.00
ACC0113948	Demonstration - CNG/Hybrid/Alt Fuel Low NOx Vehicle	2/6/2019	\$381,250.00
ACC0114106	R&D - Low NOx Diesel Technology	2/15/2019	\$100,000.00
ACC0114107	Demonstration - CNG/Alt Fuel Low NOx Switcher Locomotive	2/19/2019	\$32,056.00
ACC0114192	Demonstration - Battery Electric Switcher Locomotive	2/22/2019	\$18,000.00
ACC0114194	CNG School Bus Replacement Incentive	2/27/2019	\$39,300.00
ACC0114194	Lower-Emission School Bus Replacement Incentive	2/27/2019	\$235,800.00
ACC0114238	Lower-Emission School Bus Replacement Incentive	3/5/2019	\$157,200.00
ACC0114319	Infrastructure - Hydrogen Fueling	3/8/2019	\$6,500.00
ACC0114320	Infrastructure - CNG	3/12/2019	\$2,880.00
ACC0114320	Infrastructure - Hydrogen Fueling	3/12/2019	\$58,332.75
ACC0114387	Infrastructure - EV Charging	3/19/2019	\$60,000.00
ACC0114439	Lower-Emission School Bus Replacement Incentive	3/26/2019	\$78,600.00
ACC0114515	Infrastructure - EV Charging	4/3/2019	\$18,417.62
ACC0114581	CNG School Bus Replacement Incentive	4/5/2019	\$39,300.00
ACC0114581	Lower-Emission School Bus Replacement Incentive	4/5/2019	\$157,200.00
ACC0114665	Lower-Emission School Bus Replacement Incentive	4/16/2019	\$78,600.00
ACC0114665	Lower-Emission School Bus Replacement Incentive	4/16/2019	\$157,200.00
ACC0114665	Lower-Emission School Bus Replacement Incentive	4/16/2019	\$235,800.00
ACC0114723	Emission Testing, Analysis/Study, Strategy/Model Development	4/24/2019	\$75,848.00
CLS0114739	Infrastructure - EV Charging	4/25/2019	\$(60,000.00)
ACC0114737	Infrastructure - EV Charging	4/25/2019	\$59,660.00
ACC0115007	Infrastructure - Hydrogen Fueling	5/21/2019	\$24,999.75
ACC0115220	Lower-Emission School Bus Replacement Incentive	5/31/2019	\$39,300.00
ACC0115220	R&D - Low NOx Diesel Technology	5/31/2019	\$145,000.00
ACC0115320	CNG School Bus Replacement Incentive	6/7/2019	\$39,300.00
ACC0115393	R&D - Low NOx Diesel Technology	6/14/2019	\$42,271.85
ACC0115482	Demonstration - CNG/Alt Fuel Low NOx Switcher Locomotive	6/26/2019	\$48,826.50
ACC0115482	Demonstration - CNG/Alt Fuel Low NOx Switcher Locomotive	6/26/2019	\$176,467.00
ACC0115482	Demonstration - CNG/Alt Fuel Low NOx Switcher Locomotive	6/26/2019	\$1,204,400.00
ACC0115482	Demonstration - CNG/Alt Fuel Low NOx Switcher Locomotive	6/26/2019	\$1,441,600.00
0000119147	Demonstration - Battery Electric Switcher Locomotive	7/13/2019	\$38,127.64
ACC0119310	Lower-Emission School Bus Replacement Incentive	7/16/2019	\$589,500.00
0000119485	Demonstration - CNG/Hybrid/Alt Fuel Low NOx Vehicle	7/20/2019	\$1,737.50
0000119495	Infrastructure - Hydrogen Fueling	7/20/2019	\$6,500.00
0000119498	Infrastructure - EV Charging	7/20/2019	\$25,000.00
0000119466	CNG School Bus Replacement Incentive	7/20/2019	\$39,300.00
0000119492	Demonstration - CNG/Hybrid/Alt Fuel Low NOx Vehicle	7/20/2019	\$250,000.00
0000119810	Lower-Emission School Bus Replacement Incentive	7/27/2019	\$589,500.00
0000119841	Lower-Emission School Bus Replacement Incentive	7/30/2019	\$(589,500.00)
ACC0120021	R&D - CNG/Hybrid/Alt Fuel Low NOx	8/14/2019	\$20,000.00
ACC0120021	Demonstration - CNG/Hybrid/Alt Fuel Low NOx Vehicle	8/14/2019	\$50,000.00
ACC0120235	Infrastructure - Hydrogen Fueling	9/3/2019	\$6,500.00



APPENDIX A - SCAB CY 2019 CREDITS

Journal ID	Project Description	Date	AQMD Payment/Credit
ACC0120297	Demonstration - CNG/Hybrid/Alt Fuel Low NOx Vehicle	9/6/2019	\$90,000.00
ACC0120297	Demonstration - CNG/Hybrid/Alt Fuel Low NOx Vehicle	9/6/2019	\$120,000.00
ACC0120409	Demonstration - CNG/Hybrid/Alt Fuel Low NOx Vehicle	9/20/2019	\$20,000.00
ACC0120409	CNG School Bus Replacement Incentive	9/20/2019	\$117,900.00
ACC0120409	CNG School Bus Replacement Incentive	9/20/2019	\$275,100.00
ACC0120475	Infrastructure - EV Charging	10/1/2019	\$11,250.00
ACC0120475	Battery Electric/Fuel Cell School Bus Replacement Incentive	10/1/2019	\$400,000.00
0000120548	CNG School Bus Replacement Incentive	10/10/2019	\$(393,000.00)
ACC0120614	R&D - Low NOx Diesel Technology	10/15/2019	\$175,000.00
ACC0120675	CNG School Bus Replacement Incentive	10/18/2019	\$157,200.00
ACC0120676	Zero-Emission Shuttle Bus Replacement Incentive	10/22/2019	\$698,212.00
ACC0120819	Infrastructure - Alt Fuel	10/29/2019	\$25,000.00
ACC0120819	Emission Testing, Analysis/Study, Strategy/Model Development	10/29/2019	\$87,500.00
ACC0120820	Battery Electric/Fuel Cell School Bus Replacement Incentive	10/30/2019	\$300,000.00
ACC0120937	Infrastructure - EV Charging	11/8/2019	\$40,000.00
ACC0120980	Zero-Emission Shuttle Bus Replacement Incentive	11/20/2019	\$373,509.00
ACC0121064	R&D - Low NOx Diesel Technology	11/22/2019	\$40,995.52
ACC0121097	CNG School Bus Replacement Incentive	12/3/2019	\$196,500.00
ACC0121198	Infrastructure - Hydrogen Fueling	12/6/2019	\$22,000.00
ACC0121198	Emission Testing, Analysis/Study, Strategy/Model Development	12/6/2019	\$53,375.00
0000121148	Emission Testing, Analysis/Study, Strategy/Model Development	12/7/2019	\$14,997.00
0000121139	Emission Testing, Analysis/Study, Strategy/Model Development	12/7/2019	\$57,500.00
0000121142	Emission Testing, Analysis/Study, Strategy/Model Development	12/7/2019	\$72,980.00
0000121133	Emission Testing, Analysis/Study, Strategy/Model Development	12/7/2019	\$326,500.00
ACC0121199	CNG School Bus Replacement Incentive	12/10/2019	\$78,600.00
ACC0121199	R&D - Low NOx Diesel Technology	12/10/2019	\$100,000.00
ACC0121200	Demonstration - Battery Electric/Fuel Cell Vehicle	12/11/2019	\$35,000.00
0000121229	R&D - CNG/Hybrid/Alt Fuel Low NOx - Drayage	12/13/2019	\$(200,000.00)
ACC0121244	R&D - CNG/Hybrid/Alt Fuel Low NOx	12/17/2019	\$50,000.00
ACC0121244	R&D - CNG/Hybrid/Alt Fuel Low NOx	12/17/2019	\$50,000.00
ACC0121244	R&D - CNG/Hybrid/Alt Fuel Low NOx	12/17/2019	\$50,000.00
ACC0121244	R&D - CNG/Hybrid/Alt Fuel Low NOx	12/17/2019	\$100,000.00
ACC0121245	R&D - CNG/Hybrid/Alt Fuel Low NOx	12/18/2019	\$3,559.00
Various	Residential EV Charger Rebate Program	Various	\$46,311.02
<b>Total</b>			<b>\$10,082,882.66</b>

FUND 33 – Lower Emission School Bus Program

Journal ID	Project Category	Disbursement Date	AQMD Payment/Credit
ACC0115222	School Bus Replacement	6/5/2019	\$180,039.76

APPENDIX A - SCAB CY 2019 CREDITS

FUND 56 – Enhanced Fleet Modernization Program

Disbursement Period	Project Description	AQMD Payment/Credit
CY 2019	Replacement - Cleaner Conventional Vehicles	\$270,393.37
	Replacement - Hybrid Vehicles	\$3,706,704.00
	Replacement - Plug-In Hybrid Vehicles	\$11,895,742.45
	Replacement - Battery Electric Vehicles	\$1,369,386.85
	Replacement - Fuel Cell Vehicles	\$47,281.90
<b>Total</b>		<b>\$17,289,508.57</b>

FUND 61 – Advanced Technology Goods Movement Fund

Journal ID	Project Description	Date	AQMD Payment/Credit
ACC0114106	Demonstration - CNG/Hybrid Electric Drayage Truck	2/15/2019	\$4,455.18
ACC0114107	Demonstration - CNG/Hybrid Electric Drayage Truck	2/19/2019	\$2,700.94
ACC0114194	Demonstration - CNG/Hybrid Electric Drayage Truck	2/27/2019	\$2,088.38
ACC0114194	Demonstration - CNG/Hybrid Electric Drayage Truck	2/27/2019	\$11,814.03
ACC0114239	Demonstration - CNG/Hybrid Electric Drayage Truck	3/6/2019	\$49,931.53
ACC0114239	Demonstration - CNG/Hybrid Electric Drayage Truck	3/6/2019	\$17,286.52
ACC0114321	Demonstration - Electric Truck	3/13/2019	\$43,954.00
ACC0114387	Demonstration - CNG/Hybrid Electric Drayage Truck	3/19/2019	\$75,439.98
ACC0114581	Demonstration - Electric/Fuel Cell Drayage Truck	4/5/2019	\$50,832.36
ACC0115140	Demonstration - Electric/Fuel Cell Drayage Truck	5/28/2019	\$290,794.40
ACC0115140	Demonstration - Electric/Fuel Cell Drayage Truck	5/28/2019	\$108,618.00
ACC0115140	Demonstration - CNG/Hybrid Electric Drayage Truck	5/28/2019	\$4,132.06
ACC0115222	Infrastructure - Hybrid Electric Truck	6/5/2019	\$100,000.00
ACC0115320	Demonstration - CNG/Hybrid Electric Drayage Truck	6/7/2019	\$5,845.27
ACC0115320	Demonstration - CNG/Hybrid Electric Drayage Truck	6/7/2019	\$7,650.12
ACC0119310	Demonstration - CNG/Hybrid Electric Drayage Truck	7/16/2019	\$(1,162.18)
0000119476	Demonstration - CNG/Hybrid Electric Drayage Truck	7/20/2019	\$1,654.34
0000119454	Infrastructure - EV Charging	7/20/2019	\$500,000.00
ACC0119622	Demonstration - CNG/Hybrid Electric Drayage Truck	7/23/2019	\$(1,100.38)
ACC0119622	Demonstration - CNG/Hybrid Electric Drayage Truck	7/23/2019	\$31,730.55
ACC0119623	Demonstration - CNG/Hybrid Electric Drayage Truck	7/24/2019	\$9,821.64
ACC0119623	Demonstration - CNG/Hybrid Electric Drayage Truck	7/24/2019	\$51,238.32
0000119808	Demonstration - CNG/Hybrid Electric Drayage Truck	7/27/2019	\$31,730.55
0000119842	Demonstration - CNG/Hybrid Electric Drayage Truck	7/30/2019	\$(31,730.55)
ACC0119929	Demonstration - CNG/Hybrid Electric Drayage Truck	8/6/2019	\$(1,176.66)
ACC0120138	Demonstration - CNG/Hybrid Electric Drayage Truck	8/23/2019	\$1,515.85

APPENDIX A - SCAB CY 2019 CREDITS

Journal ID	Project Description	Date	AQMD Payment/Credit
ACC0120138	Demonstration - CNG/Hybrid Electric Drayage Truck	8/23/2019	\$(888.11)
ACC0120140	Demonstration - Electric Truck	8/28/2019	\$61,511.94
0000120544	Demonstration - Electric Truck	10/10/2019	\$(61,511.94)
ACC0120677	Demonstration - Electric/Fuel Cell Drayage Truck	10/23/2019	\$55,556.05
ACC0120677	Demonstration - Electric/Fuel Cell Drayage Truck	10/23/2019	\$33,055.00
ACC0120820	Demonstration - Electric/Fuel Cell Drayage Truck	10/30/2019	\$53,012.05
ACC0120820	Demonstration - Electric/Fuel Cell Drayage Truck	10/30/2019	\$7,386.28
ACC0120872	Demonstration - CNG/Hybrid Electric Drayage Truck	11/1/2019	\$32,606.31
ACC0120872	Demonstration - CNG/Hybrid Electric Drayage Truck	11/1/2019	\$42,633.27
ACC0121064	Demonstration - Electric/Fuel Cell Drayage Truck	11/22/2019	\$61,309.96
ACC0121064	Demonstration - Electric/Fuel Cell Drayage Truck	11/22/2019	\$11,467.47
ACC0121064	Demonstration - Electric/Fuel Cell Drayage Truck	11/22/2019	\$78,957.96
ACC0121064	Demonstration - Electric/Fuel Cell Drayage Truck	11/22/2019	\$20,827.44
ACC0121097	Demonstration - Electric Truck	12/3/2019	\$6,372.56
ACC0121097	Demonstration - Electric Truck	12/3/2019	\$3,480.04
ACC0121097	Demonstration - Electric Truck	12/3/2019	\$1,664.50
ACC0121098	Demonstration - Electric/Fuel Cell Drayage Truck	12/4/2019	\$6,748.01
0000121141	Demonstration - Electric Truck	12/7/2019	\$61,511.94
0000121133	Demonstration - CNG/Hybrid Electric Drayage Truck	12/7/2019	\$3,264.08
ACC0121323	Infrastructure - EV Charging	12/20/2019	\$1,382,983.98
ACC0121323	Infrastructure - EV Charging	12/20/2019	\$2,083,885.01

**\$5,313,898.05**

FUND 63 – Hydrogen Fueling Infrastructure Network Fund

Journal ID	Project Description	Date	AQMD Payment/Credit
ACC0114722	Infrastructure - Hydrogen Fueling	4/23/2019	\$469,000.00
ACC0115320	Infrastructure - Hydrogen Fueling	6/7/2019	\$2,200,000.00

**\$ 2,669,000.00**

FUND 67 – GHG Reduction Project Special Revenue Fund

Journal ID	Project Description	Date	AQMD Payment/Credit
ACC0114035	Demonstration - Battery Electric/Fuel Cell Vehicle - Drayage Truck	2/8/2019	\$650,000.00
ACC0114035	Demonstration - Battery Electric/Fuel Cell Vehicle - Drayage Truck	2/8/2019	\$353,070.00
ACC0114513	Demonstration - Battery Electric/Fuel Cell Vehicle - Drayage Truck	3/29/2019	\$700,000.00
ACC0115321	Demonstration - Battery Electric/Fuel Cell Vehicle - Drayage Truck	6/11/2019	\$808,254.00



APPENDIX A - SCAB CY 2019 CREDITS

Journal ID	Project Description	Date	AQMD Payment/Credit
0000119807	Demonstration - Battery Electric/Fuel Cell Vehicle - Drayage Truck	7/27/2019	\$140,000.00
0000119840	Demonstration - Battery Electric/Fuel Cell Vehicle - Drayage Truck	7/30/2019	\$(140,000.00)
ACC0119861	Demonstration - Battery Electric/Fuel Cell Vehicle - Drayage Truck	7/30/2019	\$140,000.00
ACC0119928	Demonstration - Battery Electric/Fuel Cell Vehicle - Drayage Truck	8/2/2019	\$1,677,923.00
ACC0120235	Demonstration - Battery Electric/Fuel Cell Vehicle - Drayage Truck	9/3/2019	\$70,000.00
ACC0120476	Demonstration - Battery Electric/Fuel Cell Vehicle & Cargo Handling Equipment	10/2/2019	\$4,000,000.00
ACC0120476	Demonstration - Battery Electric/Fuel Cell Vehicle & Cargo Handling Equipment	10/2/2019	\$249,992.00
0000120544	Demonstration - Battery Electric/Fuel Cell Vehicle - Drayage Truck	10/10/2019	\$(1,677,923.00)
0000121141	Demonstration - Battery Electric/Fuel Cell Vehicle - Drayage Truck	12/7/2019	\$1,677,923.00
			<b>\$8,649,239.00</b>

FUND 77 – Community Air Protection Program Fund

Journal ID	Project Description	Date	AQMD Payment/Credit
ACC0113705	Repower - Off-Road Equipment - Marine Vessel	1/4/2019	\$496,800.00
ACC0113946	Repower - Off-Road Equipment - Marine Vessel	2/1/2019	\$94,916.00
ACC0113946	Repower - Off-Road Equipment - Marine Vessel	2/1/2019	\$238,400.00
ACC0113946	Repower - Off-Road Equipment - Marine Vessel	2/1/2019	\$29,800.00
ACC0113946	Repower - Off-Road Equipment - Marine Vessel	2/1/2019	\$7,739.00
ACC0113946	Repower - Off-Road Equipment - Marine Vessel	2/1/2019	\$264,000.00
ACC0113946	Repower - Off-Road Equipment - Marine Vessel	2/1/2019	\$33,000.00
ACC0113946	Repower - Off-Road Equipment - Marine Vessel	2/1/2019	\$216,000.00
ACC0114193	Replacement - Off-Road Equipment - Agricultural	2/26/2019	\$126,357.00
ACC0114193	Replacement - Off-Road Equipment	2/26/2019	\$161,048.00
ACC0114193	Replacement - Off-Road Equipment	2/26/2019	\$13,587.00
ACC0114193	Replacement - Off-Road Equipment	2/26/2019	\$392,976.67
ACC0114193	Repower - Off-Road Equipment	2/26/2019	\$103,774.00
ACC0114193	Repower - Off-Road Equipment	2/26/2019	\$37,061.00
ACC0114194	Replacement - Off-Road Equipment - Agricultural	2/27/2019	\$706,297.00
ACC0114319	Replacement - Off-Road Equipment	3/8/2019	\$227,940.00
ACC0114319	Replacement - Off-Road Equipment	3/8/2019	\$834,847.00
ACC0114438	Replacement - Off-Road Equipment	3/22/2019	\$165,073.00
ACC0114438	Replacement - Off-Road Equipment - Agricultural	3/22/2019	\$0.91
ACC0114438	Replacement - Off-Road Equipment	3/22/2019	\$55,008.00
ACC0114439	Replacement - Off-Road Equipment - Agricultural	3/26/2019	\$45,133.40
ACC0114439	Replacement - Off-Road Equipment	3/26/2019	\$117,670.00
ACC0114439	Replacement - Off-Road Equipment	3/26/2019	\$4,130.60

APPENDIX A - SCAB CY 2019 CREDITS

Journal ID	Project Description	Date	AQMD Payment/Credit
ACC0114439	Replacement - Off-Road Equipment	3/26/2019	\$587,540.58
ACC0114439	Replacement - Off-Road Equipment	3/26/2019	\$95,664.42
ACC0114439	Replacement - Off-Road Equipment	3/26/2019	\$19,437.66
ACC0114439	Replacement - Off-Road Equipment	3/26/2019	\$11,051.74
ACC0114514	Replacement - Off-Road Equipment	4/2/2019	\$1,694,030.76
ACC0114582	Replacement - Prob 1B Goods Movement Truck	4/9/2019	\$86,372.06
ACC0114664	Replacement - Off-Road Equipment - Agricultural	4/12/2019	\$88,402.00
ACC0114664	Replacement - Off-Road Equipment	4/12/2019	\$179,617.00
ACC0114807	Replacement - Off-Road Equipment - Agricultural	4/26/2019	\$197,194.00
ACC0114807	Replacement - Off-Road Equipment - Agricultural	4/26/2019	\$227,180.00
ACC0114807	Replacement - Off-Road Equipment - Agricultural	4/26/2019	\$54,328.00
ACC0114807	Replacement - Off-Road Equipment - Agricultural	4/26/2019	\$783,470.00
ACC0114807	Replacement - Off-Road Equipment - Agricultural	4/26/2019	\$22,808.00
ACC0114807	Replacement - Off-Road Equipment - Agricultural	4/26/2019	\$75,204.50
ACC0114807	Repower - Off-Road Equipment - Marine Vessel	4/26/2019	\$29,300.00
ACC0114807	Repower - Off-Road Equipment - Marine Vessel	4/26/2019	\$188,800.00
ACC0114807	Repower - Off-Road Equipment - Marine Vessel	4/26/2019	\$23,600.00
ACC0114807	Repower - Off-Road Equipment - Marine Vessel	4/26/2019	\$234,400.00
ACC0115007	Replacement - Off-Road Equipment - Agricultural	5/21/2019	\$750,486.00
ACC0115007	Replacement - Off-Road Equipment - Agricultural	5/21/2019	\$93,808.00
ACC0115007	Replacement - Off-Road Equipment	5/21/2019	\$163,567.00
ACC0115007	Replacement - Off-Road Equipment	5/21/2019	\$7,464.00
ACC0115139	Repower - Off-Road Equipment - Marine Vessel	5/24/2019	\$112,800.00
ACC0115139	Repower - Off-Road Equipment - Marine Vessel	5/24/2019	\$14,100.00
ACC0115140	Replacement - Off-Road Equipment - Agricultural	5/28/2019	\$700,067.00
ACC0115140	Replacement - Off-Road Equipment - Agricultural	5/28/2019	\$47,454.00
ACC0115141	Replacement - Off-Road Equipment	5/29/2019	\$1,438,414.00
ACC0115141	Replacement - Off-Road Equipment - Agricultural	5/29/2019	\$966,534.00
ACC0115141	Repower - Off-Road Equipment - Marine Vessel	5/29/2019	\$123,200.00
ACC0115141	Repower - Off-Road Equipment - Marine Vessel	5/29/2019	\$15,400.00
ACC0115321	Repower - Off-Road Equipment - Marine Vessel	6/11/2019	\$340,000.00
ACC0115321	Repower - Off-Road Equipment - Marine Vessel	6/11/2019	\$42,500.00
ACC0115480	Replacement - Off-Road Equipment - Agricultural	6/21/2019	\$6,876.09
ACC0115480	Replacement - Off-Road Equipment - Agricultural	6/21/2019	\$281,829.00
ACC0115480	Replacement - Off-Road Equipment - Agricultural	6/21/2019	\$134,180.00
ACC0115480	Replacement - Off-Road Equipment	6/21/2019	\$362,164.00
ACC0115480	Replacement - Off-Road Equipment	6/21/2019	\$31,323.00
ACC0115480	Repower - Off-Road Equipment - Marine Vessel	6/21/2019	\$123,200.00
ACC0115480	Repower - Off-Road Equipment - Marine Vessel	6/21/2019	\$166,678.00

APPENDIX A - SCAB CY 2019 CREDITS

Journal ID	Project Description	Date	AQMD Payment/Credit
ACC0115480	Repower - Off-Road Equipment - Marine Vessel	6/21/2019	\$17,800.00
ACC0115480	Repower - Off-Road Equipment - Marine Vessel	6/21/2019	\$15,400.00
ACC0115480	Repower - Off-Road Equipment - Marine Vessel	6/21/2019	\$142,400.00
ACC0115482	Replacement - Off-Road Equipment - Agricultural	6/26/2019	\$1,550,835.00
ACC0115482	Replacement - Off-Road Equipment - Agricultural	6/26/2019	\$71,402.13
0000119500	Replacement - Off-Road Equipment - Agricultural	7/20/2019	\$178,208.00
0000119786	Replacement - Off-Road Equipment - Agricultural	7/27/2019	\$5,641.68
0000119768	Replacement - Off-Road Equipment - Agricultural	7/27/2019	\$43,376.00
0000119784	Replacement - Off-Road Equipment - Agricultural	7/27/2019	\$4,093.94
0000119785	Replacement - Off-Road Equipment	7/27/2019	\$9,451.40
0000119772	Repower - Off-Road Equipment - Marine Vessel	7/27/2019	\$260,100.00
0000119755	Repower - Off-Road Equipment - Marine Vessel	7/27/2019	\$87,303.00
ACC0120138	Repower - Off-Road Equipment - Marine Vessel	8/23/2019	\$85,798.00
ACC0120139	Replacement - Off-Road Vehicles	8/27/2019	\$250,689.00
ACC0120139	Replacement - Off-Road Vehicles	8/27/2019	\$70,810.00
ACC0120298	Replacement - Off-Road Equipment - Agricultural	9/10/2019	\$83,913.00
ACC0120298	Replacement - Off-Road Equipment - Agricultural	9/10/2019	\$5,760.00
ACC0120298	Repower - Off-Road Equipment	9/10/2019	\$134,023.00
ACC0120353	Replacement - Off-Road Equipment - Agricultural	9/18/2019	\$144,490.00
ACC0120353	Repower - Off-Road Equipment - Marine Vessel	9/18/2019	\$83,900.00
ACC0120353	Repower - Off-Road Equipment - Marine Vessel	9/18/2019	\$43,000.00
ACC0120475	Replacement - Off-Road Equipment - Agricultural	10/1/2019	\$88,718.00
ACC0120475	Replacement - Off-Road Vehicles - Agricultural	10/1/2019	\$11,090.00
ACC0120475	Replacement - Off-Road Equipment - Agricultural	10/1/2019	\$354,182.00
ACC0120475	Replacement - Off-Road Equipment - Agricultural	10/1/2019	\$47,779.00
ACC0120475	Repower - Off-Road Equipment - Marine Vessel	10/1/2019	\$17,800.00
ACC0120475	Repower - Off-Road Equipment - Marine Vessel	10/1/2019	\$143,200.00
0000120544	Replacement - Off-Road Vehicles	10/10/2019	\$(321,499.00)
ACC0120818	Repower - Off-Road Equipment - Marine Vessel	10/25/2019	\$18,400.00
ACC0120818	Repower - Off-Road Equipment - Marine Vessel	10/25/2019	\$130,400.00
ACC0120818	Repower - Off-Road Equipment - Marine Vessel	10/25/2019	\$147,200.00
ACC0120818	Repower - Off-Road Equipment - Marine Vessel	10/25/2019	\$16,300.00
ACC0120818	Repower - Off-Road Equipment - Marine Vessel	10/25/2019	\$114,400.00
ACC0120818	Repower - Off-Road Equipment - Marine Vessel	10/25/2019	\$8,137.99
ACC0120818	Repower - Off-Road Equipment - Marine Vessel	10/25/2019	\$1,246.01
ACC0120819	Replacement - Prob 1B Goods Movement Truck	10/29/2019	\$500,000.00
ACC0120819	Replacement - Prob 1B Goods Movement Truck	10/29/2019	\$100,000.00
ACC0120819	Replacement - Off-Road Equipment - Agricultural	10/29/2019	\$1,207,473.00
ACC0120872	Repower - Off-Road Equipment - Marine Vessel	11/1/2019	\$125,600.00

APPENDIX A - SCAB CY 2019 CREDITS

Journal ID	Project Description	Date	AQMD Payment/Credit
ACC0120872	Repower - Off-Road Equipment - Marine Vessel	11/1/2019	\$15,700.00
ACC0121064	Replacement - Off-Road Equipment - Agricultural	11/22/2019	\$532,412.00
ACC0121064	Replacement - Off-Road Equipment - Agricultural	11/22/2019	\$391,039.00
ACC0121064	Replacement - Off-Road Equipment - Agricultural	11/22/2019	\$1,854,647.00
ACC0121064	Replacement - Off-Road Equipment	11/22/2019	\$362,348.00
ACC0121064	Replacement - Off-Road Equipment	11/22/2019	\$1,740,656.00
ACC0121064	Repower - Off-Road Equipment	11/22/2019	\$129,358.00
0000121141	Replacement - Off-Road Vehicles	12/7/2019	\$321,499.00
0000121158	Replacement - Off-Road Equipment	12/7/2019	\$625,131.00
0000121138	Repower/Replacement - Off-Road Equipment	12/7/2019	\$970,768.00
ACC0121209	Replacement - Off-Road Equipment	12/12/2019	\$49,959.00
ACC0121209	Replacement - Off-Road Equipment	12/12/2019	\$1,079,363.00
ACC0121243	Replacement - Prob 1B Goods Movement Truck	12/13/2019	\$500,000.00
ACC0121243	Replacement - Prob 1B Goods Movement Truck	12/13/2019	\$500,000.00
ACC0121243	Replacement - Off-Road Equipment - Agricultural	12/13/2019	\$667,284.00
ACC0121323	Repower - Off-Road Equipment	12/20/2019	\$133,930.00
ACC0121323	Repower - Off-Road Equipment	12/20/2019	\$131,033.00
			<b>\$30,895,951.54</b>

SCAB Total CY 2019 Credits (sum of funds identified in this appendix)

**\$106,573,220**

Note: Negative amounts are either voided or refunded payments due to cancellation of projects in the current CY or for prior CYs depending on when the cancellation takes place, and the money is returned to the South Coast AQMD fund. These amounts do not impact the sufficiency of prior fee equivalency demonstrations.

APPENDIX B - SCAB CY 2019 DEBITS

Count	FAC ID	FACILITY NAME	NOx Baseline (Tons)	80% x NOx Baseline (Tons)	NOx CY 2019 (Tons)	NOx Pay On (Tons)	NOx Rule 317 Fee (\$)	VOC Baseline (Tons)	80% x VOC Baseline (Tons)	VOC CY 2019 (Tons)	VOC Pay On (Tons)	VOC Rule 317 Fee (\$)	Total Rule 317 CY 2019 Emissions Fee (\$)
1	56	UNIVERSITY SO CALIFORNIA, HEALTH SCIENCES	7.4	5.92	5.98	0.06	617	1	0.8	1.93	1.13	11,613	12,229
2	136	PRESS FORGE CO	14.1	11.28	18.08	6.8	69,881	1.8	1.44	5.49	4.05	41,621	111,502
3	222	ARCHITECTURAL WOODWORKING CO	Not R317	-	-	-	-	3.3	2.64	-	-	-	-
4	346	FRITO-LAY, INC.	11.2	8.96	10.35	1.39	14,285	5.8	4.64	2.42	0	-	14,285
5	392	TAYLOR-DUNN MFG CO	Not R317	-	0.08	0.08	-	5.37	4.3	3.65	0	-	-
6	550	LA CO., INTERNAL SERVICE DEPT	29.7	23.76	19.25	0	-	2.1	1.68	1.79	0.11	1,130	1,130
7	1073	BORAL ROOFING LLC	17.8	14.24	7.37	0	-	Not R317	-	1.82	1.82	-	-
8	1334	SOC-CO PLASTIC COATING CO	0.2	0.16	0.11	0	-	6	4.8	1.66	0	-	-
9	1379	MADISON-GRAHAM COLORGRAPHICS INC	1.3	1.04	-	-	-	9.2	7.36	-	-	-	-
10	1703	EASTERN MUNICIPAL WATER DISTRICT	1.8	1.44	3.28	1.84	18,909	9.7	7.76	9.13	1.37	14,079	32,988
11	2044	G B MFG INC/CALIF ACRYLIC, DBA CAL SPAS	Not R317	-	0	0	-	58.1	46.48	13.94	0	-	-
12	2526	CHEVRON USA INC	Not R317	-	0.01	0.01	-	2.2	1.76	6.63	4.87	50,047	50,047
13	2619	MARTIN LUTHER KING JR MEDICAL CAMPUS	7.3	5.84	2.97	0	-	2.8	2.24	1.4	0	-	-
14	2825	MCP FOODS INC	Not R317	-	1.58	1.58	-	94	75.2	11.64	0	-	-
15	2846	VISTA PAINT CORP	0	0	-	-	-	0.36	0.29	-	-	-	-
16	3093	LA CO., OLIVE VIEW/UCLA MEDICAL CENTER	15	12	16.71	4.71	48,403	1.9	1.52	1.97	0.45	4,625	53,028
17	3417	AIR PROD & CHEM INC	7.4	5.92	15.71	9.79	100,609	7.3	5.84	9.53	3.69	37,921	138,530
18	3513	IRVINE RANCH WATER DIST	24.12	19.3	-	-	-	22.5	18	-	-	-	-
19	3704	ALL AMERICAN ASPHALT, UNIT NO.01	10.5	8.4	5.62	0	-	8.4	6.72	10.79	4.07	41,826	41,826
20	3721	DART CONTAINER CORP OF CALIFORNIA	9	7.2	3.12	0	-	220.2	176.16	140.21	0	-	-
21	3968	TABC, INC	7.8	6.24	2.25	0	-	Not R317	-	2.61	2.61	-	-
22	4242	SAN DIEGO GAS & ELECTRIC	35.9	28.72	31.37	2.65	27,233	9.9	7.92	2.91	0	-	27,233
23	4477	SO CAL EDISON CO	130	104	51.77	0	-	47.4	37.92	0.47	0	-	-

APPENDIX B - SCAB CY 2019 DEBITS

Count	FAC ID	FACILITY NAME	NOx Baseline (Tons)	80% x NOx Baseline (Tons)	NOx CY 2019 (Tons)	NOx Pay On (Tons)	NOx Rule 317 Fee (\$)	VOC Baseline (Tons)	80% x VOC Baseline (Tons)	VOC CY 2019 (Tons)	VOC Pay On (Tons)	VOC Rule 317 Fee (\$)	Total Rule 317 CY 2019 Emissions Fee (\$)
24	5723	DUCOMMUN AEROSTRUCTURES INC	5.54	4.44	1.32	0	-	Not R317	-	0.75	0.75	-	-
25	5887	NEXGEN PHARMA INC	Not R317	-	0.16	0.16	-	5	4	0.84	0	-	-
26	5973	SOCAL GAS CO	38.1	30.48	55.34	24.86	255,478	41.8	33.44	10.85	0	-	255,478
27	6384	LA CO., RANCHO LOS AMIGOS NAT. REHAB CTR	8.8	7.04	1.62	0	-	Not R317	-	0.45	0.45	-	-
28	6886	MARVIN ENGINEERING CO INC	Not R317	-	0	0	-	10.46	8.37	10.46	2.092	21,499	21,499
29	6979	RIV CO., WASTE MGMT, BADLANDS LANDFILL	2.6	2.08	2.54	0.46	4,727	1	0.8	3.19	2.39	24,561	29,289
30	7068	SAN BRDO CNTY SOLID WASTE MGMT	9.54	7.63	2.1	0	-	1.8	1.44	0.1	0	-	-
31	7371	SAN BER CNTY SOLID WASTE MGMT- MILLIKEN	2.2	1.76	2.4	0.64	6,577	0.1	0.08	0.38	0.3	3,083	9,660
32	7411	DAVIS WIRE CORP	10	8	5.14	0	-	0.7	0.56	0.69	0.13	1,336	1,336
33	7416	PRAXAIR INC	0.53	0.42	0.12	0	-	4.14	3.31	0.1	0	-	-
34	7417	EASTERN MUNICIPAL WATER DIST	1.2	0.96	1.01	0.05	514	9.2	7.36	10.2	2.84	29,186	29,700
35	7427	OWENS-BROCKWAY GLASS CONTAINER INC	59.8	47.84	28.28	0	-	5.5	4.4	4.09	0	-	-
36	8220	PROVIDENCE ST JOSEPH MED CTR	1.6	1.28	2.63	1.35	13,874	15.63	12.5	8.62	0	-	13,874
37	8309	CAMBRO MANUFACTURING CO	5.6	4.48	0.14	0	-	19.9	15.92	6.71	0	-	-
38	8547	QUEMETCO INC	29.5	23.6	22.83	0	-	34.8	27.84	2.39	0	-	-
39	8582	SO CAL GAS CO/PLAYA DEL REY STORAGE FAC	17.3	13.84	28.41	14.57	149,731	17.6	14.08	4.19	0	-	149,731
40	9163	INLAND EMPIRE UTL AGEN, A MUN WATER DIS	6	4.8	3.57	0	-	9.3	7.44	7.29	0	-	-
41	9755	UNITED AIRLINES INC	22.6	18.08	5.04	0	-	6.5	5.2	7.44	2.24	23,020	23,020
42	9898	SCIENTIFIC SPRAY FINISHES INC	0.54	0.43	-	-	-	0.36	0.29	-	-	-	-
43	10245	LA CITY, TERMINAL ISLAND TREATMENT PLANT	2.3	1.84	2.59	0.75	7,708	11.4	9.12	8.44	0	-	7,708
44	10656	NEWPORT LAMINATES	Not R317	-	0	0	-	11.8	9.44	12.82	3.38	34,735	34,735
45	10966	WEBER METALS INC	9.1	7.28	18.91	11.63	119,518	Not R317	-	9.35	9.35	-	119,518
46	11034	ENWAVE LOS ANGELES INC.	7.8	6.24	0.09	0	-	1	0.8	0.04	0	-	-

APPENDIX B - SCAB CY 2019 DEBITS

Count	FAC ID	FACILITY NAME	NOx Baseline (Tons)	80% x NOx Baseline (Tons)	NOx CY 2019 (Tons)	NOx Pay On (Tons)	NOx Rule 317 Fee (\$)	VOC Baseline (Tons)	80% x VOC Baseline (Tons)	VOC CY 2019 (Tons)	VOC Pay On (Tons)	VOC Rule 317 Fee (\$)	Total Rule 317 CY 2019 Emissions Fee (\$)
47	11245	HOAG HOSPITAL	3.8	3.04	7.34	4.3	44,190	2.8	2.24	0.84	0	-	44,190
48	11435	PQ CORPORATION	66.8	53.44	5.32	0	-	0.8	0.64	0.41	0	-	-
49	11716	FONTANA PAPER MILLS INC	2.5	2	1.65	0	-	3.8	3.04	3.25	0.21	2,158	2,158
50	11887	NASA JET PROPULSION LAB	7.4	5.92	9.47	3.55	36,482	1.7	1.36	3.27	1.91	19,628	56,111
51	12155	ARMSTRONG FLOORING INC	Not R317	-	1.72	1.72	-	11.1	8.88	8.81	0	-	-
52	12332	GATX CORPORATION	Not R317	-	2.52	2.52	-	6.7	5.36	4.52	0	-	-
53	12428	NEW NGC, INC.	15.2	12.16	13.06	0.9	9,249	4.3	3.44	3.92	0.48	4,933	14,182
54	12630	FLINT GROUP NORTH AMERICA CORP	Not R317	-	0.06	0.06	-	13.1	10.48	2.15	0	-	-
55	12876	FOAM FABRICATORS	Not R317	-	0.93	0.93	-	23.5	18.8	7.68	0	-	-
56	13011	THE GILL CORPORATION	3.1	2.48	2.7	0.22	2,261	9.1	7.28	15.62	8.34	85,707	87,968
57	13854	EAST LOS ANGELES COLLEGE	0.6	0.48	-	-	-	0.4	0.32	-	-	-	-
58	13920	SAINT JOSEPH HOSPITAL	2.8	2.24	1.22	0	-	7.7	6.16	6.2	0.04	411	411
59	13990	US GOVT, VETERANS AFFAIRS MEDICAL CENTER	1.9	1.52	2.24	0.72	7,399	Not R317	-	2.59	2.59	-	7,399
60	14213	LONG BEACH MEMORIAL MEDICAL CENTER	11.5	9.2	0.94	0	-	3.7	2.96	0.36	0	-	-
61	14437	SAN ANTONIO REGIONAL HOSPITAL	1	0.8	2.59	1.79	18,395	4.7	3.76	2.64	0	-	18,395
62	14492	JOHNSON LAMINATING & COATING INC	Not R317	-	0.87	0.87	-	51.5	41.2	8.54	0	-	-
63	14495	VISTA METALS CORPORATION	13.1	10.48	19.28	8.8	90,435	4.4	3.52	3.21	0	-	90,435
64	14502	VERNON PUBLIC UTILITIES	35.9	28.72	2.12	0	-	7.9	6.32	1.8	0	-	-
65	14871	SONOCO PRODUCTS CO	2.3	1.84	1.16	0	-	30.8	24.64	10.3	0	-	-
66	14966	VA GREATER LOS ANGELES HEALTHCARE SYS	4.7	3.76	9.25	5.49	56,419	11.3	9.04	9.1	0.06	617	57,036
67	15504	SCHLOSSER FORGE COMPANY	18.2	14.56	29.42	14.86	152,711	Not R317	-	6.23	6.23	-	152,711
68	15558	NELCO PRODUCTS INC	16.1	12.88	3.38	0	-	2.8	2.24	0.75	0	-	-
69	15793	RIV CO, WASTE RESOURCES MGMT DIST, LAMB	5.64	4.51	5.64	1.13	11,592	Not R317	-	3	3	-	11,592
70	16239	YORBA LINDA WATER DISTRICT	29.09	23.27	23.81	0.54	5,529	0.32	0.26	0.32	0.064	658	6,187

APPENDIX B - SCAB CY 2019 DEBITS

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71	16338	KAISER ALUMINUM FABRICATED PRODUCTS, LLC	14.4	11.52	10.91	0	-	1.1	0.88	1.78	0.9	9,249	9,249
72	16389	CEDARS-SINAI MEDICAL CTR	15.9	12.72	19.07	6.35	65,257	8.4	6.72	1.48	0	-	65,257
73	16639	SHULTZ STEEL CO	16.8	13.44	18.13	4.69	48,198	4.2	3.36	5.18	1.82	18,704	66,901
74	16642	ANHEUSER-BUSCH LLC., (LA BREWERY)	20.6	16.48	11.83	0	-	160.9	128.72	79.33	0	-	-
75	17301	ORANGE COUNTY SANITATION DISTRICT	19.4	15.52	4.77	0	-	40.6	32.48	15.08	0	-	-
76	17841	MC DOWELL & CRAIG MFG. CO.	Not R317	-	-	-	-	3.5	2.8	-	-	-	-
77	17953	PACIFIC CLAY PRODUCTS INC	17.3	13.84	8.57	0	-	7.8	6.24	4.13	0	-	-
78	18294	NORTHROP GRUMMAN SYSTEMS CORP	9.2	7.36	7.68	0.32	3,289	30.7	24.56	19.49	0	-	3,289
79	18452	UNIVERSITY OF CALIFORNIA, LOS ANGELES	33.6	26.88	32.11	5.23	53,747	14.7	11.76	17.87	6.11	62,790	116,537
80	18931	TAMCO	83.1	66.48	89.76	23.28	239,241	23.4	18.72	12.22	0	-	239,241
81	19144	CORONET MFG CO INC	Not R317	-	0.18	0.18	-	8.91	7.13	3.14	0	-	-
82	20197	LAC/USC MEDICAL CENTER	9.1	7.28	4.54	0	-	11.9	9.52	1.93	0	-	-
83	21887	KIMBERLY-CLARK WORLDWIDE INC.- FULT. MILL	9.8	7.84	6.68	0	-	30	24	4.62	0	-	-
84	22092	WESTERN TUBE & CONDUIT CORP	2	1.6	2.88	1.28	13,154	10.5	8.4	4.99	0	-	13,154
85	22607	CALIFORNIA DAIRIES, INC	12.03	9.62	2.36	0	-	Not R317	-	0.45	0.45	-	-
86	22911	CARLTON FORGE WORKS	19	15.2	26.96	11.76	120,854	12.42	9.94	12.76	2.824	29,021	149,875
87	23194	CITY OF HOPE MEDICAL CENTER	1.4	1.12	9.34	8.22	84,474	0.5	0.4	0.59	0.19	1,953	86,427
88	23401	HOOD MFG INC	Not R317	-	0.2	0.2	-	7.49	5.99	8.63	2.638	27,110	27,110
89	23487	ROYAL PAPER BOX CO	Not R317	-	0	0	-	8.6	6.88	6.75	0	-	-
90	23752	AEROCRAFT HEAT TREATING CO INC	6.3	5.04	2.9	0	-	Not R317	-	0.27	0.27	-	-
91	24450	TREND MANOR FURNITURE MFG CO INC	Not R317	-	-	-	-	1.9	1.52	-	-	-	-
92	24647	J. B. I. INC	Not R317	-	-	-	-	12.78	10.22	-	-	-	-
93	25070	LA CNTY SANITATION DISTRICT- PUENTE HILLS	96.7	77.36	41.53	0	-	11.5	9.2	8.02	0	-	-



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94	25501	FABRI-COTE, DIV A & S GLASS FABRICS CO IN	Not R317	-	2.36	2.36	-	8.4	6.72	17.94	11.22	115,304	115,304
95	25513	SIX FLAGS THEMES PKS INC, SIX FLAGS MAGIC	Not R317	-	-	-	-	1.6	1.28	-	-	-	-
96	25638	BURBANK CITY, BURBANK WATER & POWER	11.8	9.44	1.72	0	-	1.5	1.2	0.06	0	-	-
97	29110	ORANGE COUNTY SANITATION DISTRICT	25.3	20.24	8.04	0	-	43.8	35.04	8.86	0	-	-
98	29411	LA CO., SHERIFF'S DEPT	4	3.2	-	-	-	0.3	0.24	-	-	-	-
99	32840	ROYAL TRUCK BODY INC	Not R317	-	-	-	-	6.6	5.28	-	-	-	-
100	35188	3M COMPANY	Not R317	-	-	-	-	Not R317	-	-	-	-	-
101	35302	OWENS CORNING ROOFING AND ASPHALT, LLC	7.9	6.32	11.27	4.95	50,870	11.8	9.44	10.45	1.01	10,379	61,249
102	36738	SORENSEN ENGINEERING INC, FRANK SORENSEN	Not R317	-	0.24	0.24	-	4.3	3.44	12.39	8.95	91,976	91,976
103	37336	COMMERCE REFUSE TO ENERGY FACILITY	88.7	70.96	-	-	-	2.8	2.24	-	-	-	-
104	38908	TOYOTA LOGISTICS SERVICES, INC	Not R317	-	0.08	0.08	-	12.01	9.61	0.28	0	-	-
105	39855	MIZKAN AMERICA, INC	Not R317	-	2.94	2.94	-	11.1	8.88	11.62	2.74	28,158	28,158
106	40806	NEW BASIS	Not R317	-	0	0	-	4.8	3.84	9.75	5.91	60,735	60,735
107	40841	THE DOT PRINTER INC	0	0	-	-	-	5.22	4.18	-	-	-	-
108	40915	FREUND BAKING CO	Not R317	-	1.95	1.95	-	14.1	11.28	10.63	0	-	-
109	40991	PLASTICOLOR MOLDED PRODUCTS, INC	6.66	5.33	0.1	0	-	7.56	6.05	0.49	0	-	-
110	42514	LA COUNTY SANITATION DIST (CALABASAS)	24.5	19.6	6.71	0	-	3.1	2.48	1.94	0	-	-
111	42633	LA COUNTY SANITATION DISTRICTS (SPADRA)	11.5	9.2	8.59	0	-	1.4	1.12	1.17	0.05	514	514
112	42676	CES PLACERITA INC	8.3	6.64	-	-	-	0.4	0.32	-	-	-	-
113	43436	TST, INC.	19.1	15.28	14.47	0	-	Not R317	-	3.85	3.85	-	-
114	44577	LONG BEACH CITY, SERRF PROJECT	316	252.8	269.8	17	174,703	16	12.8	13.37	0.57	5,858	180,561
115	45262	LA COUNTY SANITATION DIST SCHOLL CANYON	2.5	2	27.68	25.68	263,905	0.7	0.56	1.68	1.12	11,510	275,415

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116	45489	ABBOTT CARDIOVASCULAR SYSTEMS, INC.	Not R317	-	1.1	1.1	-	6.9	5.52	15.97	10.45	107,391	107,391
117	45746	PABCO BLDG PRODUCTS LLC, PABCO PAPER, DBA	Not R317	-	6.27	6.27	-	19.62	15.7	12.53	0	-	-
118	45938	E.M.E. INC/ELECTRO MACHINE & ENGINEERING	Not R317	-	-	-	-	13.7	10.96	-	-	-	-
119	46268	CALIFORNIA STEEL INDUSTRIES INC	164.9	131.92	99.17	0	-	10.1	8.08	27.99	19.91	204,608	204,608
120	47084	ADVANCE PAPER BOX CO	0	0	-	-	-	6.48	5.18	-	-	-	-
121	47781	OLS ENERGY-CHINO	18.4	14.72	3.94	0	-	3.6	2.88	0.5	0	-	-
122	49111	SUNSHINE CYN LANDFILL REPUBLIC SERV INC	24.3	19.44	30.08	10.64	109,344	3.5	2.8	76.34	73.54	755,746	865,090
123	49805	LA CITY, BUREAU OF SANITATION (LOPEZ CANYON)	9	7.2	0.82	0	-	0.8	0.64	23.37	22.73	233,589	233,589
124	50299	SAN BER CNTY SOLID WASTE MGMT MID VALLEY	5.2	4.16	8.34	4.18	42,956	2	1.6	1.13	0	-	42,956
125	50310	WASTE MGMT DISP & RECY SERVS INC (BRADLEY)	36.9	29.52	11.06	0	-	11.5	9.2	1.67	0	-	-
126	50418	O C WASTE & RECYCLING, OLINDA ALPHA	48	38.4	-	-	-	4.8	3.84	-	-	-	-
127	51003	SO CAL EDISON CO	0.36	0.29	1.05	0.76	7,831	0.36	0.29	0.25	0	-	7,831
128	51475	SO CAL EDISON CO	3.78	3.02	0.89	0	-	0.9	0.72	0.26	0	-	-
129	51620	WHEELABRATOR NORWALK ENERGY CO INC	39.6	31.68	-	-	-	1.1	0.88	-	-	-	-
130	52517	REXAM BEVERAGE CAN COMPANY	12.3	9.84	-	-	-	111.8	89.44	-	-	-	-
131	52742	STOROPACK INC	Not R317	-	0.62	0.62	-	9.3	7.44	9.18	1.74	17,881	17,881
132	52743	OC WASTE & RECYCLING, SANTIAGO	4.6	3.68	3.54	0	-	1.2	0.96	0.41	0	-	-
133	52753	OC WASTE & RECYCLING, PRIMA DESHECHA	3.2	2.56	7.19	4.63	47,581	1.9	1.52	0.86	0	-	47,581
134	53610	LA CO., METROPOLITAN TRANS AUTHORITY	Not R317	-	-	-	-	0	0	-	-	-	-
135	53729	TREND OFFSET PRINTING SERVICES, INC	4.5	3.6	6.22	2.62	26,925	38.8	31.04	34.46	3.42	35,146	62,071
136	54402	SIERRA ALUMINUM COMPANY	7.4	5.92	7.22	1.3	13,360	2.4	1.92	1.03	0	-	13,360
137	56940	CITY OF ANAHEIM/COMB TURBINE GEN STATION	5	4	3.33	0	-	Not R317	-	0.28	0.28	-	-

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138	57390	ADVANCE TRUCK PAINTING INC	Not R317	-	-	-	-	1.7	1.36	-	-	-	-
139	58044	SAN BER CNTY SOLID WASTE MGMT - COLTON	3.6	2.88	4.62	1.74	17,881	0.4	0.32	0.22	0	-	17,881
140	58563	MERCURY PLASTICS INC	0.9	0.72	2.33	1.61	16,545	17.8	14.24	7.03	0	-	16,545
141	59225	AMERICH CORP	Not R317	-	0	0	-	10.6	8.48	7.43	0	-	-
142	59237	AMERICAN SECURITY PRODUCTS CO INC	Not R317	-	0.03	0.03	-	6.5	5.2	6.16	0.96	9,866	9,866
143	62548	THE NEWARK GROUP, INC.	Not R317	-	4.33	4.33	-	1.5	1.2	14.06	12.86	132,158	132,158
144	62617	WILLARD MARINE INC	0	0	-	-	-	0	0	-	-	-	-
145	69646	OC WASTE & RECYCLING, FRB	27	21.6	21.94	0.34	3,494	5	4	1.72	0	-	3,494
146	70021	XERXES CORP ( A DELAWARE CORP)	Not R317	-	0.09	0.09	-	48.6	38.88	77.62	38.74	398,118	398,118
147	72351	GALASSO'S BAKERY	3.9	3.12	2.84	0	-	6.6	5.28	3.94	0	-	-
148	73367	MONARCH LITHO INC	Not R317	-	0.08	0.08	-	4	3.2	1.67	0	-	-
149	73752	DELTA AIR LINES, INC.	0	0	0.04	0.04	411	6.3	5.04	1.46	0	-	-
150	73867	PARAMOUNT, CITY OF	11.69	9.35	16.25	6.9	70,888	Not R317	-	0.22	-	-	70,888
151	74060	ENGINEERED POLYMER SOLUTIONS INC	3.1	2.48	0.62	0	-	8.6	6.88	4.89	0	-	-
152	74529	K. F. FIBERGLASS, INC.	Not R317	-	0	0	-	22.86	18.29	3.7	0	-	-
153	79691	VACMET, INC.	0	0	-	-	-	7.4	5.92	-	-	-	-
154	80066	LAIRD COATINGS CORPORATION	Not R317	-	0	0	-	15.22	12.176	1.28	0	-	-
155	80373	MISSION RUBBER COMPANY, LLC	Not R317	0.06	0.06	0	-	10.11	8.09	11.61	3.52	36,194	36,194
156	82207	ALL AMERICAN ASPHALT, ALL AMER AGGREGATES	6.12	4.9	3.29	0	-	10.25	8.2	10.54	2.34	24,047	24,047
157	82657	QUEST DIAGNOSTICS INC	Not R317	-	2.89	2.89	-	32	25.6	43.86	18.26	187,652	187,652
158	83102	LIGHT METALS INC	11.5	9.2	7.79	0	-	Not R317	-	1.43	1.43	-	-
159	83508	THE TERMO COMPANY	0.9	0.72	0.32	0	-	Not R317	-	1.2	1.2	-	-
160	84273	TEVA PARENTERAL MEDICINES, INC	Not R317	-	0.2	0.2	-	28.6	22.88	7.01	0	-	-
161	85943	SIERRA ALUMINUM COMPANY	4.7	3.76	5.33	1.57	16,134	5.4	4.32	9.1	4.78	49,122	65,257

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162	89248	OLD COUNTRY MILLWORK INC	Not R317	-	0.93	0.93	-	15.3	12.24	16.42	4.18	42,956	42,956
163	89710	ROYAL CABINETS	Not R317	-	-	-	-	5.9	4.72	-	-	-	-
164	90813	UNION TECHNOLOGY CORPORATION	Not R317	-	0	-	-	11.54	9.232	11.54	2.308	23,719	23,719
165	91259	JOHANSON DIELECTRICS INC	Not R317	-	0.25	0.25	-	8	6.4	2.58	0	-	-
166	94272	RGF ENTERPRISES INC	Not R317	-	0.2	0.2	-	2.9	2.32	0.44	0	-	-
167	94677	YORBA LINDA WATER DISTRICT	32.91	26.33	33.16	6.83	70,210	2.6	2.08	0.44	0	-	70,210
168	94872	METAL CONTAINER CORP	21.1	16.88	18.27	1.39	14,285	79.8	63.84	114.66	50.82	522,260	536,545
169	96013	FURNITURE TRADITIONS INC	Not R317	-	-	-	-	6.5	5.2	-	-	-	-
170	96037	TEXTURE DESIGN FURNITURE INC	Not R317	-	0	0	-	5.6	4.48	0.74	0	-	-
171	100145	HARBOR FUMIGATION INC	Not R317	-	0	0	-	11.1	8.88	9.57	0.69	7,091	7,091
172	100154	DESERT VIEW POWER	200.1	160.08	200.1	40.02	411,272	13.74	10.992	13.74	2.75	28,240	439,513
173	100806	ROBINSON HELICOPTER CO INC	0.5	0.4	1.44	1.04	10,688	9.5	7.6	3.57	0	-	10,688
174	101656	AIR PRODUCTS AND CHEMICALS, INC.	31.1	24.88	26.86	1.98	20,348	21.7	17.36	6.01	0	-	20,348
175	101667	AG-FUME SERVICE INC	Not R317	-	-	-	-	8.7	6.96	-	-	-	-
176	102268	PREPRODUCTION PLASTICS, INC	Not R317	-	0	0	-	8.1	6.48	3.27	0	-	-
177	104004	MICROMETALS, INC	Not R317	-	0.72	0.72	-	9.6	7.68	12.55	4.87	50,047	50,047
178	104234	MISSION FOODS CORPORATION	10.32	8.26	7.54	0	-	1.1	0.88	8.32	7.44	76,458	76,458
179	104806	MM LOPEZ ENERGY LLC	7.9	6.32	4.76	0	-	6.5	5.2	0.76	0	-	-
180	105903	PRIME WHEEL	18.7	14.96	13.45	0	-	8.4	6.72	3.51	0	-	-
181	106897	AG-FUME SERVICES INC	Not R317	-	0	0	-	9.9	7.92	9.48	1.56	16,032	16,032
182	107652	RALPHS GROCERY CO	7.35804	5.89	1.34	0	-	17.03	13.63	9.52	0	-	-
183	110577	ARMORCAST PRODUCTS COMPANY	Not R317	-	0.27	0.27	-	8.1	6.48	4.41	0	-	-
184	113518	BREA PARENT 2007, LLC	29.6	23.68	106.44	82.76	850,497	1	0.8	2.47	1.67	17,162	867,659
185	113674	USA WASTE OF CAL (EL SOBRANTE LANDFILL)	15.3	12.24	11.67	0	-	4.4	3.52	1.23	0	-	-
186	113873	MM WEST COVINA LLC	35.1	28.08	9.53	0	-	0.8	0.64	0.57	0	-	-

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187	115314	LONG BEACH GENERATION, LLC	0	0	3.53	3.53	36,277	Not R317		0.26	0.26	-	36,277
188	115315	NRG CALIFORNIA SOUTH LP, ETIWANDA GEN ST	28.9	23.12	-	-	-	7.1	5.68	-	-	-	-
189	115389	AES HUNTINGTON BEACH, LLC	32.5	26	26.54	0.54	5,549	11.2	8.96	15.87	6.91	71,012	76,561
190	115394	AES ALAMITOS, LLC	41.5	33.2	43.66	10.46	107,494	20.7	16.56	29.22	12.66	130,103	237,597
191	115536	AES REDONDO BEACH, LLC	30.7	24.56	13.69	0	-	14.7	11.76	8.44	0	-	-
192	115563	NCI GROUP INC., DBA, METAL COATERS OF CA	6.6	5.28	12.73	7.45	76,561	9.2	7.36	31.76	24.4	250,751	327,312
193	115663	EL SEGUNDO POWER, LLC	23.2	18.56	11.19	0	-	16	12.8	1.42	0	-	-
194	115962	BEST CONTRACTING SERVICES INC	0.05	0.04	0.05	0.01	103	6.8	5.44	16.36	10.92	112,221	112,324
195	116931	EQUILON ENT LLC, SHELL OIL PROD	Not R317	-	0.01	0.01	-	7.9	6.32	8.95	2.63	27,028	27,028
196	117140	AOC, LLC	9.36	7.49	-	-	-	3.58	2.864	-	-	-	-
197	117225	EQUILON ENTER. LLC, SHELL OIL PROD. U S	Not R317	-	0	0	-	4.8	3.84	10.87	7.03	72,245	72,245
198	117290	B BRAUN MEDICAL, INC	9.3	7.44	9.18	1.74	17,881	11	8.8	29.3	20.5	210,672	228,553
199	117297	MM PRIMA DESHECHA ENERGY, LLC	6.1	4.88	26.15	21.27	218,585	3.3	2.64	5.73	3.09	31,755	250,340
200	117560	EQUILON ENTER, LLC-SHELL OIL PROD. US	0.17	0.14	0.17	0.03	349	5	4	2.09	0	-	349
201	117744	GOLD COAST BAKING CO	Not R317	-	-	-	-	11.13	8.904	-	-	-	-
202	117882	NELSON NAMEPLATE COMPANY	Not R317	-	0.03	0.03	-	8.8	7.04	0.51	0	-	-
203	118314	ANTHONY, INC.	0.1	0.08	1.1	1.02	10,482	20.5	16.4	1.25	0	-	10,482
204	118379	ARROWHEAD REGIONAL MEDICAL CTR	Not R317	-	3.04	3.04	-	11.32	9.056	9.49	0.43	4,460	4,460
205	119219	CHIQUITA CANYON LLC	13.9	11.12	13.52	2.4	24,664	2.2	1.76	1.84	0.08	822	25,486
206	119741	JENSEN PRECAST	Not R317	-	0.32	0.32	-	7.3	5.84	3.73	0	-	-
207	119940	BUILDING MATERIALS MANUFACTURING CORP	Not R317	-	1.24	1.24	-	143.9	115.12	13.13	0	-	-
208	121727	PACIFIC PIPELINE SYSTEM LLC	Not R317	-	0	0	-	Not R317	-	9.2	9.2	-	-
209	124808	INEOS POLYPROPYLENE LLC	Not R317	-	0.86	0.86	-	14.4	11.52	9.69	0	-	-

APPENDIX B - SCAB CY 2019 DEBITS

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210	124838	EXIDE TECHNOLOGIES	52.5	42	0.02	0	-	Not R317	-	0	0	-	-
211	124904	LOS ANGELES TIMES COMMUNICATIONS LLC	1.3	1.04	0.69	0	-	1.7	1.36	2.5	1.14	11,715	11,715
212	124906	LOS ANGELES TIMES COMMUNICATIONS LLC	0.5	0.4	-	-	-	1.2	0.96	-	-	-	-
213	126010	SOUTHWEST AIRLINES CO	Not R317	-	0	0	-	5.58	4.464	0.63	0	-	-
214	126498	STEELSCAPE, INC	25.4	20.32	28.17	7.85	80,672	15.4	12.32	3.33	0	-	80,672
215	126536	CPP - POMONA	3.4	2.72	2.93	0.21	2,158	8.1	6.48	11.21	4.73	48,609	50,767
216	126964	EDWARDS LIFESCIENCES LLC	3.39	2.71	3.39	0.68	6,968	0.4	0.32	19.7	19.38	199,162	206,129
217	127299	WILDFLOWER ENERGY LP/INDIGO GEN., LLC	11.3	9.04	3.91	0	-	0.6	0.48	0.13	0	-	-
218	127749*	ULTRAMAR, INC	Not R317	-	-	-	-	0	0	-	-	-	-
219	128243	BURBANK CITY, BURBANK WATER & POWER, SCPPA	29.4	23.52	31.64	8.12	83,447	10.2	8.16	3.03	0	-	83,447
220	129497	THUMS LONG BEACH CO	27.1	21.68	25.78	4.1	42,134	5	4	4.05	0.05	514	42,648
221	129816	INLAND EMPIRE ENERGY CENTER, LLC	0	0	1.25	1.25	12,846	0	0	0.37	0.37	3,802	16,648
222	132368	QG PRINTING II LLC	3	2.4	5.39	2.99	30,727	13.2	10.56	7.24	0	-	30,727
223	134018	INDUSTRIAL CONTAINER SERVICES-CA LLC	3.8	3.04	4.24	1.2	12,332	5.8	4.64	3.72	0	-	12,332
224	136148	E/M COATING SERVICES	Not R317	-	0.11	0.11	-	8.8	7.04	4.58	0	-	-
225	136173	E/M COATING SERVICES	Not R317	-	-	-	-	0.8	0.64	-	-	-	-
226	136202	EPSILON PLASTICS INC	Not R317	-	0	0	-	2.1	1.68	2.21	0.53	5,447	5,447
227	139796	CITY OF RIVERSIDE PUBLIC UTILITIES DEPT	3.4	2.72	5.61	2.89	29,700	0.4	0.32	1.06	0.74	7,605	37,304
228	139799	LITHOGRAPHIX INC	0.9	0.72	0.07	0	-	14.6	11.68	6.95	0	-	-
229	139808	INLAND EMPIRE REGIONAL COMPOSTING AUTHOR	Not R317	-	0.13	0.13	-	28.7	22.96	6.73	0	-	-
230	139938	SUNSHINE GAS PRODUCERS LLC	68.22	54.58	31.52	0	-	20.16	16.128	6.27	0	-	-
231	140373	AMERESCO CHIQUITA ENERGY LLC	46.98	37.58	8.04	0	-	8.46	6.768	1.29	0	-	-
232	140552	PERFORMANCE COMPOSITES, INC	Not R317	-	0.04	0.04	-	11.9	9.52	14.17	4.65	47,787	47,787

APPENDIX B - SCAB CY 2019 DEBITS

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233	140811	DUCOMMUN AEROSTRUCTURES INC	Not R317	-	1.26	1.26	-	6.9	5.52	11	5.48	56,316	56,316
234	141287	SCOTT BROS. DAIRY FARMS	0.67	0.54	0.67	0.13	1,377	13.5	10.8	10.2	0	-	1,377
235	141555	CASTAIC CLAY PRODUCTS, LLC	28.6	22.88	-	-	-	Not R317	-	-	-	-	-
236	142417	TOYON LANDFILL GAS CONVERSION LLC	3.1	2.48	-	-	-	1.4	1.12	-	-	-	-
237	144455	LIFOAM INDUSTRIES, LLC	Not R317	-	0.8	0.8	-	56	44.8	24.81	0	-	-
238	145211	RIVERBED DAIRY	13.3	10.64	0	0	-	32.94	26.352	11.81	0	-	-
239	145232	AIR INDUSTRIES COMPANY, LLC	3.61	2.888	3.61	0.72	7,420	10.05	8.04	10.05	2.01	20,656	28,076
240	145351	LEGEND DAIRY FARMS	Not R317	-	0	0	-	16.2	12.96	10.97	0	-	-
241	146536*	WALNUT CREEK ENERGY, LLC	0	0	24.21	24.21	248,798	0	0	1.71	1.71	17,573	266,371
242	147371	INLAND EMPIRE UTILITIES AGENCY	0.7	0.56	0.67	0.11	1,130	0.6	0.48	1.67	1.19	12,229	13,360
243	148236	AIR LIQUIDE LARGE INDUSTRIES U.S., LP	0	0	11.65	11.65	119,723	0	0	6.52	6.52	67,004	186,727
244	148568	SOUTHWEST MOULDING	Not R317	-	0	0	-	3.4	2.72	2.43	0	-	-
245	149814	SIERRACIN/SYLMAR CORP	Not R317	-	1.46	1.46	-	0	0	10.08	10.08	103,589	103,589
246	150201	BREITBURN OPERATING LP	13.32	10.66	2	0	-	17.7	14.16	11.7	0	-	-
247	150233	PACIFIC MFG MGMT, INC DBA GRENEKER SOLUT	Not R317	-	0.03	0.03	-	9.3	7.44	1.61	0	-	-
248	150613	COSTCO WHOLESALE CORP./COSTCO GASOLINE	Not R317	-	0	0	-	9.41	7.528	9.19	1.662	17,080	17,080
249	151798	TESORO REFINING AND MARKETING CO, LLC	90	72	47.19	0	-	23.8	19.04	29.39	10.35	106,364	106,364
250	151843	INSULFOAM	0.5	0.4	0.64	0.24	2,466	52.9	42.32	77.87	35.55	365,336	367,802
251	152707	SENTINEL ENERGY CENTER LLC	260.82	208.66	40.6	0	-	67.68	54.144	2.5	0	-	-
252	152948	AMERICAN DOCK BOX	Not R317	-	-	-	-	0	0	-	-	-	-
253	153095	SA RECYCLING	Not R317	-	-	-	-	0	0	-	-	-	-
254	153443	MYERS CONTAINER LLC	Not R317	-	0.79	0.79	-	17.64	14.112	1.31	0	-	-
255	153992	CANYON POWER PLANT	0	0	6.19	6.19	63,613	0	0	1.69	1.69	17,368	80,980
256	155474	BICENT (CALIFORNIA) MALBURG LLC	20	16	18.65	2.65	27,233	4.5	3.6	3.77	0.17	1,747	28,980

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257	155828	GARRETT AVN. SVCS. LLC DBA STANDARD AERO	0	0	-	-	-	0	0	-	-	-	-
258	155877	MILLERCOORS USA LLC	0	0	7.07	7.07	72,656	0	0	62.28	62.28	640,031	712,687
259	156741	HARBOR COGENERATION CO, LLC	0	0	6.72	6.72	69,059	0	0	0.05	0.05	514	69,573
260	157152*	BOWERMAN POWER LFG, LLC	0	0	21.48	21.48	220,743	0	0	10.12	10.12	104,000	324,743
261	157259	GRAPHIC PACKAGING INTERNATIONAL, INC	Not R317	-	0.06	0.06	-	0	0	25.05	25.05	257,431	257,431
262	157359	HENKEL ELECTRONIC MATERIALS, LLC	0	0	0.92	0.92	9,455	0	0	0.28	0.28	2,877	12,332
263	157363	INTERNATIONAL PAPER CO	Not R317	-	1.08	1.08	-	0	0	7.15	7.15	73,478	73,478
264	159492	WOODWARD HRT- VALENCIA	11.1	8.88	0.71	0	-	15.74	12.592	17.37	4.78	49,102	49,102
265	160437	SOUTHERN CALIFORNIA EDISON	0	0	70.43	70.43	723,786	0	0	27.1	27.1	278,498	1,002,284
266	161300	SAPA EXTRUDER, INC	0	0	-	-	-	0	0	-	-	-	-
267	162556	GLENDALE CITY, GLENDALE WATER AND POWER	0	0	-	-	-	0	0	-	-	-	-
268	163177	FLEETWOOD HOMES, INC.	Not R317	-	0	0	-	0	0	5.74	5.74	58,988	58,988
269	166073	BETA OFFSHORE	0	0	160.23	160.23	1,646,631	0	0	8.64	8.64	88,790	1,735,421
270	167492	CAL BLEND SOILS INC	Not R317	-	0	0	-	14.05	11.24	8.68	0	-	-
271	167598	SPACE EXPLORATION TECHNOLOGIES	Not R317	-	2.08	2.08	-	14.46	11.568	8.28	0	-	-
272	167599	COVIDIEN	Not R317	-	0	0	-	14.76	11.808	13.27	1.46	15,024	15,024
273	167981	TESORO LOGISTICS, WILMINGTON TERMINAL	0	0	6.97	6.97	71,628	384	307.2	7.57	0	-	71,628
274	168396	CST ORGANIC RECYCLING - RIV STORAGE YARD	10.42	8.34	10.42	2.08	21,417	0.87	0.696	0.87	0.174	1,788	23,205
275	169754	SO CAL HOLDING, LLC	1.2	0.96	3.94	2.98	30,624	2	1.6	7.34	5.74	58,988	89,613
276	169990	SPS TECHNOLOGIES, LLC	Not R317	-	0.65	0.65	-	0	0	5.43	5.43	55,802	55,802
277	171107	PHILLIPS 66 CO/LA REFINERY WILMINGTON PL	499	399.2	489.65	90.45	929,525	242	193.6	208.41	14.81	152,197	1,081,722
278	171109	PHILLIPS 66 COMPANY/LOS ANGELES REFINERY	329	263.2	292.28	29.08	298,846	103	82.4	81.91	0	-	298,846
279	171320	PHILLIPS 66 COLTON TERMINAL - WEST	Not R317	-	0	0	-	5.2	4.16	4.94	0.78	8,016	8,016
280	171326	PHILLIPS 66 PIPELINE LLC	Not R317	-	0.21	0.21	-	2.5	2	16.21	14.21	146,031	146,031



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281	171327	PHILLIPS 66 PIPELINE LLC	14.22	11.38	0.03	0	-	13.5	10.8	11.87	1.07	10,996	10,996
282	171329	PHILLIPS 66 COLTON TERMINAL - EAST	Not R317	-	0	0	-	5.5	4.4	5.68	1.28	13,154	13,154
283	171941	Q.E.P. INC.	0	0	-	-	-	1.8	1.44	-	-	-	-
284	172005	NEW- INDY ONTARIO, LLC	173.71	138.97	104.51	0	-	49.96	39.968	51.85	11.88	122,107	122,107
285	172077	CITY OF COLTON	22.14	17.71	0.34	0	-	4.68	3.744	0.06	0	-	-
286	172755	MARTIN ENTERPRISES	0	0	0.04	0.04	411	0	0	4.55	4.55	46,759	47,170
287	172878	TESORO LOGISTICS LONG BEACH TERMINAL	15.66	12.53	0.41	0	-	2.5	2	6.01	4.01	41,209	41,209
288	173108*	SILVER CREEK INDUSTRIES, INC	Not R317	-	0	0	-	9.9	7.92	1.05	0	-	-
289	173846	AZUSA LAND RECLAMATION, INC	9.9	7.92	4.73	0	-	6.2	4.96	0.95	0	-	-
290	174340	PRC DE SOTO INTERNATIONAL, INC.	Not R317	-	-	-	-	5.8	4.64	-	-	-	-
291	174406	ARLON GRAPHICS LLC	9	7.2	0.61	0	-	167.58	134.06	4.16	0	-	-
292	174544	BREITBURN OPERATING LP	1.9	1.52	3.5	1.98	20,348	8.4	6.72	3.41	0	-	20,348
293	174591	TESORO REF & MKTG CO LLC, CALCINER	245.2	196.16	293.68	97.52	1,002,181	5.2	4.16	1.69	0	-	1,002,181
294	174655	TESORO REFINING & MARKETING CO, LLC	658.1	526.48	674.12	147.64	1,517,248	498.5	398.8	467.53	68.73	706,316	2,223,563
295	174694	TESORO LOGISTICS, CARSON CRUDE TERMINAL	Not R317	-	0.26	0.26	-	0	0	10.52	10.52	108,111	108,111
296	174703	TESORO LOGISTICS, CARSON PROD TERMINAL	Not R317	-	0.12	0.12	-	6.2	4.96	5.66	0.7	7,194	7,194
297	174704	TESORO LOGISTICS, EAST HYNES TERMINAL	0.7	0.56	0.53	0	-	12.8	10.24	25.26	15.02	154,356	154,356
298	174705	TESORO LOGISTICS, COLTON TERMINAL	Not R317	-	0.87	0.87	-	16.6	13.28	20.94	7.66	78,719	78,719
299	174710	TESORO LOGISTICS, VINVALE TERMINAL	1	0.8	3.19	2.39	24,561	16.5	13.2	22.18	8.98	92,284	116,846
300	174711	TESORO LOGISTICS, HATHAWAY TERMINAL	Not R317	-	1.14	1.14	-	9.8	7.84	15.31	7.47	76,767	76,767
301	176023	NASCO PETROLEUM, LLC	Not R317	-	0	0	-	19	15.2	12.61	0	-	-
302	176339	BECKER SPECIALTY CORP.	Not R317	-	0.09	0.09	-	18.7	14.96	0.75	0	-	-
303	176377	TESORO LOGISTICS MARINE TERMINAL	1.2	0.96	2.64	1.68	17,265	27.6	22.08	15.82	0	-	17,265

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304	176708	ALTAGAS POMONA ENERGY INC.	22	17.6	0	0	-	12.2	9.76	0.06	0	-	-
305	176823	RIALTO BIOENERGY FACILITY, LLC	Not R317	-	-	-	-	Not R317	-	-	-	-	-
306	177120	PROVIDENCE SAINT JOHN'S HEALTH CENTER	24.3	19.44	21.19	1.75	17,984	4.06	3.248	4.06	0.81	8,345	26,329
307	178770	CHEMOIL TERMINALS CORP, CARSON TERMINAL	0.1	0.08	0.33	0.25	2,569	18.5	14.8	17.47	2.67	27,439	30,008
308	178929	PASTIME LAKES HOLDINGS LLC	Not R317	-	0	0	-	-	-	13.05	13.05	-	-
309	179137	QG PRINTING II LLC	5	4	2.79	0	-	38.4	30.72	5.08	0	-	-
310	179338	DUNCAN BROTHERS, INC.	0	0	-	-	-	9.54	7.632	-	-	-	-
311	180908	ECO SERVICES OPERATIONS CORP.	26.7	21.36	23.57	2.21	22,711	Not R317	-	0.05	0.05	-	22,711
312	181426	OC WASTE & RECYCLING, COYOTE	14.3	11.44	14.33	2.89	29,700	Not R317	-	0.94	0.94	-	29,700
313	181510	AVCORP COMPOSITE FABRICATION, INC	Not R317	-	0.26	0.26	-	11.7	9.36	3.22	0	-	-
314	181667	TORRANCE REFINING COMPANY LLC	786.3	629.04	1,031.87	402.83	4,139,751	598	478.4	827.64	349.24	3,589,024	7,728,775
315	182102	EMD SPECIALTY MATERIALS, LLC ARLON EMD	2.4	1.92	0.81	0	-	3.6	2.88	1.77	0	-	-
316	182157	BAXALTA US INC	1.1	0.88	8.44	7.56	77,692	88.6	70.88	4.93	0	-	77,692
317	182561	COLTON POWER, LP	0.6	0.48	0.55	0.07	719	0	0	0.93	0.93	9,557	10,277
318	182563	COLTON POWER, LP	0.2	0.16	0.93	0.77	7,913	0	0	0.91	0.91	9,352	17,265
319	182752	TORRANCE LOGISTICS COMPANY LLC	Not R317	-	2.09	2.09	-	51.8	41.44	9	0	-	-
320	182753	TORRANCE LOGISTICS COMPANY, LLC	0.9	0.72	2.04	1.32	13,565	8.1	6.48	10.22	3.74	38,435	52,000
321	182822	TORRANCE LOGISTICS COMPANY LLC	Not R317	-	0	0	-	11.4	9.12	0.92	0	-	-
322	183271	KINGSPAN LIGHT & AIR LLC	Not R317	-	0.57	0.57	-	4.1	3.28	0.29	0	-	-
323	183415	ONTARIO INTERNATIONAL AIRPORT AUTHORITY	4.14	3.31	18.56	15.25	156,699	0.43	0.344	5.5	5.156	52,987	209,685
324	183567	GS II, INC.	Not R317	-	2.06	2.06	-	11.1	8.88	12.5	3.62	37,202	37,202
325	184301	SENTINEL PEAK RESOURCES CALIFORNIA, LLC	82.62	66.1	1.79	0	-	1.3	1.04	21.47	20.43	209,952	209,952
326	185059	CUSTOM FIBREGLASS MFG. CO DBA SNUGTOP	24.1	19.28	0.45	0	-	2.8	2.24	36.3	34.06	350,023	350,023

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327	185101	LSC COMMUNICATIONS, LA MFG DIV	9.3	7.44	4.86	0	-	31.5	25.2	7.4	0	-	-
328	185352	SNOW SUMMIT, LLC.	37.1	29.68	5.57	0	-	2	1.6	0.66	0	-	-
329	185588	PHOENIX SERVICES LLC	0	0	-	-	-	0	0	-	-	-	-
330	185600	BRIDGE ENERGY, LLC	0	0	6.33	6.33	65,051	0	0	9.53	9.53	97,937	162,988
331	185801	BERRY PETROLEUM COMPANY, LLC	64.2	51.36	52.31	0.95	9,763	81.1	64.88	17.26	0	-	9,763
332	186770	FLEISCHMANN'S VINEGAR CO, INC.	Not R317	-	-	-	-	22.8	18.24	-	-	-	-
333	186899	ENERY HOLDINGS LLC	13.8	11.04	1.56	0	-	3.4	2.72	0.25	0	-	-
334	187165	ALTAIR PARAMOUNT, LLC	108.1	86.48	30.86	0	-	110	88	23.71	0	-	-
335	187348	HYDRO EXTRUSION USA, LLC	0	0	2.38	2.38	24,458	0	0	1.91	1.91	19,628	44,087
336	187823	KIRKHILL INC	1.9	1.52	1.94	0.42	4,316	13.5	10.8	6.68	0	-	4,316
337	187885	SMITHFIELD PACKAGED MEATS CORP	24.1	19.28	35.9	16.62	170,798	2.8	2.24	11.57	9.33	95,881	266,680
338	188380	VALENCE SURFACE TECHNOLOGIES - LYNWOOD	1.2	0.96	1.73	0.77	7,913	13.8	11.04	15.68	4.64	47,684	55,597
339	189742	NUPLA CORPORATION LLC	Not R317	-	0	0	-	1.36	1.088	1.36	0.27	2,795	2,795
340	189790	FLEISCHMANN'S VINEGAR COMPANY, INC	0.13	0.1	0.13	0.03	267	19.04	15.232	19.04	3.81	39,134	39,401
341	800003	HONEYWELL INTERNATIONAL INC	4.42	3.54	2.03	0	-	17.46	13.968	8.45	0	-	-
342	800016	BAKER COMMODITIES INC	12.3	9.84	13.55	3.71	38,126	1.6	1.28	1.1	0	-	38,126
343	800022	CALNEV PIPE LINE, LLC	0.2	0.16	0.75	0.59	6,063	14.5	11.6	18.16	6.56	67,415	73,478
344	800026	ULTRAMAR INC	296.4	237.12	305.69	68.57	704,671	114.9	91.92	225.29	133.37	1,370,599	2,075,271
345	800030	CHEVRON PRODUCTS CO.	946.8	757.44	640.36	0	-	563.2	450.56	554.8	104.24	1,071,240	1,071,240
346	800032	CHEVRON USA INC	Not R317	-	0	0	-	3.6	2.88	15.84	12.96	133,186	133,186
347	800037	DEMENNO-KERDOON DBA WORLD OIL RECYCLING	5.7	4.56	19.92	15.36	157,850	14.8	11.84	5.25	0	-	157,850
348	800057	KINDER MORGAN LIQUIDS TERMINALS, LLC	2.7	2.16	1.63	0	-	71.3	57.04	68.01	10.97	112,735	112,735
349	800066	HITCO CARBON COMPOSITES INC	6.8	5.44	4.27	0	-	8.8	7.04	0.8	0	-	-
350	800074	LA CITY, DWP HAYNES GENERATING STATION	87.4	69.92	80.14	10.22	105,028	40.9	32.72	11.68	0	-	105,028

APPENDIX B - SCAB CY 2019 DEBITS

Count	FAC ID	FACILITY NAME	NOx Baseline (Tons)	80% x NOx Baseline (Tons)	NOx CY 2019 (Tons)	NOx Pay On (Tons)	NOx Rule 317 Fee (\$)	VOC Baseline (Tons)	80% x VOC Baseline (Tons)	VOC CY 2019 (Tons)	VOC Pay On (Tons)	VOC Rule 317 Fee (\$)	Total Rule 317 CY 2019 Emissions Fee (\$)
351	800075	LA CITY, DWP SCATTERGOOD GENERATING STN	35.4	28.32	33.51	5.19	53,336	37.1	29.68	8.17	0	-	53,336
352	800080	LUNDAY-THAGARD CO DBA WORLD OIL REFINING	23	18.4	27.6	9.2	94,545	9.5	7.6	17.09	9.49	97,526	192,071
353	800088	3M COMPANY	11.5	9.2	5.99	0	-	2.5	2	7.1	5.1	52,411	52,411
354	800089	EXXONMOBIL OIL CORPORATION	786.3	629.04	-	-	-	598	478.4	-	-	-	-
355	800113	ROHR, INC.	6.1	4.88	6.48	1.6	16,443	19.1	15.28	5.94	0	-	16,443
356	800128	SO CAL GAS CO	185.1	148.08	7.47	0	-	62.7	50.16	12.76	0	-	-
357	800129	SFPP, L.P.	15.2	12.16	16.54	4.38	45,012	62.9	50.32	89.09	38.77	398,426	443,438
358	800168	PASADENA CITY, DWP	8.7	6.96	6.95	0	-	1.7	1.36	0.3	0	-	-
359	800170	LA CITY, DWP HARBOR GENERATING STATION	25.7	20.56	32.96	12.4	127,431	2.6	2.08	1.77	0	-	127,431
360	800181	CALIFORNIA PORTLAND CEMENT CO	875.4	700.32	2.26	0	-	9.2	7.36	0.7	0	-	-
361	800182	RIVERSIDE CEMENT CO	70.1	56.08	-	-	-	Not R317	-	-	-	-	-
362	800189	DISNEYLAND RESORT	40.2	32.16	19.67	0	-	8.3	6.64	2.87	0	-	-
363	800193	LA CITY, DWP VALLEY GENERATING STATION	72.1	57.68	72.37	14.69	150,964	11.8	9.44	6.24	0	-	150,964
364	800198	ULTRAMAR INC	0.3	0.24	0.49	0.25	2,569	26	20.8	12.5	0	-	2,569
365	800202	UNIVERSAL CITY STUDIOS, LLC.	6.5	5.2	10.22	5.02	51,589	14.4	11.52	4.28	0	-	51,589
366	800207	METRO ST HOSP	Not R317	-	2.39	2.39	-	Not R317	-	0.25	0.25	-	-
367	800209	BKK CORP	100.26	80.21	0.13	0	-	166.68	133.34	0.01	0	-	-
368	800214	LA CITY, SANITATION BUREAU (HTP)	5.7	4.56	45.92	41.36	425,043	20.4	16.32	7.92	0	-	425,043
369	800234	LOMA LINDA UNIV	39.4	31.52	29.61	0	-	6.7	5.36	13.57	8.21	84,371	84,371
370	800236	LA CO. SANITATION DIST	30.7	24.56	69.94	45.38	466,355	31.3	25.04	19.92	0	-	466,355
371	800263	U.S. GOVT, DEPT OF NAVY	38.5	30.8	117.81	87.01	894,173	13.2	10.56	13.75	3.19	32,783	926,956
372	800264	EDGINGTON OIL COMPANY	24.2	19.36	0.17	0	-	54.6	43.68	1.62	0	-	-
373	800265	UNIV OF SO CAL	15	12	22.05	10.05	103,281	1.8	1.44	1.57	0.13	1,336	104,617
374	800267	TRIUMPH PROCESSING, INC.	1.2	0.96	-	-	-	13.8	11.04	-	-	-	-

APPENDIX B - SCAB CY 2019 DEBITS

Count	FAC ID	FACILITY NAME	NOx Baseline (Tons)	80% x NOx Baseline (Tons)	NOx CY 2019 (Tons)	NOx Pay On (Tons)	NOx Rule 317 Fee (\$)	VOC Baseline (Tons)	80% x VOC Baseline (Tons)	VOC CY 2019 (Tons)	VOC Pay On (Tons)	VOC Rule 317 Fee (\$)	Total Rule 317 CY 2019 Emissions Fee (\$)
375	800278	SFPP, L.P.	2.7	2.16	2.05	0	-	24.4	19.52	36.28	16.76	172,237	172,237
376	800279	SFPP, L.P.	1.6	1.28	2.33	1.05	10,791	14	11.2	15.91	4.71	48,403	59,194
377	800288	UNIV CAL IRVINE	11.9	9.52	9.02	0	-	1.7	1.36	1.52	0.16	1,644	1,644
378	800302	CHEVRON PRODUCTS COMPANY	0.3	0.24	0	0	-	0.4	0.32	5.77	5.45	56,008	56,008
379	800312	LA CO HARBOR-UCLA MEDICAL CENTER	3.5	2.8	2.88	0.08	822	12.45	9.96	14.81	4.85	49,842	50,664
380	800313	LAXFUEL CORP	1.62	1.3	0.14	0	-	7.92	6.34	3.34	0	-	-
381	800325	TIDELANDS OIL PRODUCTION CO	11.5	9.2	2.46	0	-	2.4	1.92	1.98	0.06	617	617
382	800327	GLENDALE CITY, GLENDALE WATER & POWER	35.7	28.56	15.62	0	-	16.3	13.04	3.88	0	-	-
383	800330	THUMS LONG BEACH	99.72	79.78	2.01	0	-	41.7	33.36	19.7	0	-	-
384	800335	LA CITY, DEPT OF AIRPORTS	49.9	39.92	8.52	0	-	3.7	2.96	9.79	6.83	70,190	70,190
385	800367	IPS CORPORATION	Not R317	-	0.6	0.6	-	14.6	11.68	4.18	0	-	-
386	800369	EQUILON ENTER. LLC, SHELL OIL PROD. US	Not R317	-	0.01	0.01	-	4.9	3.92	15.8	11.88	122,087	122,087
387	800372	EQUILON ENTER. LLC, SHELL OIL PROD. US	2.3	1.84	9.22	7.38	75,842	83.6	66.88	104.06	37.18	382,087	457,928
388	800380	CERTIFIED ENAMELING INC	5.4	4.32	0.21	0	-	Not R317	-	4.26	4.26	-	-
389	800386	LA CO., SHERIFF DEPT	33.2	26.56	4.08	0	-	45	36	0.97	0	-	-
390	800387	CAL INST OF TECH	5.1	4.08	4.2	0.12	1,233	8.8	7.04	4.19	0	-	1,233
391	800393	VALERO WILMINGTON ASPHALT PLANT	Not R317	-	6.3	6.3	-	19.3	15.44	14.65	0	-	-
392	800398	MASK-OFF COMPANY, INC	0.1	0.08	0.09	0.01	103	10.2	8.16	5.39	0	-	103
393	800408	NORTHROP GRUMMAN SYSTEMS	8.5	6.8	6.57	0	-	6.7	5.36	1.28	0	-	-
394	800409	NORTHROP GRUMMAN SYSTEMS CORPORATION	8	6.4	15.31	8.91	91,565	10.7	8.56	2.48	0	-	91,565
395	800417	PLAINS WEST COAST TERMINALS LLC	1.3	1.04	0.48	0	-	7.4	5.92	6.32	0.4	4,111	4,111
396	800420	PLAINS WEST COAST TERMINALS LLC	2.9	2.32	1.65	0	-	5.6	4.48	8.93	4.45	45,731	45,731
397	800428	LAMPS PLUS INC/ PACIFIC COAST LIGHTING	Not R317	-	-	-	-	0.3	0.24	-	-	-	-

APPENDIX B - SCAB CY 2019 DEBITS

Count	FAC ID	FACILITY NAME	NOx Baseline (Tons)	80% x NOx Baseline (Tons)	NOx CY 2019 (Tons)	NOx Pay On (Tons)	NOx Rule 317 Fee (\$)	VOC Baseline (Tons)	80% x VOC Baseline (Tons)	VOC CY 2019 (Tons)	VOC Pay On (Tons)	VOC Rule 317 Fee (\$)	Total Rule 317 CY 2019 Emissions Fee (\$)
398	800429	KAISER FOUNDATION HOSPITAL	3.1	2.48	7.49	5.01	51,486	0.4	0.32	0.5	0.18	1,850	53,336
399	800436	TESORO REFINING AND MARKETING CO, LLC	425.3	340.24	540.65	200.41	2,059,547	83.7	66.96	177.82	110.86	1,139,272	3,198,819

SCAB Total CY 2019 Debits (sum of fee obligations identified in this appendix)

\$42,098,584.19

Notes:	Explanation
* (PTE1 Facility)	ID# assigned a proxy value of 2.9 Tons of emissions and a Baseline of zero. These are sources whose PTE qualifies them as Rule 317 sources but for which there were no reported historical emissions; except for either CY 2011 revised values or for CY 2012 emissions. At that point this value becomes the Baseline for future assessments. This Appendix shows either the proxy value of 0 or the latest actual emissions value that is used as the Baseline; but not both. Note that in some years these sources may file a report pursuant to other mandates (e.g. toxics) and may also provide actual NOx/VOC emissions. If so, then the actual emissions value, and not the 2.9 T proxy is used.
Not R317	Not a major source (PTE < 10 TPY) for the applicable pollutant.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
RESEARCH TRIANGLE PARK, NC 27711

OFFICE OF  
AIR QUALITY PLANNING  
AND STANDARDS

September 27, 2021

**MEMORANDUM**

**SUBJECT:** Clean Air Act Section 185 Fee Rates Effective for Calendar Year 2021

**FROM:** Scott Mathias, Director  
Air Quality Policy Division

**TO:** Air Program Managers, Regions I-X

Enforcing attainment within Severe and Extreme ozone nonattainment areas requires owners/operators of major stationary sources of volatile organic compounds (VOC) and nitrogen oxides (NO<sub>x</sub>)<sup>1</sup> to pay a fee to the state as a penalty for failing to timely attain the ozone standard. The fee, established under Clean Air Act (CAA) section 185, shall be applied per ton of VOC and NO<sub>x</sub> emitted by the source when emissions per calendar year exceed 80 percent of the baseline emissions computed under CAA section 185(b)(2). Each year, the EPA Office of Air Quality Planning and Standards (OAQPS) calculates the annual section 185 fee rate to be used by states to calculate each source's total annual fee for the calendar year. The fee rate for calendar year 2021 is \$10,663.33 per ton of VOC and NO<sub>x</sub> emissions, which was computed in accordance with the adjustment procedures for CAA part 70 (title V) permit fees, consistent with the approach used in prior years. For reference, the annual section 185 fee rates from 1991 through 2021 are provided in Table 1.

The calculation of the annual section 185 fee rate is based on the 40 CFR part 70 permit program *Presumptive Minimum Fee Rate*. The part 70 fee rate is updated each year by OAQPS/AQPD to adjust for inflation using the Consumer Price Index (for "All Urban Consumers") as reported by the U.S. Bureau of Labor Statistics, and in accordance with CAA section 502(b)(3)(B)(v)(I). The fee for September 1, 2020, through August 31, 2021, is \$54.37.<sup>2</sup> Adjustment of fee rates to account for inflation is also applicable to the section 185 fee rate under CAA section 185(b)(3). Accordingly, the calculation of the section 185 fee rate begins by scaling the inflation-adjusted part 70 fee rate (\$/ton of pollutant) proportionally to section 185 using the ratio of fee rates initially established under section 185 (\$5,000 per ton) and part 70 (\$25 per ton),

<sup>1</sup> CAA section 185 references only VOC emissions, however, CAA section 182(f) provisions extend the section 185 requirements to include NO<sub>x</sub> emissions, unless the nonattainment area has an EPA-approved NO<sub>x</sub> waiver granted under the conditions specified in CAA section 182(f).

<sup>2</sup> Memorandum dated September 16, 2021, from Corey Sugenk, Operating Permits Group, AQPD, OAQPS to Operating Permits Contacts, Regions I-X.

APPENDIX C - CPIF VALUES

where  $5,000/25 = 200$ . Thus, the part 70 fee rate for each 12-month period from September 1 to August 31 is first multiplied by 200. However, unlike the part 70 fee rates, section 185 fee rates are based on a calendar year—January through December. To reconcile the difference, the scaled section 185 fee rate for a given calendar year is adjusted to reflect two-thirds of a year at the old (*i.e.*, 2020) part 70 fee (scaled to \$10,558), and one-third at the current (*i.e.*, 2021) part 70 fee (scaled to \$10,874). Thus, the resulting CAA section 185 fee rate for calendar year 2021 is \$10,663.33. For questions regarding this memorandum or the table of fee rates, please contact Michael Ling, at (919) 541-4729 or by email at [ling.michael@epa.gov](mailto:ling.michael@epa.gov).

**Table 1. CAA Section 185 Fee Rates by Calendar Year**

Part 70 Fee Rates Effective Dates	Part 70 Permit Fee Rate <sup>a</sup>	Scaled Section 185 Fee Rate <sup>b</sup>	Annual CAA Section 185 Fee Rate <sup>c</sup>	
Sept. 1, 1989 – Aug. 31, 1990	\$25.00	-	\$5,000.00	1990
Sept. 1, 1990 – Aug. 31, 1991	\$26.21	\$5,242.00	\$5,334.00	1991
Sept. 1, 1991 – Aug. 31, 1992	\$27.59	\$5,518.00	\$5,574.00	1992
Sept. 1, 1992 – Aug. 31, 1993	\$28.43	\$5,686.00	\$5,744.00	1993
Sept. 1, 1993 – Aug. 31, 1994	\$29.30	\$5,860.00	\$5,911.33	1994
Sept. 1, 1994 – Aug. 31, 1995	\$30.07	\$6,014.00	\$6,071.33	1995
Sept. 1, 1995 – Aug. 31, 1996	\$30.93	\$6,186.00	\$6,242.67	1996
Sept. 1, 1996 – Aug. 31, 1997	\$31.78	\$6,356.00	\$6,414.00	1997
Sept. 1, 1997 – Aug. 31, 1998	\$32.65	\$6,530.00	\$6,567.33	1998
Sept. 1, 1998 – Aug. 31, 1999	\$33.21	\$6,642.00	\$6,682.67	1999
Sept. 1, 1999 – Aug. 31, 2000	\$33.82	\$6,764.00	\$6,834.00	2000
Sept. 1, 2000 – Aug. 31, 2001	\$34.87	\$6,974.00	\$7,051.33	2001
Sept. 1, 2001 – Aug. 31, 2002	\$36.03	\$7,206.00	\$7,244.00	2002
Sept. 1, 2002 – Aug. 31, 2003	\$36.60	\$7,320.00	\$7,375.33	2003
Sept. 1, 2003 – Aug. 31, 2004	\$37.43	\$7,486.00	\$7,543.33	2004
Sept. 1, 2004 – Aug. 31, 2005	\$38.29	\$7,658.00	\$7,737.33	2005
Sept. 1, 2005 – Aug. 31, 2006	\$39.48	\$7,896.00	\$7,998.67	2006
Sept. 1, 2006 – Aug. 31, 2007	\$41.02	\$8,204.00	\$8,266.67	2007
Sept. 1, 2007 – Aug. 31, 2008	\$41.96	\$8,392.00	\$8,511.33	2008
Sept. 1, 2008 – Aug. 31, 2009	\$43.75	\$8,750.00	\$8,755.33	2009
Sept. 1, 2009 – Aug. 31, 2010	\$43.83	\$8,766.00	\$8,809.33	2010
Sept. 1, 2010 – Aug. 31, 2011	\$44.48	\$8,896.00	\$8,967.33	2011
Sept. 1, 2011 – Aug. 31, 2012	\$45.55	\$9,110.00	\$9,188.67	2012
Sept. 1, 2012 – Aug. 31, 2013	\$46.73	\$9,346.00	\$9,398.67	2013
Sept. 1, 2013 – Aug. 31, 2014	\$47.52	\$9,504.00	\$9,554.00	2014
Sept. 1, 2014 – Aug. 31, 2015	\$48.27	\$9,654.00	\$9,668.67	2015
Sept. 1, 2015 – Aug. 31, 2016	\$48.49	\$9,698.00	\$9,724.00	2016
Sept. 1, 2016 – Aug. 31, 2017	\$48.88	\$9,776.00	\$9,840.67	2017
Sept. 1, 2017 – Aug. 31, 2018	\$49.85	\$9,970.00	\$10,050.67	2018
Sept. 1, 2018 – Aug. 31, 2019	\$51.06	\$10,212.00	\$10,276.67	2019
Sept. 1, 2019 – Aug. 31, 2020	\$52.03	\$10,406.00	\$10,456.67	2020
Sept. 1, 2020 – Aug. 31, 2021	\$52.79	\$10,558.00	<b>\$10,663.33</b>	<b>2021</b>
Sept. 1, 2021 – Aug. 31, 2022	\$54.37	\$10,874.00		

<sup>a</sup> Taken from the appropriate reference for the inflation-adjusted part 70 fee rate. For September 1, 2020, to August 31, 2021, this value comes from the memo cited in Footnote 2. Prior years are unchanged.

<sup>b</sup> Using the equation: (part 70 permit fee  $\times$  200), where  $t$  reflects the 12-month period from September 1 of the prior year to August 31 of the current year.

<sup>c</sup> Using the equation:  $[(2/3 \times \text{scaled section 185 fee } t) + (1/3 \times \text{scaled section 185 fee } t+1)]$ , where  $t$  reflects the 12-month period from September 1 of the prior year to August 31 of the current year and  $t+1$  reflects the 12-month period from September 1 of the current year to August 31 of the upcoming year.