



**South Coast
Air Quality Management District**
21865 Copley Drive, Diamond Bar, CA 91765
(909) 396-2000, www.aqmd.gov

HYBRID STATIONARY SOURCE COMMITTEE MEETING

Committee Members

Mayor Pro Tem Larry McCallon, Committee Chair
Supervisor Holly J. Mitchell, Committee Vice Chair
Chair Vanessa Delgado
Vice Chair Michael A. Cacciotti
Mayor José Luis Solache
Board Member Veronica Padilla-Campos

March 15, 2024 ♦ 10:30 a.m.

TELECONFERENCE LOCATIONS

Kenneth Hahn Hall of Administration 500 W. Temple Street HOA Conference Room 372 Los Angeles, CA 90012	Office of Senator (Ret.) Vanessa Delgado 944 South Greenwood Ave. Montebello, CA 90640
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A meeting of the South Coast Air Quality Management District Stationary Source Committee will be held at 10:30 a.m. on Friday, March 15, 2024 through a hybrid format of in-person attendance in the Dr. William A. Burke Auditorium at the South Coast AQMD Headquarters, 21865 Copley Drive, Diamond Bar, California, and remote attendance via videoconferencing and by telephone. Please follow the instructions below to join the meeting remotely.

Please refer to South Coast AQMD’s website for information regarding the format of the meeting, updates if the meeting is changed to a full remote via webcast format, and details on how to participate:

<http://www.aqmd.gov/home/news-events/meeting-agendas-minutes>

ELECTRONIC PARTICIPATION INFORMATION

(Instructions provided at bottom of the agenda)

Join Zoom Meeting - from PC or Laptop, or Phone

<https://scaqmd.zoom.us/j/94141492308>

Meeting ID: **941 4149 2308** (applies to all)

Teleconference Dial In: +1 669 900 6833

One tap mobile: +16699006833,94141492308#

Audience will be allowed to provide public comment in person or through Zoom connection or telephone.

PUBLIC COMMENT WILL STILL BE TAKEN

Cleaning the air that we breathe...

AGENDA

Members of the public may address this body concerning any agenda item before or during consideration of that item (Gov't. Code Section 54954.3(a)). If you wish to speak, raise your hand on Zoom or press Star 9 if participating by telephone. All agendas for regular meetings are posted at South Coast AQMD Headquarters, 21865 Copley Drive, Diamond Bar, California, at least 72 hours in advance of the regular meeting. Speakers may be limited to three (3) minutes total for all items on the agenda.

CALL TO ORDER

ROLL CALL

INFORMATIONAL ITEM (Item 1)

- 1. Update on Proposed Amended Rule 1146.2 – Emissions of Oxides of Nitrogen from Large Water Heaters, Small Boilers and Process Heaters** (10 mins) Heather Farr
Planning and Rules
Manager
(No Motion Required)
Staff will provide a summary of Proposed Amended Rule 1146.2 which proposes zero-emission standard for NOx for new installations based on future effective dates.
(Written Material Attached)

WRITTEN REPORTS (Items 2-4)

- 2. Monthly Update of Staff's Work with U.S. EPA and CARB on New Source Review Issues for the Transition of RECLAIM Facilities to a Command-and-Control Regulatory Program** Michael Krause
Assistant Deputy
Executive Officer
(No Motion Required)
This is a monthly update on staff's work with U.S. EPA and CARB regarding New Source Review issues related to the RECLAIM transition.
(Written Material Attached)
- 3. Quarterly Permitting Update for Rule 1109.1 – Emissions of Oxides of Nitrogen from Petroleum Refineries and Related Operations** Bhaskar Chandan
Senior Engineering
Manager
(No Motion Required)
This report provides quarterly update of permitting activities associated with the implementation of Rule 1109.1
(Written Material Attached)
- 4. Notice of Violation Penalty Summary** Bayron Gilchrist
General Counsel
(No Motion Required)
This report provides the total penalties settled in February 2024 which includes Civil, Supplemental Environmental Projects, Mutual Settlement Assessment Penalty Program, Hearing Board and Miscellaneous.
(Written Material Attached)

OTHER MATTERS

- 5. Other Business**
Any member of the Committee, or its staff, on his or her own initiative or in response to questions posed by the public, may ask a question for clarification, may make a brief announcement or report on his or her own activities, provide a

reference to staff regarding factual information, request staff to report back at a subsequent meeting concerning any matter, or may take action to direct staff to place a matter of business on a future agenda. (Gov't. Code Section 54954.2)

6. Public Comment Period

At the end of the regular meeting agenda, an opportunity is also provided for the public to speak on any subject within the Committee's authority that is not on the agenda. Speakers may be limited to three (3) minutes each.

7. Next Meeting Date: Friday, April 19, 2024 at 10:30 a.m.

ADJOURNMENT

Americans with Disabilities Act and Language Accessibility

Disability and language-related accommodations can be requested to allow participation in the Stationary Source Committee meeting. The agenda will be made available, upon request, in appropriate alternative formats to assist persons with a disability (Gov't Code Section 54954.2(a)). In addition, other documents may be requested in alternative formats and languages. Any disability or language related accommodation must be requested as soon as practicable. Requests will be accommodated unless providing the accommodation would result in a fundamental alteration or undue burden to the South Coast AQMD. Please contact Catherine Rodriguez at (909) 396-2735 from 7:00 a.m. to 5:30 p.m., Tuesday through Friday, or send the request to crodriguez@aqmd.gov.

Document Availability

All documents (i) constituting non-exempt public records, (ii) relating to an item on an agenda for a regular meeting, and (iii) having been distributed to at least a majority of the Committee after the agenda is posted, are available by contacting Catherine Rodriguez at (909) 396-2735, or send the request to crodriguez@aqmd.gov.

INSTRUCTIONS FOR ELECTRONIC PARTICIPATION

Instructions for Participating in a Virtual Meeting as an Attendee

As an attendee, you will have the opportunity to virtually raise your hand and provide public comment. Before joining the call, please silence your other communication devices such as your cell or desk phone. This will prevent any feedback or interruptions during the meeting.

Please note: During the meeting, all participants will be placed on Mute by the host. You will not be able to mute or unmute your lines manually. After each agenda item, the Chair will announce public comment. A countdown timer will be displayed on the screen for each public comment. If interpretation is needed, more time will be allotted.

Once you raise your hand to provide public comment, your name will be added to the speaker list. Your name will be called when it is your turn to comment. The host will then unmute your line.

Directions for Video ZOOM on a DESKTOP/LAPTOP:

- If you would like to make a public comment, please click on the “**Raise Hand**” button on the bottom of the screen. This will signal to the host that you would like to provide a public comment and you will be added to the list.

Directions for Video Zoom on a SMARTPHONE:

- If you would like to make a public comment, please click on the “**Raise Hand**” button on the bottom of your screen. This will signal to the host that you would like to provide a public comment and you will be added to the list.

Directions for TELEPHONE line only:

- If you would like to make public comment, please **dial *9** on your keypad to signal that you would like to comment.



Proposed Amended Rule 1146.2 – Emissions of Oxides of Nitrogen from Large Water Heaters and Small Boilers and Process Heaters

Stationary Source Committee
March 15, 2024

Background



Rule 1146.2 was adopted on January 9, 1998

- Established NO_x limits for unpermitted large water heaters, small boilers, and process heaters primarily in commercial settings
- Applies to manufacturers, distributors, retailers, installers, operators



Proposed Amended Rule 1146.2 necessary to implement 2022 AQMP:

- Seeks zero-emission technologies across all sectors to meet air pollution standards
- Implements control measure C-CMB-01 to fulfill zero-emission goals

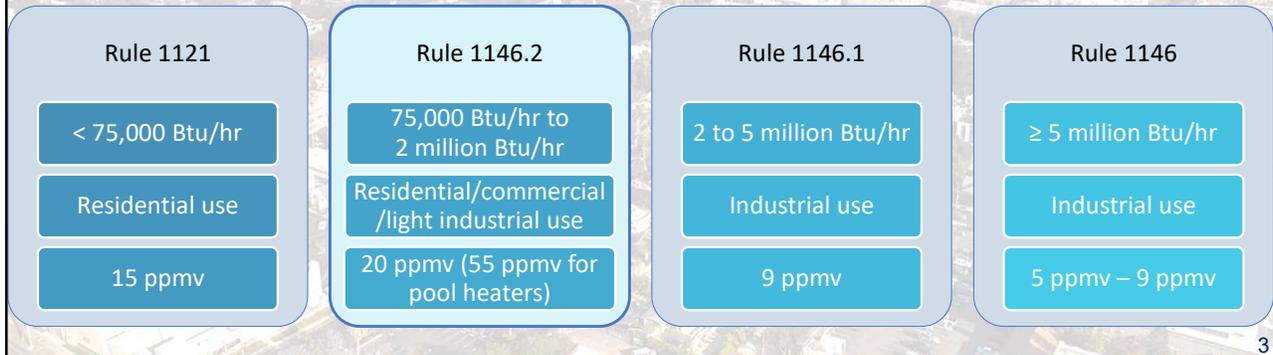


Public Process

- Five Working Group Meetings, a Public Workshop, and a Public Consultation
- Numerous meetings with stakeholders, manufacturers, trade organizations, environmental groups, public agencies, and other interested parties

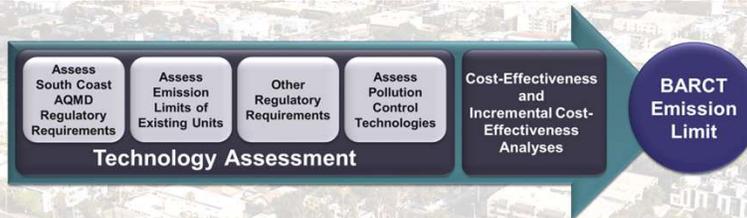
South Coast AQMD Rules for Water Heaters and Boilers

- Water heaters and boilers are regulated by several rules for NOx emissions
 - Based on unit size (rated heat input capacity)
- Smaller units subject to Rules 1121 and 1146.2 do not require a permit
 - Regulated through supply chain, including manufacturer, distributor, retailer, and installer
- Larger units subject to Rules 1146.1 and 1146 require a permit
 - Applicable to owners and operators



BARCT Assessment

Comprehensive Best Available Retrofit Control Technology (BARCT) Assessment:



Identified zero-emission technologies for all categories

- Heat pump technologies are high efficiency, zero-emission units
- Identified viable heat pump technologies for each category of equipment

Universe of Equipment and Baseline Emissions

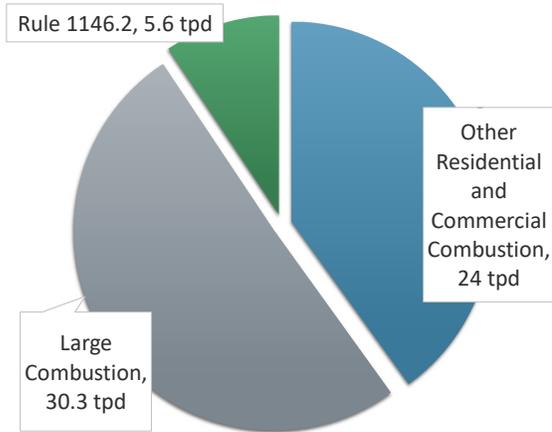
Estimated Baseline NOx Emissions

- **5.6 tons per day**
- ~ 9% of the total stationary source inventory

Estimated Number of Units in Universe

- **1,070,000 units**
- Significant number of residential pool/spa heaters: ~710,000
- NOx limit has not been lowered since rule adoption (current limit 55 ppmv)
- Heat pump pool heaters are commercially available and operating in our region

2018 NOx Emissions from Stationary Sources (tons per day)



Aligning California Air Quality and Climate Goals

- Other state and local agencies are considering or have already adopted similar rules:



Bay Area AQMD (BAAQMD)

- Zero-emission standards with compliance dates ranging from 2027 to 2031



California Air Resources Board (CARB)

- Zero-emission standards by 2030 proposed by 2022 state strategy, rule development currently in progress



California Energy Commission (CEC)

- Regulates appliance efficiency with Title 20 and building standards with Title 24



California Public Utilities Commission (CPUC)

- Policies and various programs encouraging reduction of greenhouse gas emissions



California Independent System Operator (CAISO)

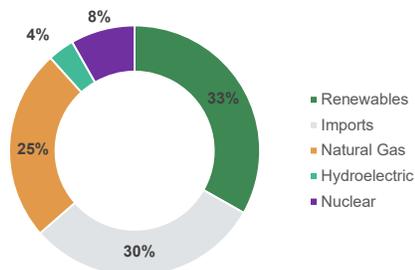
- Considers transmission needs to meet load and renewable energy growth aligned with state policy

- Renewable energy in California from CEC:

33.6% in 2021

60% in 2030 (by SB 100)

- 2022 Power Content for SoCal Edison from CPUC:



PAR 1146.2 Key Proposals

Requires zero-emission technologies at future effective dates

New Buildings (Industrial, Commercial, and Residential)

- New installations
 - Shorter time for installations in new buildings, which can be designed for zero-emission units
 - Longer time provided for technologies currently not widely commercially available

Existing Commercial and Industrial Buildings

- New installations
- Existing units at the end of unit age
 - PAR 1146.2 establishes the “unit age” when units must be replaced
 - Will help modernize old combustion units in commercial buildings

All Other Units (Existing Residential Buildings)

- Enforced through manufacturer, distributor, retailer, installer

7

Zero-Emission Compliance Schedule

- Implement zero-emission limits in three phases
 - Easier to transition to new technologies in new buildings
 - Smaller units more commercially available for early implementation
 - January 1, 2026 compliance date aligns with Building Code requirement

Equipment Category	Compliance Schedule Start Dates	
Smaller Units	New Buildings <u>January 1, 2026</u>	All Buildings <u>January 1, 2029</u>
Larger Units and Pool Heaters		New Buildings <u>January 1, 2028</u>
		All Buildings <u>January 1, 2031</u>
High Temperature Units		New Buildings <u>January 1, 2029</u>
		All Buildings <u>January 1, 2033</u>

- Smaller Units: Water heaters less than/equal to 400,000 Btu/hr, instantaneous water heaters less than 200,000 Btu/hr
- Larger Units: Water heaters greater than 400,000 Btu/hr, instantaneous water heaters greater than 200,000 Btu/hr
- High Temperature Units: Designed to produce steam or heat water above 180 degrees Fahrenheit

8

Addressing Challenges

- Provide alternative compliance options and low use exemption to address challenges of transitioning to zero-emission

Challenges:

Electrical upgrade causes compliance delay

Replacement of multiple units in a short period

Emergency replacement

Mobile homes with existing instantaneous units

Larger units with low use



Proposed Solutions:

Allow up to two 18-month delays on zero-emission compliance, with milestones

Allow phased compliance over extended period

Allow the use of temporary gas-fired units (e.g., rental of gas-fired units for up to six months)

Extend compliance date by two years

Provide exemption from zero-emission if less than 3,000 therms/year

9

Staff will conduct a status update/technology check-in prior to zero-emission compliance dates for certain equipment categories and report the results of the assessment to the Stationary Source Committee by January 1, 2028, including:

- Equipment costs for categories that currently have high cost-effectiveness
- Latest fuel and utility costs, and future cost forecasts
- Technology development and advancement
- Market readiness for rule implementation
- Existing challenges

Status Update/ Technology Check-In

10

Key Issue #1

- Zero-emission technologies are not widely available for certain equipment categories such as High Temperature Units

Staff analyzed available zero-emission technologies for each equipment category

- Acknowledge more time is needed to develop zero-emission technologies for high temperature units

Response

- Later compliance dates (2029-2033) for high temperature units
- Replacement with zero-emission technology at end of unit age
- Status update/technology check-in by January 1, 2028
- Report results and recommendations to Stationary Source Committee

11

Key Issue #2

- Transition to zero-emission technologies will pose an additional cost burden

Transition to zero-emission equipment required at end of unit age

- Estimated incremental capital and installation cost from \$375 cost savings to \$511,000 additional cost per unit
- Cost partially offset by fuel switching savings over lifetime of unit (\$600 to \$339,000)
- Highest cost for large high temperature units
 - Later compliance date to address high costs

Federal, state, and local incentives could offset some costs

- Federal Inflation Reduction Act through 2032
- State Incentives: TECH Clean California Rebates
- South Coast AQMD developing rebate program applicable to some 1146.2 units

Future market adoption will drive down the cost

Status Update/Technology Check-in will re-assess costs

12

PAR 1146.2 Impacts

California Environmental Quality Act

- PAR 1146.2 implements the 2022 AQMP Control Measure C-CMB-01 – Commercial Water Heating
- Final Program Environmental Impact Report (EIR) for the 2022 AQMP evaluated Control Measure C-CMB-01 and identified potential impacts
- No new environmental document will be required for PAR 1146.2 because:
 - PAR 1146.2 is a later activity within the scope of the program approved earlier (e.g., the 2022 AQMP) per CEQA Guidelines 15168 (c); and
 - The Final Program EIR for the 2022 AQMP adequately describes the activities associated with implementing PAR 1146.2 for the purposes of CEQA

13

Unit Cost Example – Residential Pool Heaters

- Table below lists the itemized cost of a heat pump replacing a natural gas-fired residential pool heater
 - \$2,300 additional cost for installing a heat pump
 - \$3,000 utility saving (life-time) by operating a heat pump

Category	Cost
Natural Gas-Fired Unit	\$1800
Heat Pump Replacing Gas-Fired Unit	\$4100
Panel Upgrade (if needed)	\$625
Fuel Switching (operational cost savings)	\$3000 (cost savings)

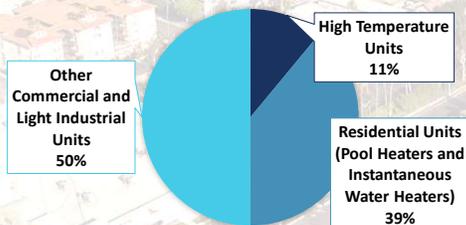
- Without an electrical panel upgrade, switching to a heat pump results in **\$700 cost savings** compared to replacing with another gas-fired unit
 - With a panel upgrade, **\$75 cost savings**
 - Most residences not expected to require a panel upgrade

14

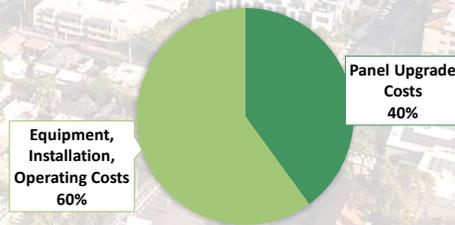
Preliminary Estimate of Socioeconomic Cost Impacts

- Preliminary analysis results for the period of 2026 to 2057 (subject to change):
 - Total average annual cost – \$61 to \$97 million (depending on installation/electrical upgrade costs)
 - Electrical panel upgrades – 40% of total cost
 - Units in residential buildings – 18% for pool heaters and 21% for instantaneous water heaters
 - Average annual job impact – 1,000 jobs foregone (less job growth forecasted)
 - Over one million units impacted, resulting in 5.6 tons per day NOx reduced

Average Annual Cost by Category



Average Annual Cost from Panel Upgrades



15

Cost-Effectiveness and Emission Reductions

Cost-Effectiveness of Zero-Emission Technologies

- Most categories below cost-effectiveness screening threshold, ranged from cost-effectiveness savings of -\$190,000 to cost-effectiveness of \$264,000 per ton of NOx reduced
- High temperature category above screening threshold at ~\$580,000 per ton of NOx reduced
 - Proposing longer compliance schedule for high temperature units to comply with zero-emission limits
 - Costs are expected to decrease as technology matures
- Future technology check-in will provide further cost analysis prior to compliance dates

Estimated Emission Reductions at Full Implementation Post-2033

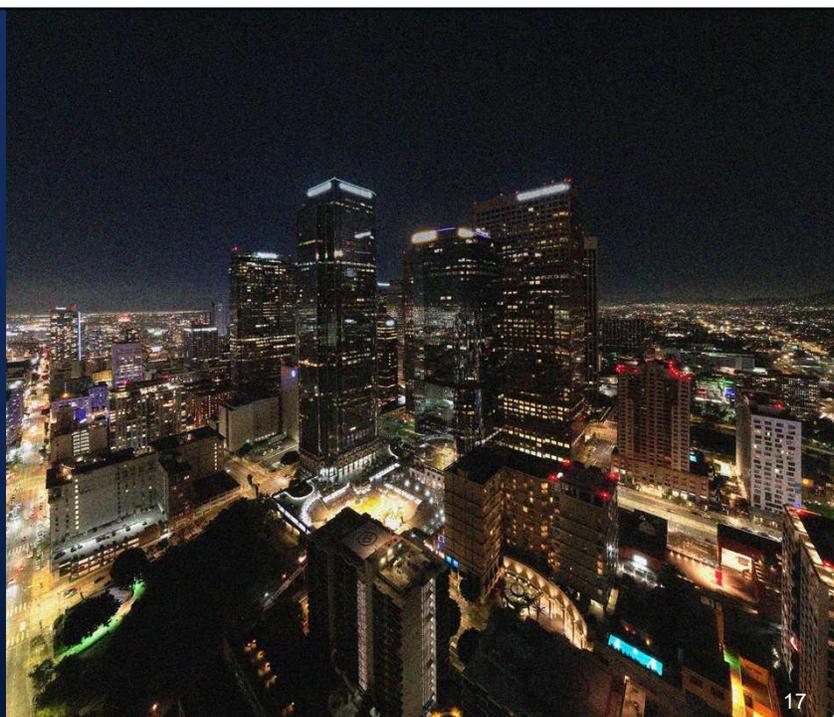
5.6 tons per day

16

Next Steps

Set Hearing:
April 5, 2024

Public Hearing:
May 3, 2024



March 2024 Update on Work with U.S. EPA and California Air Resources Board on New Source Review Issues for the RECLAIM Transition

At the October 5, 2018, Board meeting, the Board directed staff to provide the Stationary Source Committee with a monthly update of staff's work with U.S. EPA regarding resolving NSR issues for the transition of facilities from RECLAIM to a command-and-control regulatory structure. The table below summarizes key activities with U.S. EPA and California Air Resources Board (CARB) since the last report.

Item	Discussion
In person meeting with U.S. EPA (Region IX) – February 29, 2024	<ul style="list-style-type: none">• Discussed options to address offset availability for RECLAIM facilities

- RECLAIM/NSR Working Group meeting will not be held in March
- Next Working Group meeting is planned for second quarter 2024 to discuss the latest considerations for proposed amendments to Regulations XIII and XX

March 2023 - Quarterly Permitting Update for Rule 1109.1 - Emissions of Oxides of Nitrogen from Petroleum Refineries and Related Operations

Background

At the November 17, 2023 Stationary Source Committee meeting, the Committee directed staff to provide quarterly updates (in lieu of a presentation) of permitting activities associated with implementation of Rule 1109.1. Staff has presented five (5) quarterly updates on Rule 1109.1 permitting activities to the Stationary Source Committee since October 21, 2022. Starting with this report (Q1-2024), staff will provide written quarterly reports to the Committee during the first 3 quarters of each year followed by a presentation in the 4th quarter.

Summary

This report covers key permitting activities associate with Rule 1109.1 since the last update in November 2023, as summarized below:

- Zero applications received
- 21 applications approved and permits issued
- 63 applications in progress
- 3 applications submitted to EPA and pending their review
- 16 additional applications expected to be submitted in 2024

As shown in Tables 1 and 2 below, staff is making significant progress in issuing the permits for the applications received under Rule 1109.1. As of this quarter, 51% of the applications received under this rule have been issued, and 38% of the applications are in review stage. Staff is expected to make steady progress in issuing permits under this rule for the rest of this year.

Figure 1 provides the application count by year for the period covering Rule 1109.1 implementation, and includes the anticipated applications and actual applications submitted.

Figure 1: Rule 1109.1 Application Count by Year



Table 1 provides a breakdown on the type of applications submitted under Rule 1109.1, and Table 2 provides the status of processing the applications:

Table 1: Summary of Permit Application Type Submittals

	Q2 2023	Q3 2023	Q4 2023	Q1 2024
BARCT Limits	13	17	21	21
Conditional Limits	29	29	29	29
Boilers/Heaters < 40 MMBtu/hr	8	46	46	46
Exemption Applications	7	7	7	7
Alternate BARCT Limits	9	9	9	9
Add Source Test Condition	20	23	23	23
Plan Applications	17	17	17	17
<i>B-Plan</i>	3	3	3	3
<i>B-Cap</i>	4	4	4	4
<i>I-Plan</i>	10	10	10	10
Total	103	148	152	152

Table 2: Summary of Application Processing Status

	Q2 2023	Q3 2023	Q4 2023	Q1 2024
Awaiting Additional Facility Info	6	5	0	0
In Process	30	63	48	17
Under Review	21	26	37	46
Final Review	8	8	8	8
Under U.S. EPA Review	18	2	2	3
Issued	20	44	57	78
Total	103	148	152	152

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
General Counsel's Office
Settlement Penalty Report (02/01/2024 - 02/29/2024)**

Total Penalties

Civil Settlement: \$374,963.00
 Miscellaneous Settlement: \$30,000.00
 MSPAP Settlement: \$232,840.50

Total Cash Settlements: \$637,803.50
Total SEP Value: \$40,000.00

Fiscal Year through 02/29/2024 Cash Total: \$3,845,510.93

Fiscal Year through 02/29/2024 SEP Value Only Total: \$668,125.00

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbrs	Total Settlement
Civil						
117140	AOC, LLC	2004, 3002	02/15/2024	EC	P66069, P66075	\$2,300.00
121215	BARKEN'S HARDCHROME, INC.	201, 203, 1469	02/08/2024	KER	P69802, P69814, P69827, P79105	\$1,171.00
180575	CHROMADORA, INC.	203, 1469	02/21/2024	JL	P74702, P77857	\$1,200.00
53616	COLUMBINE ASSOCIATES	203, 463, 1148.1, 1173	02/09/2024	EC	P73303, P73315	\$3,500.00
193402	CUSTOM ROOF COMPANY	1403, 40 CFR 61.145	02/14/2024	JL	P73623	\$3,500.00
193638	DIAMOND HOMES, INC.	1403, 40 CFR 61.145	02/07/2024	ND	P70129	\$2,500.00
179985	FREEDOM POWDER COATING & SANDBLASTING	203, 1155	02/20/2024	KER	P65286, P73811, P73876	\$5,270.00
176669	GGG DEMOLITION, INC	1403, 40 CFR 61.145	02/22/2024	RM	P67501, P70416, P73608	\$4,500.00
16338	KAISER ALUMINUM FABRICATED PRODUCTS, LLC	2012	02/20/2024	SH	P79206	\$2,750.00
186629	KB HOME SOUTHERN CALIFORNIA	403	02/01/2024	SH	P79304	\$3,000.00
800075	LADWP SCATTERGOOD GENERATING STATION	2004	02/22/2024	SH	P68677	\$1,500.00

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbrs	Total Settlement
6384	RANCHO LOS AMIGOS NATIONAL REHABILITATION CENTER	3002	02/07/2024	RL	P67121	\$600.00
39855	MIZKAN AMERICA, INC	3002	02/07/2024	ND	P63980, P63985, P63995	\$5,269.50
133349	MSRK, INC. - PLAYA VISTA	203, 461	02/07/2024	ND	P75723, P75732	\$2,000.00
175582	NCK INDUSTRIES (DBA "VIKING ENVIRONMENTAL")	1403, 40 CFR 61.145	02/13/2024	RM	P69168, P70502, P70503, P72931	\$4,212.00
109693	PALLET MASTERS, INC.	1137	02/08/2024	SH	P73875, P73878	\$2,000.00
194999	PINTAR INVESTMENT COMPANY	1403	02/14/2024	SH	P74569	\$3,000.00
20203	RECONSERVE OF CALIFORNIA	2004, 2012, 2012 Appendix A	02/01/2024	SH	P66070, P66870, P74254, P74270, P74271, P76055, P76072, P76081	\$10,000.00
152707	SENTINEL ENERGY CENTER, LLC	2004, 3002	02/20/2024	KER	P66089, P66090	\$14,052.00
184510	STANDARD DEMOLITION, INC.	1403, 40 CFR 61.145	02/14/2024	ND	P72941	\$2,927.50
58653	TEMESCAL VALLEY WATER DISTRICT	201, 203, 1403, 40 CFR 61.145	02/09/2024	KCM	P72935	\$7,500.00
181667	TORRANCE REFINING COMPANY	1118, 3002, 40 CFR 60, QQQ	02/01/2023	DH	P68973	\$224,832.00
181667	TORRANCE REFINING COMPANY	402, 1173, 3002, H&S 41700	02/01/2024	DH	P67958, P67960, P67961, P67962	\$28,397.00
181667	TORRANCE REFINING COMPANY	203, 1176, 2004, 3002, 40 CFR 60, QQQ	02/15/2024	DH	P67966, P67967, P67968, P67969	\$21,956.00
181667	TORRANCE REFINING COMPANY	463, 1178, 2004, 3002	02/15/2024	DH	P67970, P68998, P75060	\$14,684.00
144681	WARREN E&P, INC	203, 463	02/20/2024	KER	P74517	\$2,342.00

Total Civil Settlements: \$374,963.00

MISCELLANEOUS

	PACIFICA SENIOR LIVING MANAGEMENT	1403	2/1/2024		<u>California District and City Attorneys v. Pacifica Hosts, Inc. and Pacifica Senior Living Management</u> , Monterey County Superior Court Case No. 23CV002044	\$30,000.00
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Total Miscellaneous Settlements: \$30,000.00

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbrs	Total Settlement
MSPAP						
180760	199 PASADENA PARTNERS, LLC	222, 1415	02/23/2024	CL	P78023	\$5,855.00
145948	7-ELEVEN, INC.	461	02/16/2024	VB	P76192	\$1,747.00
185806	ACADEMY SQUARE	203	02/23/2024	CL	P76521	\$1,171.00
199743	ADVANCED FIBERGLASS CONCEPTS	109, 201, 203	02/02/2024	CL	P73826	\$2,927.00
156125	AEROPOSTALE, INC.	203	02/09/2024	CL	P78354	\$1,942.00
165227	AIRPORT COURTHOUSE - JCC/AOC	222	02/09/2024	CL	P78413	\$2,342.00
140836	ALISO VIEJO AUTO CARE, INC.	203, 461	02/02/2024	VB	P77704	\$1,493.00
158682	ALLIED WASTE SERVICES	461	02/16/2024	CL	P75311	\$2,342.00
99512	ALTERNATIVE TECHNOLOGIES, INC.	1403	02/16/2024	CL	P74584	\$11,500.00
177966	APRO, LLC (DBA "UNITED OIL #159")	461	02/23/2024	VB	P78700	\$5,269.00
139541	AT CORPORATION	201, 461	02/16/2024	VB	P73113	\$3,747.00
33581	CALIFORNIA DEPARTMENT OF FORESTRY AND FIRE PROTECTION	461	02/23/2024	VB	P75219	\$1,336.00
198329	CARSTAR CAR MASTERS COLLISION	203	02/16/2024	CL	P76303	\$2,225.00
116144	CHEVRON PRODUCTS COMPANY	461, H&S 41960	02/09/2024	CL	P75728	\$1,530.00
191374	CIRCLE K STORES, INC. - #2709510	461	02/23/2024	CL	P76153, P76166	\$2,342.00
121107	CIRCLE K STORES, INC. - #5802	461	02/23/2024	VB	P76156	\$510.00
169354	CIRCLE K STORES, INC. - #2	461	02/23/2024	VB	P76155	\$510.00
174892	CIRCLE K STORES, INC. - #221116	461	02/23/2024	VB	P80603	\$7,768.00
187211	CIRCLE K STORES, INC.	461	02/23/2024	CL	P78675	\$2,042.00
167328	CITY OF SANTA ANA	403	02/16/2024	VB	P77610	\$4,355.00
200145	CONSTRUCT ONE CORPORATION	403	02/09/2024	CL	P73829	\$4,605.00
161901	CRESCENT CARWASH, LLC	461, H&S 41960.2	02/09/2024	VB	P78661	\$4,594.00
181249	CUSTOM MATERIAL SALES	203	02/09/2024	VB	P75216	\$5,355.00
155175	D & K MILK PALACE	461	02/09/2024	CL	P66049	\$1,021.00
120180	EAGLE GLEN GOLF CLUB	461	02/23/2024	CL	P75434	\$4,363.00
172792	EL SEGUNDO OIL, LLC	203	02/02/2024	VB	P73271	\$2,042.00
201201	EMPIRE POLO	403	02/16/2024	VB	P79315	\$4,855.00
180290	FORTRESS RESOURCES, LLC (DBA "ROYAL TRUCK BODY")	201, 203	02/02/2024	CL	P76277	\$3,884.00
109223	G & M OIL CO, LLC - #24	203, 461, H&S 41960.2	02/16/2024	CL	P78693	\$5,826.00
117353	G & M OIL CO, LLC - #29	203	02/16/2024	VB	P73129	\$4,684.00
190840	HUTCHINSON CORPORATION	203	02/16/2024	CL	P75801	\$971.00

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbrs	Total Settlement
99119	INTERPLASTIC, CORPORATION	203, 1146.1	02/02/2024	CL	P78307	\$6,147.00
72489	IRVINE RANCH WATER DISTRICT	203	02/02/2024	CL	P77821	\$921.00
195605	JIMENEZ MEXICAN FOODS, INC.	203, 1146	02/09/2024	VB	P75422	\$3,500.00
200612	KOGEMAN CONSTRUCTION	1403	02/09/2024	VB	P79167	\$3,295.00
12056	LA COUNTY MUSEUM OF NATURAL HISTORY	203	02/02/2024	VB	P76310	\$971.00
154179	LA PALMA GAS STATION, INC.	461	02/09/2024	CL	P78763	\$1,637.00
150753	LARRY JACINTO CONSTRUCTION, INC.	203, 461	02/09/2024	CL	P77951	\$5,615.00
200998	LENNAR HOMES	403	02/16/2024	CL	P75435	\$4,605.00
159363	LOMA LINDA UNIVERSITY HEART & SURGICAL HOSPITAL	203	02/23/2024	VB	P75239	\$971.00
67971	LOMA LINDA UNIVIVERSITY HEALTH CARE	203	02/23/2024	VB	P75240	\$969.00
159107	LOMA LINDA UNIVERSITY HEALTH BEAUMONT BANNING	203, 1146.1	02/23/2024	VB	P75238	\$18,351.00
179554	LOMA LINDA UNIVERSITY MEDICAL CENTER	203	02/23/2024	VB	P75241	\$971.00
124904	LOS ANGELES TIMES COMMUNICATIONS, LLC	3002	02/16/2024	CL	P73571	\$2,342.00
800398	MASK OFF COMPANY, INC.	3002	02/09/2024	VB	P78015	\$1,531.00
142668	MENIFEE CAR WASH	461	02/09/2024	VB	P76180	\$4,339.00
31878	MESSER, LLC	203	02/23/2024	CL	P78310	\$1,021.00
196668	MG GASOLINE, INC.	201	02/02/2024	CL	P73122	\$776.00
148784	MILES GAS, LLC	461	02/09/2024	VB	P73125	\$2,150.00
197236	MILLIE & SEVERSON	403	02/23/2024	CL	P63992	\$3,914.00
129857	NICK'S CHEVRON SERVICE	461	02/16/2024	VB	P66048	\$1,797.00
171863	NIKKU ENTERPRISES	461, H&S 41960.2	02/16/2024	VB	P73114	\$2,484.00
32518	OLD RANCH COUNTRY CLUB	461	02/02/2024	CL	P73831	\$1,756.00
143229	ORANGE OIL, CO. - COLTON	203	02/09/2024	VB	P76174	\$1,171.00
98158	PACIFIC COAST ENERGY COMPANY	203	02/16/2024	CL	P73283	\$2,042.00
144580	PENSKE CADILLAC	461	02/02/2024	CL	P78314	\$3,573.00
24550	PILGRIM PLACE HEALTH SERVICE CENTER	201, 203	02/16/2024	CL	P73163	\$918.00

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbrs	Total Settlement
200150	QUALITY POWDER COATING & SANDBLASTING, LLC	201, 203	02/16/2024	CL	P79405	\$2,210.00
199475	RADIUS KOREA TOWN	203	02/16/2024	VB	P76543	\$5,243.00
183313	RANGI GVD PARTNERS	461	02/02/2024	CL	P76181	\$3,000.00
9784	REDLANDS COMMUNITY HOSPITAL	1146	02/02/2024	VB	P75213	\$11,710.00
131295	RIO PETROLEUM, INC.	461, H&S 41960.2	02/09/2024	CL	P77711	\$1,914.00
189893	ROUX ASSOCIATES, INC.	221, 1166	02/09/2024	VB	P72945	\$1,942.00
144027	S & M SERVICE STATION, INC	461	02/16/2024	CL	P75738	\$1,164.00
146025	SAM'S SHELL	203, 461	02/16/2024	VB	P78755	\$2,858.00
199687	SELECT AUTO BODY	109, 203	02/09/2024	VB	P74471	\$873.00
169385	SILVERADO CONTRACTORS, INC.	221, 1166	02/16/2024	VB	P72946	\$1,171.00
45032	SNOW VALLEY, INC.	203	02/23/2024	CL	P74667	\$1,171.00
18606	STEINER CORPORATION AMERICAN LINEN SUPPLY COMPANY	203, 1146	02/23/2024	CL	P80052	\$1,873.00
170967	SUN VALLEY UNION 76	461, H&S 41960	02/16/2024	VB	P80601	\$1,531.00
200808	SURPRISE FINISHING	109, 203	02/08/2024	VB	P74030	\$1,456.50
151852	TESORO WEST COAST CO., LLC	461, H&S 41960.2	02/09/2024	CL	P77736	\$825.00
187052	VEER FUEL PARTNERS, INC.	203	02/02/2024	CL	P75721	\$1,942.00
149027	WARREN E & P, INC.	203	02/16/2024	VB	P75665	\$3,162.00
129097	WEIR CANYON HONDA	203, 461	02/09/2024	CL	P75623	\$873.00
163809	WEKA, INC.	403.1	02/09/2024	CL	P76473	\$3,471.00
153004	XTRA FUEL - #2	461	02/02/2024	CL	P78688	\$1,531.00
Total MSPAP Settlements: \$232,840.50						

**SOUTH COAST AQMD'S RULES AND REGULATIONS INDEX
FOR FEBRUARY 2024 PENALTY REPORT**

REGULATION I - GENERAL PROVISIONS

Rule 109 Recordkeeping for Volatile Organic Compound Emissions

REGULATION II - PERMITS

Rule 201 Permit to Construct

Rule 203 Permit to Operate

Rule 221 Plans

Rule 222 Filing Requirements for Specific Emission Sources Not Requiring a Written Permit Pursuant to Regulation II.

REGULATION IV - PROHIBITIONS

Rule 402 Nuisance

Rule 403 Fugitive Dust

Rule 403.1 Wind Entrainment of Fugitive Dust

Rule 461 Gasoline Transfer and Dispensing

Rule 463 Storage of Organic Liquids

REGULATION XI - SOURCE SPECIFIC STANDARDS

Rule 1118 Emissions from Refinery Flares

Rule 1137 PM10 Emission Reductions from Woodworking Operations

Rule 1146 Emissions of Oxides of Nitrogen from Industrial, Institutional and Commercial Boilers, Steam Generators, and Process Heaters

Rule 1146.1 Emissions of Oxides of Nitrogen from Small Industrial, Institutional, and Commercial Boilers, Steam Generators, and Process Heaters

Rule 1148.1 Oil and Gas Production Wells

Rule 1155 Particulate Matter Control Devices (10-08)

Rule 1166 Volatile Organic Compound Emissions from Decontamination of Soil

Rule 1173 Fugitive Emissions of Volatile Organic Compounds

Rule 1176 Sumps and Wastewater Separators

Rule 1178 Further Reductions of VOC Emissions from Storage Tanks at Petroleum Facilities

REGULATION XIV - TOXICS

Rule 1403 Asbestos Emissions from Demolition/Renovation Activities

Rule 1415 Reduction of Refrigerant Emissions from Stationary Air Conditioning Systems

Rule 1469 Hexavalent Chromium Emissions from Chrome Plating and Chromic Acid Anodizing Operations

**SOUTH COAST AQMD'S RULES AND REGULATIONS INDEX
FOR FEBRUARY 2024 PENALTY REPORT**

REGULATION XX - REGIONAL CLEAN AIR INCENTIVES MARKET (RECLAIM)

- Rule 2004 Requirements
- Rule 2012 Requirements for Monitoring, Reporting, and Recordkeeping for Oxides of Nitrogen (NOx) Emissions
- Rule 2012
- Appendix A Protocol for Monitoring, Reporting, and Recordkeeping for Oxides of Nitrogen (NOx) Emissions

REGULATION XXX- TITLE V PERMITS

- Rule 3002 Requirements

CODE OF FEDERAL REGULATIONS

- 40 CFR 60, QQQ Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater
- 40 CFR 61.145 Standard for Demolition and Renovation

CALIFORNIA HEALTH AND SAFETY CODE

- 41700 Prohibited Discharges
- 41960 Certification of Gasoline Vapor Recovery System
- 41960.2 Gasoline Vapor Recovery
- 42402 Violation of Emission Limitations – Civil Penalty