

BOARD MEETING DATE: May 5, 2023

AGENDA NO. 19

REPORT: Stationary Source Committee

SYNOPSIS: The Stationary Source Committee held a remote meeting on Friday, April 21, 2023. The following is a summary of the meeting.

RECOMMENDED ACTION:
Receive and file.

Mayor Larry McCallon, Chair
Stationary Source Committee

JA:cr

Committee Members

Present: Mayor Larry McCallon, Chair
Supervisor Holly J. Mitchell, Vice Chair
Councilmember Michael A. Cacciotti
Board Member Veronica Padilla-Campos
Councilmember José Luis Solache

Absent: Senator Vanessa Delgado (Ret.), (Board Chair)

Call to Order

Chair McCallon called the meeting to order at 10:35 a.m.

For additional information of the Stationary Source Committee Meeting, please refer to the [Webcast](#).

INFORMATIONAL ITEM:

1. Status of Proposed Amended Rule 1405 – Control of Ethylene Oxide Emissions from Sterilization and Related Operations

Michael Krause, Assistant Deputy Executive Officer/Planning, Rule Development, and Implementation, provided a briefing on the proposed amended rule and key remaining issues. For additional details, please refer to the [Webcast](#) beginning at 3:43.

Robina Sowul, California Safe Schools, requested that PAR 1405 rulemaking pause for OEHHA's updated risk factors. Ms. Sowul commented that South Coast AQMD should support a switch from EtO to safer alternatives, adopt much stricter emission limits at stacks, require fence-line monitoring on all large sterilizers and adopt emission limits and fence-line monitoring for warehouses. For additional details, please refer to the [Webcast](#) beginning at 20:50.

Sam Chung, California Life Sciences, requested additional time to evaluate PAR 1405 in light of proposed federal rulemaking. For additional details, please refer to the [Webcast](#) beginning at 22:51.

Kevin Wagner, Sterigenics US, LLC, commented that PAR 1405 is proceeding quickly and some PAR 1405 requirements could increase exposure to workers. Mr. Wagner requested PAR 1405 be deferred for 90 days and added that U.S. EPA recently released proposed NESHAP and FIFRA. Mr. Wagner expressed concern that 99.99 percent control efficiency or 0.01 ppm outlet concentration standards cannot be met by current technologies but believed 99.99 percent can be met over the entirety of a large facility. Mr. Wagner also commented that the 0.025 lb/hr mass emission limit is based on a mid-size facility with lower EtO usage than some Southern California facilities and therefore is not achievable. Mr. Wagner concurred with the requirement to install CEMS and requested an additional year to comply with the proposed 2025 compliance date. For additional details, please refer to the [Webcast](#) beginning at 23:47.

Bobby Patrick, Advanced Medical Technology Association, commented that PAR 1405 needs to address workability, feasibility, and implementation timeline, and expressed concerns about potential conflicts and confusion with the recently released NESHAP and FIFRA. Mr. Patrick also requested at least 90 days to allow them to respond to the modified drafts of PAR 1405. For additional details, please refer to the [Webcast](#) beginning at 26:47.

Rick Pulido, City of Carson, commented that the impact on communities should come first and agreed with industry that a delay with PAR 1405 is needed for further evaluation of warehouses and risk assessment updates. In addition, Mr. Pulido would like to know the results of mobile monitoring, and the actions that have been taken. He added that toxic hotspots facilities could possibly be moved to other areas. For additional details, please refer to the [Webcast](#) beginning at 28:43.

Jane Williams, California Communities Against Toxics, commented that the timelines for actions addressing EtO emissions and risks are long, and that permanent total enclosures (PTE) and negative air at sterilization facilities would not be adequate to reach the risk targets based on the new OEHHA proposed numbers.

Ms. Williams further commented that PAR 1405 does not include fenceline monitoring and does not address warehouses, and that fenceline monitoring is a control technology. For additional details, please refer to the [Webcast](#) beginning at 32:07.

Mark Abramowitz, Community Environmental Services, agreed with comments from Ms. Suwol and Ms. Williams. Mr. Abramowitz commented that South Coast AQMD should regulate precursors of EtO as a toxic because precursors would be transformed to EtO and expressed concern that PAR 1405 does not address this potentially large source of exposure to EtO. For additional details, please refer to the [Webcast](#) beginning at 35:18.

Chris Chavez, Coalition for Clean Air, commented that he agrees with statements from Ms. Williams, Ms. Suwol, and Mr. Abramowitz due to the implications for public health and smog formation. He urged staff to continue working in developing a strong rule to protect community health and improve air quality. For additional details, please refer to the [Webcast](#) beginning at 37:44.

Adrian Martinez, Earthjustice, commented that he agrees with comments from Ms. Williams, Ms. Suwol, Mr. Abramowitz, and Mr. Chavez. For additional details, please refer to the [Webcast](#) beginning at 38:48.

Felipe Aguirre, City of Maywood, stated Sterigenics in Vernon is near an elementary school in Maywood where many teachers developed cancer in the last few years. Mr. Aguirre was concerned with the fast pace of PAR 1405 development process, and the effectiveness of negative air enclosures. Mr. Aguirre requested a pause for PAR 1405 until OEHHA completes its rule in November. He concurred with previous speakers who asked for a delay in PAR 1405 and is concerned that PAR 1405 does not address warehouses. For additional details, please refer to the [Webcast](#) beginning at 40:05.

Chair McCallon asked if the monitored levels for the Carson facility dropped to ambient and Mr. Krause responded affirmatively. Chair McCallon asked about the exposures to employees. Ms. Susan Nakamura, Chief Operating Officer, stated that PAR 1405 is a technology based rule and includes the gold standard to control fugitive emissions. Ms. Nakamura added that staff was aware of the U.S. EPA and OEHHA risk numbers and that PAR 1405 is a very strong rule to address the elevated EtO emissions.

Chair McCallon expressed concerns on the feasibility for certain control systems inside the PTE. Ms. Nakamura replied that emissions inside the building and any monitoring within the building is under the purview of OSHA and would defer to OSHA or U.S. EPA regarding indoor air quality. Chair McCallon asked if PAR 1405

has requirements for indoor air quality. Ms. Nakamura replied no. Chair McCallon further inquired about OSHA requirements and Ms. Nakamura explained that those questions are better answered by other agencies that are responsible for indoor air quality and worker safety such as OSHA/EPA to address indoor air quality issues. For additional details, please refer to the [Webcast](#) beginning at 43:43.

Supervisor Mitchell asked why PAR 1405 does not include fenceline monitoring. Ms. Nakamura stated the need to focus on getting the controls installed and added that South Coast AQMD has a two-prong approach – PAR 1405 and AB 2588 Hotspots Program in Rule 1402. Both Sterigenics facilities in Ontario and Vernon have Early Action Reduction Plans which require the facilities to conduct monitoring. Ms. Nakamura stated that South Coast AQMD is considering a companion rule to address the monitoring for toxic air contaminants such as ethylene oxide. She stated that there are other ways to address monitoring and that PAR 1405 focuses on getting controls for all these facilities to reduce EtO emissions.

Supervisor Mitchell asked if mobile monitoring is equivalent to a point-in-time monitor as opposed to fenceline monitoring which is continuous. Ms. Nakamura explained that mobile monitoring is used as a screening tool, and the presence of EtO is confirmed by canister sampling. Ms. Nakamura added that both locations of Sterigenics have Early Action Reduction Plans that require ongoing ambient air monitoring and that South Coast AQMD is also conducting ambient air monitoring.

Supervisor Mitchell inquired about the timeline in PAR 1405 and asked if South Coast AQMD could do more after PAR 1405 is adopted. Ms. Nakamura explained that for air toxics there are three layers: Federal NESHAP, State ATCM and South Coast AQMD rules. She explained that South Coast AQMD is required to be at least as stringent as state and federal regulations, and that if U.S. EPA were to come out with something more stringent that South Coast AQMD would be required to modify its rule. Ms. Nakamura stated that PAR 1405 is more stringent than the draft NESHAP on many fronts. She added that the U.S. EPA draft rule is seeking 100-in-one million risk whereas PAR 1405 is technology forcing, trying to achieve 25-in-one million risk, and the facilities are also subject to AB 2588 which can require additional requirements to ensure the facility meets the 25-in-one million risk. For additional details, please refer to the [Webcast](#) beginning at 45:18.

Councilmember Solache inquired about the pros and the cons of waiting for state and federal rule changes. Ms. Nakamura stated that the biggest pro to moving forward is the community health protection, and that upon approval of PAR 1405, there would be enforceable conditions for all facilities. Councilmember Solache asked whether Rule 1405 could be amended in the future to address state or federal changes and Ms. Nakamura responded affirmatively.

Councilmember Solache asked about the findings and actions taken for the Vernon facility. Ms. Nakamura explained that there are two facilities in Vernon next to each other that are referred to as one facility, and that South Coast AQMD's mobile monitor showed elevated levels around this facility. This facility was designated under Rule 1402 as a potentially high-risk level facility with an established timeline for controls. As a result, the ambient EtO levels have come down substantially, and it is expected that upon completion of the PTE the ambient levels should be close to or near background levels.

Councilmember Solache asked if there are additional actions that South Coast AQMD can take between now and then to protect the community. Ms. Nakamura stated that there is the parallel process under Rule 1402, but PAR 1405 is needed to address the other facilities not currently addressed in Rule 1402. For additional details, please refer to the [Webcast](#) beginning at 51:40.

Councilmember Cacciotti inquired about the maps shown for the three sterilization facilities and Ms. Nakamura described the location of the facilities, the enhanced signals shown in the map, and the steps taken following the high levels observed from mobile monitoring. Councilmember Cacciotti inquired about the location and proximity of residential locations around the facilities and Ms. Nakamura confirmed their locations and the background levels observed.

Councilmember Cacciotti asked whether there was any way to verify effectiveness of controls without fence-line monitoring. Ms. Nakamura responded that installation of controls technologies are shown to be effective through ambient monitoring, continuous in-stack monitoring, and continuous differential pressure monitoring of the PTEs with building opening measurements.

Councilmember Cacciotti inquired about CEMS for stack emissions. Ms. Nakamura explained that CEMS data could be provided to South Coast AQMD and that CEMS have been implemented in other rules. Councilmember Cacciotti asked about the possibility to manipulate these systems and Ms. Nakamura explained that there are protocols and requirements to ensure that the CEMS systems are working properly and South Coast AQMD can also conduct emissions testing and ambient monitoring.

Councilmember Cacciotti inquired about secondary formation of EtO. Ms. Nakamura stated that South Coast AQMD is concerned about the background levels of EtO because even background EtO levels may be of concern with the proposed OEHHA revisions. Dr. Sarah Rees, Deputy Executive Officer, Planning, Rule Development and Implementation, stated that more work is needed to evaluate the sources of EtO and precursors of EtO, and South Coast AQMD will continue collaborating with CARB and other agencies. For additional details, please refer to the [Webcast](#) beginning at 57:07.

Board Member Padilla-Campos inquired about post-aeration and where it occurs. Ms. Nakamura responded that it would depend on the facility. PAR 1405 would require post-aeration operations to be in a PTE that the air is vented to pollution controls that meet the requirements of Proposed Amended Rule 1405.

Board Member Padilla-Campos inquired about the duration for which a product continues to off-gas. Ms. Nakamura replied that there is not enough data to answer the question and stated that PAR 1405 would collect additional information on warehouses and would likely return to address warehouses in a separate rule. Board Member Padilla-Campos asked whether staff can potentially come back once there is more information on warehouses, and Ms. Nakamura responded affirmatively.

Board Member Padilla-Campos asked if PAR 1405 is stricter than what U.S. EPA adopted in 2016. Ms. Nakamura stated that South Coast AQMD follows cancer risk values established by OEHHA. PAR 1405 is a technology-based rule, and maximizes emissions reductions based on the best available technology, thereby minimizing risks.

Board Member Padilla-Campos stated she was surprised by communities' request for an extension and that she was concerned with a potential lag time of two years. Ms. Nakamura clarified that this was an informational item and encouraged the committee to allow the rule to proceed. Chair McCallon stated that there have been significant issues brought up by both industry and communities that need to be addressed and proposed to return to the Committee with an update in 60 days with full Board consideration with a 90-day delay.

For additional details, please refer to the [Webcast](#) beginning at 1:05:16.

Councilmember Solache asked that staff continue working with industry and communities and come back to the committee addressing these concerns but reiterated the need to continue protecting the community.

Supervisor Mitchell asked staff for input on the delay. Ms. Nakamura stated she was not in favor of a delay and suggested returning to the committee next month. Supervisor Mitchell expressed concern about the length of the delay in Chair McCallon's proposal and asked if he would be open to following staff's suggestion of bringing PAR 1405 back to the Stationary Source Committee next month while she could reach out to environmental groups.

Councilmember Cacciotti stated he would recommend going along with Supervisor Mitchell's suggestion although he agreed with Chair McCallon's characterization of the situation with environmental groups and industry.

Chair McCallon asked Councilmember Cacciotti if he is proposing to bring this back before the Stationary Source Committee in May and not delay the hearing.

Councilmember Cacciotti asked Ms. Nakamura if that was the recommendation and she responded affirmatively. Chair McCallon stated that staff must address each issue brought up by all stakeholders and Ms. Nakamura agreed.

For additional details, please refer to the [Webcast](#) beginning at 1:12:29.

WRITTEN REPORTS:

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

The report was acknowledged by the committee.

3. Twelve-month and Three-month Rolling Average Price of Compliance Years 2022 and 2023 NOx and SOx RTCs (January – March 2023)

The report was acknowledged by the committee.

4. Notice of Violation Penalty Summary

The report was acknowledged by the committee.

OTHER MATTERS:

5. Other Business

Mayor McCallon requested staff to provide an update to the Committee concerning PAR 1148.2 notification requirements at the next meeting. Ms. Nakamura agreed to this request. For additional details, please refer to the [Webcast](#) beginning at 1:17:50.

6. Public Comment Period

Mark Abramowitz, Community Environmental Services, stated that he is concerned that Staff has removed Rule 1135 from the Board’s Calendar. He urged the Committee to press staff to put this Rule back on track to reduce diesel emissions from their engines on Catalina Island.

Rick Pulido, City of Carson, commented that he is impressed with South Coast AQMD and its new Board Members. He appreciates that the Committee wants to move forward, streamline, and be innovative in all projects and rule changes. He emphasized that environmentalists are here to help. For additional details, please refer to the [Webcast](#) beginning at 1:19:30.

7. Next Meeting Date

The next Stationary Source Committee meeting is scheduled for Friday, May 19, 2023 at 10:30 a.m.

Adjournment

The meeting was adjourned at 12:00 p.m.

Attachments

1. Attendance Record
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
3. Twelve-month and Three-month Rolling Average Price of Compliance Years 2022 and 2023 NOx and SOx RTCs (January – March 2023)
4. Notice of Violation Penalty Summary

ATTACHMENT 1

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT STATIONARY SOURCE COMMITTEE

Attendance –April 21, 2023

Councilmember Michael A. Cacciotti South Coast AQMD Board Member
Mayor Larry McCallon South Coast AQMD Board Member
Supervisor Holly J. Mitchell South Coast AQMD Board Member
Board Member Veronica Padilla-Campos South Coast AQMD Board Member
Councilmember José Luis Solache South Coast AQMD Board Member

Ron Ketcham Board Consultant (McCallon)
Debra Mendelsohn Board Consultant (McCallon)
Mark Taylor Board Consultant (Rodriguez)

Mark Abramowitz Community Environmental Services
Felipe Aguirre City of Maywood
Chris Chavez Coalition for Clean Air
Sam Chung California Life Sciences
Adrian Martinez Earthjustice
Bobby Patrick VI Advanced Medical Technology Association
Rick Pulido City of Carson
Robina Suwol California Safe Schools
Kevin Wagner Sterigenics
Peter Whittingham Whittingham Public Affairs Advisors
Jane Williams California Communities Against Toxics

Jason Aspell South Coast AQMD staff
Barbara Baird South Coast AQMD staff
Stephen Dutz South Coast AQMD staff
Bayron Gilchrist South Coast AQMD staff
Sheri Hanizavareh South Coast AQMD staff
Anissa Heard-Johnson South Coast AQMD staff
Mark Henninger South Coast AQMD staff
Sujata Jain South Coast AQMD staff
Aaron Katzenstein South Coast AQMD staff
Michael Krause South Coast AQMD staff
Jason Low South Coast AQMD staff
Ian MacMillan South Coast AQMD staff
Terrence Mann South Coast AQMD staff
Michael Morris South Coast AQMD staff
Ron Moskowitz South Coast AQMD staff
Susan Nakamura South Coast AQMD staff
Nichole Quick South Coast AQMD staff
Sarah Rees South Coast AQMD staff
Catherine Rodriguez South Coast AQMD staff
Lisa Tanaka O'Malley South Coast AQMD staff
Mei Wang South Coast AQMD staff
Jillian Wong South Coast AQMD staff
Paul Wright South Coast AQMD staff
Victor Yip South Coast AQMD staff

April 2023 Update on Work with U.S. EPA and CARB 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. Key activities with U.S. EPA and CARB since the last report are summarized below.

- RECLAIM/NSR Working Group meeting was not held in April
- Next meeting scheduled for May 11, 2023 to discuss the latest considerations for proposed amendments to Regulation XIII and XX



South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

Twelve-Month and Three-Month Rolling Average Price of Compliance Years 2022 and 2023 NOx and SOx RTCs (January – March 2023)

April 2023 Report to Stationary Source Committee

Table I

Twelve-Month Rolling Average Price Data for Compliance Year 2022 NOx RTCs
(Report to Governing Board if rolling average price greater than \$22,500/ton)¹

Twelve-Month Rolling Average Price Data for Compliance Year 2022 NOx RTC					
Reporting Month	12-Month Period	Total Volume Traded with Price During Past 12-month (tons)	Total Price of Volume Traded During Past 12-month (\$)	Number of Trades with Price	Rolling Average Price ² (\$/ton)
Jan-22	Jan-21 to Dec-21	165.4	\$5,473,709	18	\$33,085
Feb-22	Feb-21 to Jan-22	165.4	\$5,473,709	18	\$33,085
Mar-22	Mar-21 to Feb-22	165.4	\$5,473,709	18	\$33,085
Apr-22	Apr-21 to Mar-22	193.6	\$6,611,522	22	\$34,146
May-22	May-21 to Apr-22	194.6	\$6,656,124	24	\$34,198
Jun-22	Jun-21 to May-22	176.4	\$6,227,716	22	\$35,311
Jul-22	Jul-21 to Jun-22	174.8	\$6,373,786	24	\$36,457
Aug-22	Aug-21 to Jul-22	176.3	\$6,434,733	32	\$36,489
Sep-22	Sep-21 to Aug-22	174.6	\$6,443,413	33	\$36,894
Oct-22	Oct-21 to Sep-22	151.8	\$5,960,928	31	\$39,280
Nov-22	Nov-21 to Oct-22	155.6	\$6,005,989	44	\$38,611
Dec-22	Dec-21 to Nov-22	105.6	\$4,005,989	42	\$37,953
Jan-23	Jan-22 to Dec-22	87.8	\$3,238,965	41	\$36,871
Feb-23	Feb-22 to Jan-23	286.8	\$6,212,543	77	\$21,659
Mar-23	Mar-22 to Feb-23	356.0	\$7,298,709	93	\$20,501
Apr-23	Apr-22 to Mar-23	327.8	\$6,160,896	89	\$18,792

Table II

Twelve-Month Rolling Average Price Data for Compliance Year 2023 NOx RTCs
(Report to Governing Board if rolling average price greater than \$22,500/ton)¹

Twelve-Month Rolling Average Price Data for Compliance Year 2023 NOx RTC					
Reporting Month	12-Month Period	Total Volume Traded with Price During Past 12-month (tons)	Total Price of Volume Traded During Past 12-month (\$)	Number of Trades with Price	Rolling Average Price² (\$/ton)
Jan-23	Jan-22 to Dec-22	40.8	\$1,954,673	5	\$47,864
Feb-23	Feb-22 to Jan-23	40.9	\$1,956,548	6	\$47,866
Mar-23	Mar-22 to Feb-23	40.9	\$1,956,548	6	\$47,866
Apr-23	Apr-22 to Mar-23	40.9	\$1,956,548	6	\$47,866

Table III

Three-Month Rolling Average Price Data for Compliance Year 2022 NOx RTCs
(Report to Governing Board if rolling average price greater than \$35,000/ton)¹

Three-Month Rolling Average Price Data for Compliance Year 2022 NOx RTC					
Reporting Month	3-Month Period	Total Volume Traded with Price During Past 3-month (tons)	Total Price of Volume Traded During Past 3-month (\$)	Number of Trades with Price	Rolling Average Price² (\$/ton)
Jan-22	Oct-21 to Dec-21	97.4	\$3,780,324	10	\$38,803
Feb-22	Nov-21 to Jan-22	79.5	\$3,110,524	7	\$39,114
Mar-22	Dec-21 to Feb-22	29.5	\$1,110,524	5	\$37,614
Apr-22	Jan-22 to Mar-22	28.2	\$1,137,813	4	\$40,372
May-22	Feb-22 to Apr-22	29.2	\$1,182,415	6	\$40,506
Jun-22	Mar-22 to May-22	29.2	\$1,182,415	6	\$40,506
Jul-22	Apr-22 to Jun-22	21.3	\$852,942	6	\$40,000
Aug-22	May-22 to Jul-22	24.3	\$962,009	13	\$39,531
Sep-22	Jun-22 to Aug-22	25.1	\$998,189	15	\$39,706
Oct-22	Jul-22 to Sep-22	4.8	\$189,849	11	\$39,359
Nov-22	Aug-22 to Oct-22	22.5	\$751,041	18	\$33,377
Dec-22	Sep-22 to Nov-22	21.7	\$714,861	16	\$32,946
Jan-23	Oct-22 to Dec-22	33.5	\$1,058,361	20	\$31,577
Feb-23	Nov-22 to Jan-23	210.8	\$3,317,078	40	\$15,735
Mar-23	Dec-22 to Feb-23	280.0	\$4,403,244	56	\$15,726
Apr-23	Jan-23 to Mar-23	268.2	\$4,059,744	52	\$15,138

Table IV

Three-Month Rolling Average Price Data for Compliance Year 2023 NOx RTCs
(Report to Governing Board if rolling average price greater than \$35,000/ton)¹

Three-Month Rolling Average Price Data for Compliance Year 2023 NOx RTC					
Reporting Month	3-Month Period	Total Volume Traded with Price During Past 3-month (tons)	Total Price of Volume Traded During Past 3-month (\$)	Number of Trades with Price	Rolling Average Price² (\$/ton)
Jan-23	Oct-22 to Dec-22	14.4	\$545,813	3	\$38,000
Feb-23	Nov-22 to Jan-23	14.4	\$547,688	4	\$38,031
Mar-23	Dec-22 to Feb-23	14.4	\$547,688	4	\$38,031
Apr-23	Jan-23 to Mar-23	0.04	\$1,875	1	\$50,000

¹ District Rule 2002 (f)(1)(H) requires that any rolling average price greater than the threshold triggers a report to the Governing Board. The Governing Board determined at the March 3, 2023 meeting that the requirements of Rule 2002 (f)(1)(H) are no longer applicable to the RECLAIM program, therefore this information is provided as a courtesy.

² District Rule 2015(b)(6) - Backstop Provisions provides additional "evaluation and review of the compliance and enforcement aspects of the RECLAIM program" if the average annual RTC price reported in the RECLAIM Annual Audit Report exceeds \$15,000 per ton. The average annual RTC price is reported to the Governing Board in March of each year. The Governing Board determined at the March 3, 2023 meeting that no additional analysis or action was required in response to the price threshold exceedance from the most recent report.

Table V

Twelve-Month Rolling Average Price Data for Compliance Year 2022 SOx RTCs
(Report to Governing Board if rolling average price greater than \$50,000/ton)³

Twelve-Month Rolling Average Price Data for Compliance Year 2022 SOx RTC					
Reporting Month	12-Month Period	Total Volume Traded with Price During Past 12-month (tons)	Total Price of Volume Traded During Past 12-month (\$)	Number of Trades with Price	Rolling Average Price ⁴ (\$/ton)
Jan-22	Jan-21 to Dec-21	None	-	-	-
Feb-22	Feb-21 to Jan-22	None	-	-	-
Mar-22	Mar-21 to Feb-22	None	-	-	-
Apr-22	Apr-21 to Mar-22	None	-	-	-
May-22	May-21 to Apr-22	None	-	-	-
Jun-22	Jun-21 to May-22	None	-	-	-
Jul-22	Jul-21 to Jun-22	None	-	-	-
Aug-22	Aug-21 to Jul-22	None	-	-	-
Sep-22	Sep-21 to Aug-22	None	-	-	-
Oct-22	Oct-21 to Sep-22	None	-	-	-
Nov-22	Nov-21 to Oct-22	None	-	-	-
Dec-22	Dec-21 to Nov-22	None	-	-	-
Jan-23	Jan-22 to Dec-22	131.5	\$262,908	6	\$2,000
Feb-23	Feb-22 to Jan-23	135.3	\$273,999	8	\$2,025
Mar-23	Mar-22 to Feb-23	135.3	\$273,999	8	\$2,025
Apr-23	Apr-22 to Mar-23	135.3	\$273,999	8	\$2,025

Table VI

Twelve-Month Rolling Average Price Data for Compliance Year 2023 SOx RTCs
(Report to Governing Board if rolling average price greater than \$50,000/ton)³

Twelve-Month Rolling Average Price Data for Compliance Year 2023 SOx RTC					
Reporting Month	12-Month Period	Total Volume Traded with Price During Past 12-month (tons)	Total Price of Volume Traded During Past 12-month (\$)	Number of Trades with Price	Rolling Average Price ⁴ (\$/ton)
Jan-23	Jan-22 to Dec-22	None	-	-	-
Feb-23	Feb-22 to Jan-23	None	-	-	-
Mar-23	Mar-22 to Feb-23	None	-	-	-
Apr-23	Apr-22 to Mar-23	None	-	-	-

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- ³ Pursuant to District Rule 2002(f)(1)(Q), the requirement to report 12-month rolling average SOx RTC price ended February 1, 2020. This table is provided as a courtesy.
- ⁴ District Rule 2015(b)(6) - Backstop Provisions provides additional “evaluation and review of the compliance and enforcement aspects of the RECLAIM program” if the average annual RTC price reported in the RECLAIM Annual Audit Report exceeds \$15,000 per ton. The average annual RTC price is reported to the Governing Board in March of each year.

**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
General Counsel's Office**

Settlement Penalty Report (03/01/2023 - 03/31/2023)

Total Penalties

Civil Settlement: \$232,318.00
Hearing Board Settlement: \$7,000.00
MSPAP Settlement: \$27,339.00

Total Cash Settlements: \$266,657.00

Fiscal Year through 03/31/2023 Cash Total: \$4,412,244.71

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbrs	Total Settlement
Civil						
185836	CASSADY ROOFING, INC.	40 CFR 61.145, 1403	03/29/2023	ND	P67525	\$10,900.00
148925	CHERRY AEROSPACE	2012	03/01/2023	ND	P68669	\$2,727.50
800372	EQUILON ENTER. LLC, SHELL OIL PROD. US	462, 2004, 2012 Appendix A, 3002	03/01/2023	EC	P67380, P69255, P69285	\$4,000.00
12332	GATX CORPORATION	3002	03/01/2023	JL	P74107, P74131	\$9,819.00
190666	H&T SEAFOOD, INC.	1415.1	03/03/2023	SH	P67025	\$1,000.00
97578	HI TECH ENVIRONMENTAL SVCS, INC.	222, 1403	03/24/2023	BT	P65934, P68810, P69443	\$2,000.00
177197	IDCS CONSTRUCTION	40 CFR 61.145, 1403	03/10/2023		P72964	\$3,900.00
193175	JEFFERSON, BARBARA L TRUST	40 CFR 61.145, 1403	03/08/2023	ND	P67529	\$1,865.00
155877	MILLERCOORS USA, LLC	2004, 2012 Appendix A, 3002	03/01/2023	EC	P66122, P66129, P66130, P66144	\$14,200.00
163406	P.W. STEPHENS ENVIRONMENTAL, INC.	40 CFR 61.145, 1403	03/24/2023	BT	P64590, P64591, P65515, P65918, P65929, P66442, P67407, P67490, P68801, P69404, P69421, P69832, P70135, P70289, P74423, P74439, P74572, P74588, P76228	\$56,900.00

Fac ID	Company Name	Rule Number	Settled Date	Init	Notice Nbrs	Total Settlement
140518	SHANCOR TESTING	461, 1166	03/29/2023	ND	P66023, P67604, P68446, P70233, P70367	\$28,689.50
101977	SIGNAL HILL PETROLEUM, INC.	1173, 203, 2004	03/29/2023	JL	P66516, P66849, P73367, P74525	\$33,373.50
170543	SIGNAL HILL PETROLEUM, INC.	203, 463	03/08/2023	ND	P66841, P69295	\$16,926.00
183009	SIGNAL HILL PETROLEUM, INC.	203, 463	03/29/2023	JL	P69267	\$8,782.50
800436	TESORO REFINING AND MARKETING CO., LLC	221, 463, 1105.1, 1118, 1173, 1176, 2012, 3002	03/22/2023	DH	P63370, P68964, P68966, P68968	\$1,000.00
800288	UNIV CAL IRVINE (NSR USE ONLY)	218, 3002	03/08/2023	JL	P68591, P68596, P76404	\$19,638.00
192287	WHITTIER BROKERS	40 CFR 61.145, 1403	03/08/2023	ND	P67526	\$3,597.00
177720	ZOUHEIR OIL, INC.	461, 41960.2	03/29/2023	JL	P69624, P69631, P69636	\$13,000.00
Total Civil Settlements : \$232,318.00						
Hearing Board						
112573	FREUND BAKING COMPANY	1153.1	03/29/2023	JL	6226-1	\$3,500.00
112573	FREUND BAKING COMPANY	1153.1	03/01/2023	JL	6226-1	\$3,500.00
Total Hearing Board Settlements : \$7,000.00						
MSPAP						
147870	ARCO OF DOWNEY	461	03/24/2023	GV	P78651	\$718.00
57088	ASSOCIATED READY MIXED CONCRETE	403	03/03/2023	MT	P76410	\$4,455.00
194813	DR HORTON DEL SOL PROJECT	403	03/17/2023	GV	P64790	\$4,455.00
115888	INTERNATIONAL FORKLIFT CO., INC	203	03/03/2023	GV	P74458	\$1,337.00
155794	LAX WHEEL REFINISHING, INC.	203, 1147	03/10/2023	GV	P76302	\$6,415.00
101461	ORTIZ ENTERPRISES, INC.	403	03/07/2023	GV	P68787	\$2,807.00
135682	VASQUEZ MAINTENANCE	1166	03/03/2023	GV	P70198	\$1,524.00
173722	WESTERN OIL, INC.	41960, 461	03/17/2023	GV	P74822	\$2,118.00
52142	YOLANDAS PLATING	203, 1469	03/03/2023	GV	P70148	\$3,510.00
Total MSPAP Settlements : \$27,339.00						

**SOUTH COAST AQMD'S RULES AND REGULATIONS INDEX
FOR MARCH 2023 PENALTY REPORT**

REGULATION II - PERMITS

- Rule 203 Permit to Operate
- Rule 218 Continuous Emission Monitoring
- Rule 221 Plans
- Rule 222 Filing Requirements for Specific Emission Sources Not Requiring a Written Permit Pursuant to Regulation II.

REGULATION IV - PROHIBITIONS

- Rule 403 Fugitive Dust - *Pertains to solid particulate matter emitted from man-made activities.*
- Rule 461 Gasoline Transfer and Dispensing
- Rule 462 Organic Liquid Loading
- Rule 463 Storage of Organic Liquids

REGULATION XI - SOURCE SPECIFIC STANDARDS

- Rule 1105.1 Reduction of PM and Ammonia Emissions from Fluid Catalytic Cracking Units
- Rule 1118 Emissions from Refinery Flares
- Rule 1147 NOx Reductions from Miscellaneous Sources
- Rule 1153.1 Emissions of Oxides of Nitrogen from Commercial Food Ovens
- Rule 1166 Volatile Organic Compound Emissions from Decontamination of Soil
- Rule 1173 Fugitive Emissions of Volatile Organic Compounds
- Rule 1176 Sumps and Wastewater Separators

REGULATION XIV - TOXICS

- Rule 1403 Asbestos Emissions from Demolition/Renovation Activities
- Rule 1415.1 Reduction of Refrigerant Emissions from Stationary Refrigeration Systems
- Rule 1469 Hexavalent Chromium Emissions from Chrome Plating and Chromic Acid Anodizing Operations

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
- Appendix A
- Rule 2012 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 61.145 Standard for Demolition and Renovation

CALIFORNIA HEALTH AND SAFETY CODE

41960 Certification of Gasoline Vapor Recovery System

41960.2 Gasoline Vapor Recovery