



# NO<sub>x</sub> RECLAIM WORKING GROUP MEETING

SEPTEMBER 8, 2022

JOIN ZOOM WEBINAR MEETING

[HTTPS://SCAQMD.ZOOM.US/J/98344812021](https://scaqmd.zoom.us/j/98344812021)

MEETING ID: 983 4481 2021

TELECONFERENCE DIAL-IN: 1-669-900-6833

# Agenda

- Rulemaking Status on Landing Rules
- Responses to Stakeholder Comments from July 14, 2022 Working Group Meeting
- Ongoing Efforts and Next Steps



# RULEMAKING STATUS ON LANDING RULES



# Rules Under Development



## PAR 1153.1 – Commercial Food Ovens

Public Hearing: December 2, 2022



## PR 1159.1 – Nitric Acid Processing Tanks

Public Hearing: December 2, 2022

# PR 1159.1 – Nitric Acid Processing Tanks

- Working Group Meeting #4 held on August 17, 2022
  - Presented estimated NOx emissions for universe and exemption for low emitting units
  - Discussed rule concepts
- Working Group Meeting #5 held on August 31, 2022
  - Presented initial rule language
- Public Hearing: December 2, 2022



<https://tri-mer.com/tanks/polypro-tanks-case-study.html>

# PAR 1153.1 – Commercial Food Ovens

- Working Group Meeting #4 held on August 31, 2022
  - Discussed rule concepts
  - Considering stakeholder input
- Next Working Group Meeting: Late September 2022
- Public Hearing: December 2, 2022



# Emission Reductions (Tons per Day\*)



Rules 1146, 1146.1, 1146.2  
– Boilers, Process Heaters,  
and Steam Generators

0.27



Rule 1135 – Electricity  
Generating Facilities

1.7



Rule 1118.1 – Non  
Refinery Flares

0



Rule 1110.2 –  
Liquid-Fueled and  
Gaseous Engines

0.29



Rule 1109.1– Refinery  
Equipment

7.7



Rule 1117 – Container  
Glass Melting/Sodium  
Silicate Furnaces

0.57



Rule 1134 – Gas  
Turbines

1.8



Rule 1147.1 –  
Aggregate Facilities

0.04



Rule 1147 –  
Miscellaneous  
Combustion Sources

0.54



Rule 1147.2 – Metal  
Melting and Heating  
Furnaces

0.47

**Total NOx Reductions = 13.38 tons per day\***

\* Sum of NOx reductions from RECLAIM facilities only. Some NOx reductions may be attributed to the 2015 RECLAIM shave.



**RESPONSES TO STAKEHOLDER COMMENTS  
FROM JULY 14, 2022 WORKING GROUP MEETING**





# Comment #1: Reconciliation in Final Compliance Year

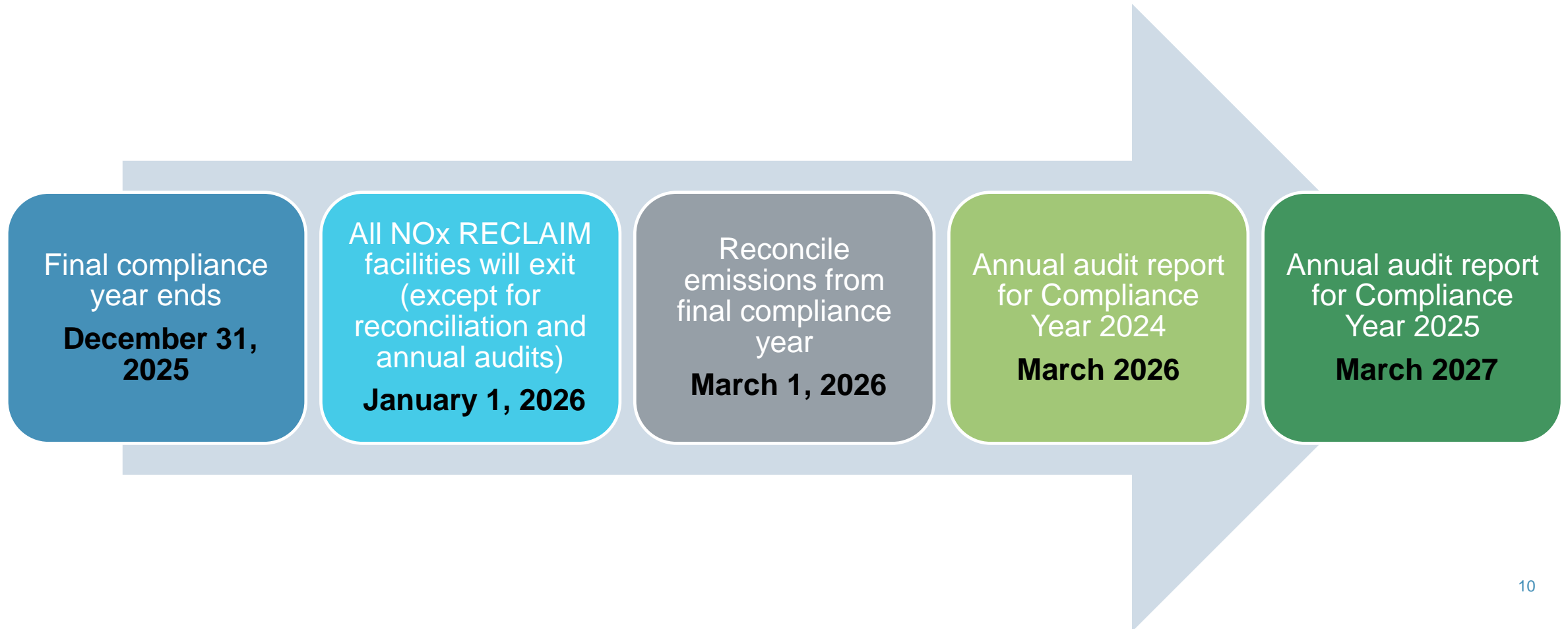
## Comment

- Stakeholders asked about RECLAIM trading credit (RTC) availability after proposed NOx RECLAIM exit date of January 1, 2026
- Requested guidance document describing reconciliation for the final compliance year

## Response

- RTCs will be available to reconcile emissions for the final compliance year
- RTCs will not be available to address compliance issues identified during annual audits that occur after the NOx RECLAIM exit date
  - Potential violations will be addressed by the Office of Compliance and Enforcement and are subject to penalties
- Staff will describe reconciliation process for the final compliance year in the staff report

# Proposed Timeline for NOx RECLAIM Transition



# Comment #2: NO<sub>x</sub> RECLAIM Exit Date

## Comment

- Stakeholders expressed concern with a fixed NO<sub>x</sub> RECLAIM exit date (i.e. January 1, 2026) given the need and uncertainty for CARB and U.S. EPA approval
  - Time needed for facilities to plan for reconciliation
- Proposed to tie exit date to U.S. EPA approval date
- Requested sufficient advance notice if Regulation XX needs to be reopened to postpone exit date

## Response

- Staff is considering stakeholder request to tie exit date to U.S. EPA approval versus fixed exit date
  - Staff prefers fixed exit date to provide more certainty
- If fixed exit date approach is selected, staff commits to reporting to Stationary Source Committee in 1<sup>st</sup> quarter of 2025 if rulemaking needs to be reinitiated to postpone exit date
- Staff is seeking stakeholder feedback

# Pros and Cons of Fixed Exit Date vs. Exit Date Tied to U.S. EPA Approval Date

	Pros	Cons
<b>Fixed Exit Date (i.e. January 1, 2026)</b>	<ul style="list-style-type: none"><li>Exit date clear in Regulation XX</li></ul>	<ul style="list-style-type: none"><li>Possibility that staff will need to reinitiate rulemaking to postpone exit date if U.S. EPA has not approved</li></ul>
<b>Exit Date Tied to U.S. EPA Approval Date</b>	<ul style="list-style-type: none"><li>Staff will not need to reinitiate rulemaking to postpone exit date</li></ul>	<ul style="list-style-type: none"><li>Exit date unclear in Regulation XX; facilities will need to monitor U.S. EPA approvals</li><li>Timing of U.S. EPA approval in calendar year may give facilities less time to plan for reconciliation</li></ul>

# Ongoing Efforts and Next Steps



Continue rulemaking activities



Continue working with U.S. EPA, CARB, and stakeholders



Monthly RECLAIM and Regulation XIII NSR Working Group Meetings



Quarterly Stationary Source Committee updates

# Contacts – RECLAIM & New Source Review

General Questions	Michael Krause	Assistant Deputy Executive Officer	909-396-2706	mkrause@aqmd.gov
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To receive e-mail notifications for Regulation XX or Regulation XIII, sign up at: [www.aqmd.gov/sign-up](http://www.aqmd.gov/sign-up)  
 To view proposed rules and supporting documentation, visit the South Coast AQMD Proposed Rules webpage at:  
<http://www.aqmd.gov/home/rules-compliance/rules/scaqmd-rule-book/proposed-rules>

# Contacts – Proposed Rules

## Proposed Rule 1159.1

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## Proposed Amended Rule 1153.1

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