

**APPENDIX E**  
**Approved Waivers**



**REGION 9**

SAN FRANCISCO, CA 94105

May 8, 2026

Brandon Feenstra  
Monitoring Network Manager  
South Coast Air Quality Management District  
21865 Copley Dr.  
Diamond Bar, CA 91765

Dear Manager Feenstra:

This letter provides the U.S. Environmental Protection Agency's (EPA) review and approval for South Coast Air Quality Management District's (South Coast AQMD) request to waive two siting requirements specified in 40 CFR part 58, Appendix E for the Pasadena (Air Quality System (AQS) ID: 06-037-2005) State or Local Air Monitoring Station (SLAMS) ozone (O<sub>3</sub>) and nitrogen dioxide (NO<sub>2</sub>) monitors per 40 CFR part 58, Appendix E, §4.2. A request for approval of this siting waiver for the O<sub>3</sub> and NO<sub>2</sub> monitors was submitted to EPA on January 8, 2026. Based on an assessment of your request, EPA approves and grants a waiver from the spacing from obstructions and spacing from trees requirements in 40 CFR part 58, Appendix E, §2.3(a) and §2.4(a) respectively, for the O<sub>3</sub> and NO<sub>2</sub> monitors at the Pasadena site.

The Pasadena site was established in 1982 providing a continuous O<sub>3</sub> and NO<sub>2</sub> data record for 44 years, and a long-term trend for the western San Gabriel Valley corridor. The probe inlet for O<sub>3</sub> and NO<sub>2</sub> does not meet 40 CFR part 58, Appendix E, §2.3(a), which states that "...the horizontal distance from the obstacle to the probe inlet must be at least twice the height that the obstacle protrudes above the probe inlet," and §2.4(a), which states that "...the probe inlet should be 20 meters or more from the dripline of trees and must be at least 10 meters from the dripline of trees." These siting criteria are not met due to the presence of oak trees, which are protected by the City of Pasadena, and are prohibited from tree trimming or removal.

The information provided in your request and the 2025 Annual Network Plan (ANP) document that the trees are 6.6 meters (m) above the height of the probe and 9.0 m horizontally from the probe. Considering the trees are 6.6 m above the height of the probe, 40 CFR part 58, Appendix E, §2.3(a) would require a minimum horizontal distance from those trees to the probe of 13.2 m, indicating the distance is not met by 4.2 m. Additionally, the horizontal distance requirement from the dripline of trees to the probe in 40 CFR part 58, Appendix E, §2.4(a) is 10 m, indicating that the horizontal distance is not met by 1.0 m.

A siting waiver may be granted for an existing site per 40 CFR part 58, Appendix E, §4.2 provided that the site meets one of the criteria specified in 40 CFR part 58, Appendix E, §4.1. While South Coast AQMD provided rationale for both of the waiver criteria (40 CFR part 58, Appendix E, §4.1.1 and §4.1.2), only one is required, therefore EPA reviewed the submission for 40 CFR part 58, Appendix E, §4.1.1, which states that a waiver may be granted if the existing site "...can be demonstrated to be as representative of the monitoring area as it would be if the siting criteria were being met."

In order to demonstrate this criterion is met, a parallel monitoring study was conducted July 31–September 16, 2025, with a 2BTech POM Federal Equivalent Method (FEM) O<sub>3</sub> monitor that met Appendix E siting criteria located nearby to the Pasadena Teledyne T400 FEM O<sub>3</sub> monitor. The results of this study demonstrated there was a negligible difference in the maximum daily 8-hour rolling average O<sub>3</sub> concentrations between the two monitors, therefore establishing that the existing site is representative of the monitoring area as if siting criteria were met. While the study focused on O<sub>3</sub>, its findings are also reasonable to apply to NO<sub>2</sub> due to the photochemical coupling between O<sub>3</sub>, nitric oxide (NO), and NO<sub>2</sub>, as the pollutants are governed by the same atmospheric mixing, dispersion, and transport processes. Therefore, considering the location of the trees, which are located 9.0 m west of the monitor's probe just under the dripline requirement and not an obstruction to airflow, as well as the aforementioned supplemental study, EPA concludes that the site is representative of the monitoring area as it would be if the siting criteria were met.

Based on the analysis above, 40 CFR part 58, Appendix E, §4.1.1 is met for the O<sub>3</sub> and NO<sub>2</sub> monitors at the Pasadena site, fulfilling the waiver requirements of 40 CFR part 58 Appendix E, §4.2. Due to proximity of the tree to the probe inlet and siting conditions that may continue to degrade due to tree growth, EPA encourages South Coast AQMD to continue monitoring the tree growth in the area and remedy the siting conditions.

Please include this letter and the relevant monitor and site information in the next South Coast AQMD ANP. Please also include a comment in AQS that an Appendix E siting waiver for proximity to trees was granted for the Pasadena O<sub>3</sub> and NO<sub>2</sub> monitors, citing the date of this letter. Finally, please note that per 40 CFR part 58, Appendix E, §4.3, the approval date of this waiver must be documented in the ANP and the waiver must be renewed every 5 years.

If you have any questions regarding this letter, please feel free to contact me at (415) 947-4107 or Bilal Qazzaz at (415) 947-3532.

Sincerely,

JULIA  
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Julia Carlstad, Acting Manager  
Monitoring and Analysis Section  
Air and Radiation Division

cc: Juan Garcia, South Coast AQMD



**REGION 9**

SAN FRANCISCO, CA 94105

December 8, 2025

Dr. Jason Low  
Deputy Executive Officer  
Science and Technology Advancement  
South Coast Air Quality Management District  
21865 Copley Drive  
Diamond Bar, California 91765-4178

Dear Dr. Low:

Thank you for your submission of the South Coast Air Quality Management District (South Coast AQMD) *2025 Annual Air Quality Monitoring Network Plan and Five-Year Network Assessment* on June 25, 2025. We have reviewed the submitted document based on the requirements set forth in 40 CFR part 58. Based on the information provided in the plan, the U.S. Environmental Protection Agency (EPA) approves all portions of the network plan except those specifically identified below.

With this plan approval, we also formally approve an FEM waiver for the following sites for the time periods specified in Enclosure B; and the following system modifications (further detailed in Enclosures C-G):

- FEM waivers:
  - o Compton (Air Quality System (AQS) ID: 06-037-1302-3)
  - o Long Beach Route 710 (AQS ID: 06-037-4008-3)
  - o Los Angeles Main St. (AQS ID: 06-037-1103-3 and -9)
- the relocation of the following State and Local Air Monitoring Station (SLAMS) monitors:
  - o Santa Clarita (AQS ID: 06-037-6012) Newhall-Valencia Mini-Storage Facility (AQS ID: to be determined) O<sub>3</sub>, NO<sub>2</sub>, PM<sub>10</sub>
- the discontinuation of the following SLAMS monitors:
  - o Rehrig (AQS ID: 06-037-1405) Pb
  - o Pomona (AQS ID: 06-037-1701) O<sub>3</sub>, NO<sub>2</sub>
  - o Perris (AQS ID: 06-065-6001) O<sub>3</sub>, PM<sub>10</sub>
  - o Upland (AQS ID: 06-071-1004) O<sub>3</sub>, NO<sub>2</sub>, PM<sub>10</sub>
  - o Anaheim (AQS ID: 06-059-0007) CO
  - o Azusa (AQS ID: 06-037-0002) CO

- Compton (AQS ID: 0037-1302) CO
- Costa Mesa (AQS ID: 06-059-1003) CO
- Fontana (AQS ID: 06-071-2002) CO
- Glendora (AQS ID: 06-037-0016) CO
- La Habra (AQS ID: 06-059-5001) CO
- Lake Elsinore (AQS ID: 06-065-9001) CO
- LA Hastings (AQS ID: 06-037-5005) CO
- LA Main (AQS ID: 06-037-1103-1) CO
- Mira Loma Van Buren (AQS ID: 06-065-8005) CO
- Mission Viejo (AQS ID: 06-059-2002) CO
- Pasadena (AQS ID: 06-037-2005) CO
- Pico Riviera (AQS ID: 06-037-1602) CO
- Palm Springs (AQS ID: 06-065-5001) CO
- Pomona (AQS ID: 06-037-1701) CO
- Reseda (AQS ID: 06-037-1201) CO
- Rubidoux (AQS ID: 06-065-8001) CO
- Santa Clarita (AQS ID: 06-037-6012) CO
- San Bernadino (AQS ID: 06-071-9004) CO
- Upland (AQS ID: 06-071-1004) CO
- West LA (AQS ID: 06-037-0113) CO

Please note that we cannot approve portions of the annual network plan for which the information in the plan is insufficient to judge whether the requirement has been met, or for which the information provided does not meet the requirements as specified in 40 CFR 58.10 and the associated appendices. EPA Region 9 also cannot approve portions of the plan for which the EPA Administrator has not delegated approval authority to the regional offices. Enclosure A (*A. Annual Monitoring Network Plan Checklist*) is the checklist EPA used to review your plan for items that are required to be included in the annual network plan along with our assessment of whether the plan submitted by your agency addresses those requirements. Items highlighted in yellow are those EPA Region 9 is not acting on, as we either lack the authority to approve the specific item, or we have determined that a requirement is either not met or information in the plan is insufficient to judge whether the requirement has been met. Please note that we are not acting on the following system modifications and siting waiver request: LA Main CO SLAMS POC 9, Rubidoux CO SLAMS POC 9, and Central San Bernadino Mountains Appendix E siting waiver. The EPA will continue to have further discussions with South Coast AQMD to appropriately resolve these siting criteria issues. Items highlighted in green in Enclosure A require attention in order to improve next year's plan. All comments conveyed via this letter and enclosures should be addressed prior to submittal of next year's annual monitoring network plan to EPA.

We also want to thank you for your timely submission of the South Coast AQMD 2025 *Network 5-Year Assessment*, as required under 40 CFR 58.10. We recognize that preparing the network assessment was a significant project and we appreciate your effort.

If you have any questions regarding this letter or the enclosures, please feel free to contact me at (415) 972-3134 or Bilal Qazzaz at (415) 947-3532.

Sincerely,

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VALLANO

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Dena Vallano, Manager  
Monitoring and Analysis Section

Enclosures:

- A. Annual Monitoring Network Plan Checklist
- B. Approval of the South Coast AQMD Request for PM<sub>2.5</sub> Waiver
- C. Approval of Relocation of Santa Clarita – O<sub>3</sub>, NO<sub>2</sub>, and PM<sub>10</sub> SLAMS monitors to Newhall-Valencia Mini-Storage Facility
- D. Approval of Discontinuation of Rehrig Pb SLAMS monitor
- E. Approval of Discontinuation of Pomona O<sub>3</sub> and NO<sub>2</sub> SLAMS monitors
- F. Approval of Discontinuation of Perris O<sub>3</sub> and PM<sub>10</sub> SLAMS monitors
- G. Approval of Discontinuation of Upland NO<sub>2</sub>, O<sub>3</sub>, and PM<sub>10</sub> SLAMS monitors
- H. Approval of Discontinuation of CO SLAMS monitors at Various Sites

cc (via email): Juan Garcia, South Coast AQMD

Matthew Lakin, California Air Resources Board (CARB)  
Jin Xu, CARB  
Adolfo Garcia, CARB  
Manisha Singh, CARB  
Michael Werst, CARB  
Ariel Fidely, CARB  
Alicia Kindred, CARB  
Melissa Niederreiter, CARB  
Sunghoon Yoon, CARB

**B. Approval of the South Coast AQMD Request for PM<sub>2.5</sub> FEM Waiver**

In the 2025 annual network plan for South Coast AQMD, your agency requested EPA’s approval to consider the PM<sub>2.5</sub> data from your continuous federal equivalent method (FEM) monitors at the Compton site (AQS ID: 06-037-1302-3) from January 1, 2022 through December 31, 2024, at the Long Beach Routh 710 site (AQS ID: 06-037-4008-3) from January 1, 2022 through December 31, 2024, at the Los Angeles Main St. site (AQS ID: 06-037-1103-3) from January 1, 2020 through December 31, 2024 and the Los Angeles Main St. site (AQS ID: 06-037-1103-9) from January 1, 2020 through December 31, 2023, as not eligible for comparison to the National Ambient Air Quality Standards (NAAQS). This enclosure is in response to your request and approves the monitors listed below for the specified dates as not eligible for comparison to the NAAQS (i.e., provides a waiver for NAAQS comparability).

According to 40 CFR 58.11(e), in order to be considered not eligible for comparison to the NAAQS, continuous FEM PM<sub>2.5</sub> data must be shown to not meet the criteria in 40 CFR 53 Table C-4. These criteria describe the maximum allowable multiplicative and additive bias between a filter-based federal reference method (FRM) PM<sub>2.5</sub> monitor and a Class III continuous FEM PM<sub>2.5</sub> monitor operating at the same site. EPA based its evaluation on the criteria in 40 CFR 53 as described in the EPA memo dated April 20, 2013, and its attached document titled, “Instructions and Template for Requesting that data from PM<sub>2.5</sub> Continuous FEMs are not compared to the NAAQS.”

We reviewed your request and have determined that the Compton, Long Beach Route 710, and Los Angeles Main Street monitors do not meet the bias criteria in 40 CFR part 53 and are approved as not eligible for comparison to the NAAQS for the noted time period:

Site Name	AQS ID-POC	Begin Date	End Date
Compton	06-037-1302-3	01/01/2022	12/31/2024
Long Beach Route 710	06-037-4008-3	01/01/2022	12/31/2024
Los Angeles Main St.	06-037-1103-3 and -9	01/01/2020	12/31/2022
Los Angeles Main St.	06-037-1103-3 and -9	01/01/2021	12/31/2023
Los Angeles Main St.	06-037-1103-3	01/01/2022	12/31/2024

Your request stated that you consider the continuous PM<sub>2.5</sub> data of sufficient quality to report to the AQI and you will be submitting the data to AirNow. As such, it is appropriate to submit the data from the monitors and dates in the table above to AQS under the parameter code 88502.

In providing the waiver for the data in the timeframe listed above, EPA expects that SCAQMD will continue to work to improve the comparability of the continuous PM<sub>2.5</sub> FEM monitors and filter-based monitors. Beyond the approved time period, if SCAQMD intends to submit data from these monitors under a parameter code other than 88101, an updated analysis of the

biases for the FEM monitors should be included in future annual network plans for a renewed waiver approval.

In addition, since the intent of such a waiver is to allow more time for method and operational improvements to meet the required bias, SCAQMD must develop a performance assessment and improvement plan to be approved by EPA that describes how the agency will track the performance of this monitor on a quarterly or more frequent basis, as well as the activities SCAQMD intends to take to address any continuing performance issues.

Please work to make the changes in AQS described in this approval in a timely manner.

## Air Quality Monitoring Network Plan – July 1, 2026

### EPA Evaluation of the Request for Exclusion of PM<sub>2.5</sub> Continuous FEM Data

Site Name	AQS ID	Cont. POC	Method Description	PM <sub>2.5</sub> Cont. Analysis Begin Date	PM <sub>2.5</sub> Cont. Analysis End Date	Continuous/FRM Sampler pairs per season	Slope (m)	Intercept (y)	Meets bias requirement	Correlation (r)
<i>Sites with PM<sub>2.5</sub> continuous FEMs that are collocated with FRMs:</i>										
Compton	06-037-1302	3	Met-One BAM 1020 w/VSCC	01/01/2022	12/31/2024	Winter = 251 Spring = 263 Summer = 255 Fall = 256 Total = 1025	0.90	1.98	No	0.96
Long Beach Route 710	06-037-4008	3	Met-One BAM 1020 w/VSCC	01/01/2022	12/31/2024	Winter = 175 Spring = 180 Summer = 203 Fall = 257 Total = 815	0.92	3.10	No	0.93
Los Angeles Main St.	06-037-1103	3 & 9	Met-One BAM 1022 w/ VSCC	01/01/2020	12/31/2022	Winter = 267 Spring = 265 Summer = 269 Fall = 266 Total = 1067	0.81	3.82	No	0.94
Los Angeles Main St.	06-037-1103	3 & 9	Met-One BAM 1022 w/ VSCC	01/01/2021	12/31/2023	Winter = 267 Spring = 266 Summer = 269 Fall = 261 Total = 1063	0.85	3.30	No	0.91
Los Angeles Main St.	06-037-1103	3	Met-One BAM 1022 w/ VSCC	01/01/2022	12/31/2024	Winter = 265 Spring = 265 Summer = 272 Fall = 258 Total = 1060	0.90	2.51	No	0.95

**C. Approval of Relocation of Santa Clarita O<sub>3</sub>, NO<sub>2</sub>, and PM<sub>10</sub> SLAMS monitors to Newhall-Valencia Mini-Storage Facility**

This enclosure provides the U.S. Environmental Protection Agency's (EPA) review and approval for the South Coast Air Quality Management District's (South Coast AQMD) relocation of the O<sub>3</sub>, NO<sub>2</sub>, and PM<sub>10</sub> State/Local Air Monitoring Station (SLAMS) monitors from the Santa Clarita site (Air Quality System (AQS) Site ID: 06-037-6012) to the new location, situated 190 feet southwest from the existing air monitoring station, located at the Newhall-Valencia Mini-Storage Facility (AQS ID: to be determined). On June 25, 2025, South Coast AQMD sent EPA its Annual Network Plan (ANP) which included a request for EPA approval of this network change. In this ANP, South Coast AQMD explained the need to relocate the Santa Clarita site due to logistics beyond South Coast AQMD's control (i.e., roadway expansion into existing site). Per 40 CFR 58.14, monitoring agencies are required to obtain EPA approval for the relocation of SLAMS monitors.

The Santa Clarita NO<sub>2</sub> relocation was reviewed under 40 CFR 58.14(b). Generally, relocations may be appropriate for approval if the new site is at a nearby location with the same scale of representation and if the relocation does not compromise data needed for implementation of the National Ambient Air Quality Standards (NAAQS). EPA determined that one of the criteria for monitor discontinuation under 40 CFR 58.14(c)(1) through (c)(5) are satisfied.

EPA reviewed the NO<sub>2</sub> data against criteria in 40 CFR 58.14(c)(1) and determined that this monitor meets the requirements for discontinuation. The Santa Clarita NO<sub>2</sub> monitor was in attainment of the 1971 annual standard and the 2010 1-hour NAAQS for design value years 2020-2024. The EPA has determined that, based on design values from 2020-2024, there is less than a 10 percent probability of exceeding 80 percent of the NAAQS during the next three years at this site. This monitor is not specifically required by an attainment or maintenance plan. There are currently 14 area-wide NO<sub>2</sub> SLAMS monitors in the Los Angeles-Long Beach-Anaheim, CA metropolitan statistical area (MSA), exceeding the 40 CFR part 58, Appendix D minimum monitoring requirements for the area. This monitor is not needed to fulfill 40 CFR part 58, Appendix D area-wide monitoring or near-road monitoring requirements.

The Santa Clarita O<sub>3</sub> and PM<sub>10</sub> monitors were not eligible for removal under 40 CFR 58.14(c)(1) - (c)(5). These monitor relocations were reviewed under 40 CFR 58.14(c)(6), which describes the relocation requirements if a SLAMS monitor is not eligible for removal under the criteria in 40 CFR 58.14(c)(1) through (c)(5), and states that "[a] SLAMS monitor ... may be moved to a nearby location with the same scale of representation if logistical problems beyond the State's control make it impossible to continue operation at its current site."

The original Santa Clarita site was located at 22224 Placerita Canyon Road, Santa Clarita, CA 91321. The relocation site is 190 feet southwest of the original site location. Both sites have a neighborhood scale of representation, meaning they are expected to have relatively uniform land use at a spatial range of 0.5 to 4.0 kilometers. Both sites are in an area characterized by

residential land use. The original and proposed relocation site are expected to measure similar O<sub>3</sub>, NO<sub>2</sub>, and PM<sub>10</sub> concentrations from similar sources due to the consistency in land use and proximity to sources. This relocation will not prevent South Coast AQMD from meeting 40 CFR part 58, Appendix D requirements.

In addition, South Coast AQMD also provided O<sub>3</sub> data comparisons for the original Santa Clarita site and the proposed relocation site across a 2-month period (October 16, 2024, through December 18, 2024). South Coast AQMD noted no statistically significant difference (p-value = 0.80 > 0.05) between the maximum daily 8-hour rolling average O<sub>3</sub> concentrations, and that the overall trends are similar at the original site and the relocation site.

Based on the assessment of the scale of representation and the O<sub>3</sub> parallel monitoring study, EPA has determined that South Coast AQMD's request meets the requirement that the replacement site is at a nearby location with the same scale of representation and does not compromise data needed for implementation of the NAAQS. EPA thus approves relocation of the Santa Clarita O<sub>3</sub>, NO<sub>2</sub>, and PM<sub>10</sub> SLAMS monitors to the proposed site, 190 feet southwest of the original air monitoring station at the Newhall-Valencia Mini-Storage facility. This approval assumes that the new site will meet all 40 CFR part 58 requirements, including the siting requirements specified in Appendix E. Please work with EPA to ensure that the new site meets all relevant requirements. As this is a relocation, the data from the old and new sites will be combined to form one continuous data record for design value calculations. Please note this in the AQS comment field for both the old and the new AQS site. Also, please attach this enclosure and include the relevant monitor and site information in your next Annual Monitoring Network Plan.

#### D. Approval of Discontinuation of Rehrig Pb monitor

This enclosure provides the U.S. Environmental Protection Agency's (EPA) review and approval for the South Coast Air Quality Management District's (South Coast AQMD) discontinuation of the lead (Pb) State/Local Air Monitoring Station (SLAMS) monitor at the Rehrig site (Air Quality System (AQS) Site ID: 06-037-1405). On June 25, 2025, South Coast AQMD sent EPA its Annual Network Plan (ANP) which included a request for EPA approval of this network change. In this ANP, South Coast AQMD explained the need to discontinue the Rehrig site due to logistics beyond South Coast AQMD's control (i.e., property sale, permanent closure, and remediation of site); consequently, the Pb monitor ceased its operations on August 17, 2024. Per 40 CFR 58.14, monitoring agencies are required to obtain EPA approval for the discontinuation of SLAMS monitors.

Discontinuation of this Pb SLAMS monitor was reviewed by EPA against criteria contained in 40 CFR 58.14(c), which states that requests for discontinuation "may also be approved on a case-by-case basis if discontinuance does not compromise data collection needed for implementation of a NAAQS and if the requirements of appendix D to this part, if any, continue to be met." EPA has reviewed South Coast AQMD's request and data associated with this monitor and concludes that the criteria contained in 40 CFR 58.14(c) are met as described below; EPA therefore approves the discontinuation of the Pb SLAMS monitor at the Rehrig site.

The Rehrig site is within the Los Angeles County – South Coast Air Basin, CA Pb nonattainment area for the 2008 Pb National Ambient Air Quality Standards (NAAQS). The Rehrig site was attaining the 2008 Pb NAAQS in 2021-2023; however, the 2019 and 2020 design values were invalid due to incomplete data collected in 2017-2018. While there were five 24-hour concentrations that were above the level of the rolling three-month average 2008 Pb NAAQS ( $0.15 \mu\text{g}/\text{m}^3$ ) in April 2018, November 2020, and April 2021, no rolling three-month averages above the level of the 2008 Pb NAAQS were recorded at the monitoring site in the last five complete design value periods (design values 2019-2023, encompassing data years 2017-2023, which includes five calendar years that meet data completeness requirements). Incomplete data in 2024 continued to show Pb concentrations below the level of the NAAQS until it closed in mid-August 2024. Furthermore, April and November 2022, 2023, and incomplete 2024 data continued to show concentrations well below the levels of the 2008 Pb NAAQS.

Although the Rehrig site was the design value site for the nonattainment area during valid years (2021-2023), these design values were less than 50 percent of the 2008 Pb NAAQS. Due to the permanent shutdown and remediation of the Exide facility in 2024, which was the primary source of Pb emissions for this source-oriented SLAMS monitor, Pb concentrations are expected to continue to remain below the NAAQS. Four other monitors within the nonattainment area remain available to monitor Pb levels for future compliance with the NAAQS. Preliminary 2025 data demonstrate that the design value site for the nonattainment area in 2024 and 2025, Closet World (AQS Site ID: 06-037-1404), has the same design value of  $0.02 \mu\text{g}/\text{m}^3$  as Rehrig (post- Exide facility closure), making it similarly representative in 2024. The preliminary 2025

design value for Closet World (AQS Site ID: 06-037-1404) is invalid due to incomplete data in Quarters 3 and 4 of 2025 but otherwise has full data completeness and is representative of the 2023-2025 data years. The preliminary 2025 design value for Rehrig (AQS Site ID: 06-037-1405) is invalid due to incomplete data for Quarter 4 of 2024, with no data in 2025, due to the Exide facility shut down. Furthermore, the monitor is not specifically required by an attainment or maintenance plan. Therefore, the closure of this site does not compromise data collection needed for implementation of the Pb NAAQS.

Based on these analyses, EPA approves South Coast AQMD's discontinuation of the Rehrig Pb SLAMS monitor. Please include this enclosure and the relevant monitor and site closure information in next year's South Coast AQMD annual monitoring network plan. Additionally, per 40 CFR part 58, Appendix D, §4.5(c) "[t]he EPA Regional Administrator may require additional monitoring at locations including, but not limited to, those near existing additional industrial sources of Pb, recently closed industrial sources of Pb, airports where piston-engine aircraft emit Pb, and other sources of re-entrained Pb dust." Therefore, EPA requests that South Coast AQMD inform EPA if the status of the closed industrial site changes, and if there will be/is new activity, including but not limited to construction or new industrial activity, on the site which may be a source of re-entrained Pb dust and require EPA to invoke 40 CFR part 58, Appendix D, §4.5(c).

#### E. Approval of Discontinuation of Pomona O<sub>3</sub> and NO<sub>2</sub> SLAMS monitors

This enclosure provides the U.S. Environmental Protection Agency's (EPA) review and approval for the South Coast Air Quality Management District's (South Coast AQMD) discontinuation of the O<sub>3</sub> and NO<sub>2</sub> State/Local Air Monitoring Station (SLAMS) monitors at the Pomona site (Air Quality System (AQS) Site ID: 06-037-1701). On June 25, 2025, South Coast AQMD sent EPA its Annual Network Plan (ANP) which included a request for EPA approval of this network change. In this ANP, South Coast AQMD explained the need to discontinue the Pomona site due to the site having undergone significant changes, potentially compromising data representativeness. During the 2020 Technical Systems Audit (TSA), the EPA determined that the site no longer meets probe and monitoring path siting criteria outlined in 40 CFR part 58, Appendix E and recommended its closure. Per 40 CFR 58.14, monitoring agencies are required to obtain EPA approval for the discontinuation of SLAMS monitors.

Discontinuation of the NO<sub>2</sub> SLAMS monitor was reviewed by EPA against criteria contained in 40 CFR 58.14(c)(1). Discontinuation of the O<sub>3</sub> SLAMS monitor was reviewed by EPA against criteria contained in 40 CFR 58.14(c), which states that requests for discontinuation "may also be approved on a case-by-case basis if discontinuance does not compromise data collection needed for implementation of a NAAQS and if the requirements of appendix D to this part, if any, continue to be met." EPA has reviewed South Coast AQMD's request and data associated with these monitors and concludes that the criteria contained in 40 CFR 58.14(c)(1) and 40 CFR 58.14(c) are met as described below; EPA therefore approves discontinuation of the O<sub>3</sub> and NO<sub>2</sub> SLAMS monitors at the Pomona site.

The Pomona NO<sub>2</sub> monitoring site was in attainment of the 1971 annual and the 2010 1-hour NO<sub>2</sub> National Ambient Air Quality Standards (NAAQS) for design value years 2020-2024. EPA has determined that, based on design values from 2020-2024, there is less than a 10 percent probability of exceeding 80 percent of the NAAQS during the next three years at this site. This monitor is not specifically required by an attainment or maintenance plan. South Coast AQMD currently operates 14 area-wide NO<sub>2</sub> SLAMS monitors (an additional site is currently non-operational but is not approved for closure at this time) in the Los Angeles-Long Beach-Anaheim, CA MSA, exceeding the 40 CFR part 58, Appendix D minimum monitoring requirements for the area. This monitor is not required to meet 40 CFR part 58, Appendix D area-wide minimum monitoring or near-road monitoring requirements. Therefore, the closure of this monitoring site will not prevent South Coast AQMD from meeting 40 CFR part 58, Appendix D requirements.

The Pomona site was within the Los Angeles-South Coast Air Basin, CA O<sub>3</sub> nonattainment area for four O<sub>3</sub> standards: the 1979 1-hour, the 1997 8-hour, the 2008 8-hour, and the 2015 8-hour NAAQS. According to certified data submitted to EPA's AQS, this site was in violation of the 1979 1-hour, 1997 8-hour, 2008 8-hour and 2015 8-hour O<sub>3</sub> NAAQS based on the five most recent design values (design values 2020-2024 encompassing data years 2018-2024). For the 2020-2024 design value period, the site was not the design value site for the 1979 1-hour, the

1997 8-hour, the 2008 8-hour, or the 2015 8-hour O<sub>3</sub> Los Angeles-South Coast Air Basin, CA nonattainment area, and has consistently measured lower concentrations of O<sub>3</sub> than other monitors in the nonattainment area. For the 2020-2024 design value periods, the Pomona 1997, 2008, and 2015 8-hour O<sub>3</sub> design values were at least 8 ppb below the highest design value site in the nonattainment area. This monitor is not specifically required by an attainment or maintenance plan. Therefore, the closure of this monitoring site does not compromise data collection needed for implementation of the O<sub>3</sub> NAAQS.

South Coast AQMD currently operates 12 other O<sub>3</sub> SLAMS monitoring sites (an additional two sites are currently non-operational but are not approved for closure at this time) in the Los Angeles-Long Beach-Anaheim, CA metropolitan statistical area (MSA), exceeding 40 CFR part 58, Appendix D minimum monitoring requirements for the area. This site is not needed to fulfill 40 CFR part 58, Appendix D MSA requirements for the maximum O<sub>3</sub> concentration site in a metropolitan area. Therefore, the closure of this monitoring site will not prevent South Coast AQMD from meeting 40 CFR part 58, Appendix D requirements.

Based on these analyses, EPA approves South Coast AQMD's discontinuation of the Pomona O<sub>3</sub> and NO<sub>2</sub> SLAMS monitors. Please include this enclosure and the relevant monitor and site information in the next South Coast AQMD annual monitoring network plan.

#### F. Approval of Discontinuation of Perris O<sub>3</sub> and PM<sub>10</sub> monitors

This enclosure provides the U.S. Environmental Protection Agency's (EPA) review and approval for the South Coast Air Quality Management District's (South Coast AQMD) discontinuation of the O<sub>3</sub> and PM<sub>10</sub> State/Local Air Monitoring Station (SLAMS) monitors at the Perris site (Air Quality System (AQS) Site ID: 06-065-6001). On June 25, 2025, South Coast AQMD sent EPA its Annual Network Plan (ANP) which included a request for EPA approval of this network change. In this ANP, South Coast AQMD explained the need to discontinue the Perris due to the site having undergone significant changes, potentially compromising data representativeness. During the 2020 Network Assessment, the site was identified as low value due to compromised probe and monitoring path siting criteria as specified in 40 CFR part 58, Appendix E; consequently, the O<sub>3</sub> and PM<sub>10</sub> monitors ceased operations in December 2021. Per 40 CFR 58.14, monitoring agencies are required to obtain EPA approval for the discontinuation of SLAMS monitors.

Discontinuation of the O<sub>3</sub> and PM<sub>10</sub> SLAMS monitors was reviewed by EPA against criteria contained in 40 CFR 58.14(c), which states that requests for discontinuation "may also be approved on a case-by-case basis if discontinuance does not compromise data collection needed for implementation of a NAAQS (National Ambient Air Quality Standards) and if the requirements of Appendix D to this part, if any, continue to be met." EPA has reviewed South Coast AQMD's request and data associated with these monitors and concludes that the criteria contained in 40 CFR 58.14(c) are met as described below; EPA therefore approves discontinuation of the O<sub>3</sub> and PM<sub>10</sub> SLAMS monitors at the Perris site.

The Perris site was within the Los Angeles-South Coast Air Basin, CA O<sub>3</sub> nonattainment area for four O<sub>3</sub> standards: the 1979 1-hour, the 1997 8-hour, the 2008 8-hour, and the 2015 8-hour National Ambient Air Quality Standards (NAAQS). According to certified data submitted to EPA's AQS, this site was in attainment of the 1979 1-hour NAAQS based on the five most recent design values (design values 2017-2021 encompassing data years 2015-2021). This site was in violation of the 1997 8-hour, 2008 8-hour and 2015 8-hour O<sub>3</sub> NAAQS based on the five most recent design values (design values 2017-2021 encompassing data years 2015-2021). Between 2017-2021, the site was not the design value site for the any of the O<sub>3</sub> NAAQS in the Los Angeles-South Coast Air Basin, CA nonattainment area, and has consistently measured lower concentrations of O<sub>3</sub> than other monitors in the nonattainment area. For the 2017-2021 design value periods, the Perris 1997, 2008, and 2015 8-hour O<sub>3</sub> design values were at least 15 parts per billion (ppb) below the highest design value site in the nonattainment area. This monitor is not specifically required by an attainment or maintenance plan. Therefore, the closure of this monitoring site does not compromise data collection needed for implementation of the O<sub>3</sub> NAAQS.

South Coast AQMD currently operates 11 other O<sub>3</sub> SLAMS monitoring sites in the Riverside-San Bernardino-Ontario, CA metropolitan statistical area (MSA), exceeding 40 CFR part 58, Appendix D minimum monitoring requirements for the area. EPA notes that an additional O<sub>3</sub>

monitoring site in the Riverside-San Bernardino-Ontario, CA MSA is approved for closure within this ANP response, however, 40 CFR part 58, Appendix D minimum monitoring requirements for the area will continue to be met. This site is not needed to fulfill 40 CFR part 58, Appendix D MSA requirements for the maximum O<sub>3</sub> concentration site in a metropolitan area. Therefore, the closure of this monitoring site will not prevent South Coast AQMD from meeting 40 CFR part 58, Appendix D requirements.

The Perris site was within the Los Angeles – South Coast Air Basin, CA PM<sub>10</sub> maintenance area for the 1987 24-hour PM<sub>10</sub> NAAQS. This monitor was in attainment of the 1987 24-hour PM<sub>10</sub> NAAQS based on the 2018-2019 design values, the 2017 design value was violating, and the 2020 and 2021 design values were invalid.<sup>7</sup> No exceedances of the NAAQS were recorded at this monitor from 2016-2021. One exceedance of 188 µg/m<sup>3</sup>, flagged as a high wind dust event in AQS, occurred on September 9, 2015, which resulted in a violating 2015, 2016, and 2017 design value. However, this monitor was not the design value monitor for the 1987 24-hour PM<sub>10</sub> Los Angeles – South Coast Air Basin, CA maintenance area and has consistently measured lower concentrations of PM<sub>10</sub> than other monitors in the maintenance area. This monitor was not specifically required by an attainment or maintenance plan. Therefore, the closure of this monitoring site does not compromise data collection needed for implementation of the PM<sub>10</sub> NAAQS.

South Coast AQMD currently operates 11 PM<sub>10</sub> SLAMS monitoring sites in the Riverside-San Bernardino-Ontario, CA MSA, exceeding 40 CFR part 58, Appendix D minimum monitoring requirements for the area. EPA notes that one additional PM<sub>10</sub> monitoring site in the Riverside-San Bernardino-Ontario, CA is approved for closure within this ANP response, however, 40 CFR part 58, Appendix D minimum monitoring requirements for the area will continue to be met. Therefore, the closure of this monitoring site will not prevent South Coast AQMD from meeting 40 CFR part 58, Appendix D requirements.

Based on these analyses, EPA approves South Coast AQMD's discontinuation of the Perris O<sub>3</sub> and PM<sub>10</sub> SLAMS monitors. Also, please attach this enclosure and the relevant monitor and site information in the next South Coast AQMD annual monitoring network plan.

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<sup>7</sup> This monitor had 2 incomplete quarters in 2020 that resulted in invalid 2020 and 2021 design values for the 1987 24-hour PM<sub>10</sub> NAAQS.

**G. Approval of Discontinuation of Upland NO<sub>2</sub>, O<sub>3</sub>, and PM<sub>10</sub> SLAMS monitors**

This enclosure provides the U.S. Environmental Protection Agency's (EPA) review and approval for the South Coast Air Quality Management District's (South Coast AQMD) discontinuation of the NO<sub>2</sub>, O<sub>3</sub> and PM<sub>10</sub> State/Local Air Monitoring Station (SLAMS) monitors at the Upland site (Air Quality System (AQS) Site ID: 06-071-1004). On June 25, 2025, South Coast AQMD sent EPA its Annual Network Plan (ANP) which included a request for EPA approval of this network change. In this ANP, South Coast AQMD explained the need to discontinue the Upland due to the site having undergone significant changes, potentially compromising data representativeness. The mobile home park managers, Upland Cascade, terminated the lease and the last sampling day was March 31, 2023. Per 40 CFR 58.14, monitoring agencies are required to obtain EPA approval for the discontinuation of SLAMS monitors.

Discontinuation of the NO<sub>2</sub> SLAMS monitor was reviewed by EPA against criteria contained in 40 CFR 58.14(c)(1). Discontinuation of the O<sub>3</sub> and PM<sub>10</sub> SLAMS monitors were reviewed by EPA against criteria contained in 40 CFR 58.14(c), which states that requests for discontinuation "may also be approved on a case-by-case basis if discontinuance does not compromise data collection needed for implementation of a NAAQS and if the requirements of Appendix D to this part, if any, continue to be met." EPA has reviewed South Coast AQMD's request and data associated with this monitor and concludes that the criteria contained in 40 CFR 58.14(c)(1) and 40 CFR 58.14(c) are met as described below; EPA therefore approves discontinuation of the NO<sub>2</sub>, O<sub>3</sub>, and PM<sub>10</sub> SLAMS monitors at the Upland site.

EPA has reviewed and concluded that the criteria contained in 40 CFR 58.14(c)(1) are met for the NO<sub>2</sub> SLAMS monitor as follows:

NO<sub>2</sub>

EPA reviewed the NO<sub>2</sub> data against criteria in 40 CFR 58.14(c)(1). According to certified data from 2018-2022 (encompassing calendar years 2016-2022) in AQS, EPA determined that this monitor meets the requirements for discontinuation under 40 CFR 58.14(c)(1). The Upland NO<sub>2</sub> monitor was in attainment of the 1971 annual and the 2010 1-hour NO<sub>2</sub> National Ambient Air Quality Standards (NAAQS) for design value years 2018-2022. The EPA has determined that, based on design values from 2018-2022, there is less than a 10 percent probability of exceeding 80 percent of the NAAQS during the next three years at this site. This monitor is not specifically required by an attainment or maintenance plan. There are currently 7 area-wide NO<sub>2</sub> SLAMS monitors in the Riverside-San Bernardino-Ontario CA Metropolitan Statistical Area (MSA), exceeding the 40 CFR part 58, Appendix D minimum monitoring requirements for the area. Therefore, the closure of this monitoring site will not prevent South Coast AQMD from meeting 40 CFR part 58, Appendix D requirements.

EPA has reviewed and concluded that the criteria contained in 40 CFR 58.14(c) are met for the O<sub>3</sub> and PM<sub>10</sub> SLAMS monitors as follows:

O<sub>3</sub>

The Upland site was within the Los Angeles-South Coast Air Basin, CA O<sub>3</sub> nonattainment area for four O<sub>3</sub> standards: the 1979 1-hour, the 1997 8-hour, the 2008 8-hour, and the 2015 8-hour NAAQS. According to certified data submitted to EPA's AQS, this site was in violation of the 1979 1-hour, 1997 8-hour, 2008 8-hour and 2015 8-hour O<sub>3</sub> NAAQS based on the five most recent design values (design values 2018-2022 encompassing data years 2016-2022). For the 2018-2022 design value period, the site was not the design value site for any of the O<sub>3</sub> NAAQS in the Los Angeles-South Coast Air Basin, CA nonattainment area, and has consistently measured lower concentrations of O<sub>3</sub> than other monitors in the nonattainment area. For the 2018-2022 design value period, the Upland 1997, 2008, and 2015 8-hour O<sub>3</sub> design values were at least 2 ppb below the highest design value site in the nonattainment areas. This monitor is not specifically required by an attainment or maintenance plan. Therefore, the closure of this monitoring site does not compromise data collection needed for implementation of the O<sub>3</sub> NAAQS.

South Coast AQMD currently operates 11 other O<sub>3</sub> SLAMS monitoring sites in the Riverside-San Bernardino-Ontario, CA MSA, exceeding 40 CFR part 58, Appendix D minimum monitoring requirements for the area. EPA notes that an additional O<sub>3</sub> monitoring site Riverside-San Bernardino-Ontario, CA MSA is approved for closure within this ANP response, however, this site is not needed to fulfill 40 CFR part 58, Appendix D MSA requirements for the maximum O<sub>3</sub> concentration site in a metropolitan area. Therefore, the closure of this monitoring site will not prevent South Coast AQMD from meeting 40 CFR part 58, Appendix D requirements.

PM<sub>10</sub>

The Upland site was within the Los Angeles – South Coast Air Basin, CA PM<sub>10</sub> maintenance area for the 1987 24-hour PM<sub>10</sub> NAAQS. This monitor was in attainment of the 1987 24-hour PM<sub>10</sub> NAAQS based on the 2022 design value; the 2018-2021 design values were invalid.<sup>8</sup> While two exceedances were recorded at this monitor during the 2018-2022 design value periods on July 9, 2018 (156 µg/m<sup>3</sup>) and October 26, 2020 (174 µg/m<sup>3</sup>), both days were flagged as "U" (high winds) and no design values were violating in the previous 5 years. This monitor is not the design value monitor for the 1987 24-hour PM<sub>10</sub> Los Angeles – South Coast Air Basin, CA maintenance area and has consistently measured lower concentrations of PM<sub>10</sub> than other monitors in the maintenance area. This monitor is not specifically required by an attainment or maintenance plan. Therefore, the closure of this monitoring site does not compromise data collection needed for implementation of the PM<sub>10</sub> NAAQS.

South Coast AQMD currently operated 11 other PM<sub>10</sub> SLAMS monitors in the Riverside-San Bernardino-Ontario MSA, exceeding 40 CFR part 58, Appendix D minimum monitoring requirements for the area. EPA notes that one additional PM<sub>10</sub> monitoring site in the Riverside-San Bernardino-Ontario, CA MSA is approved for closure within this ANP response, however, 40 CFR part 58, Appendix D minimum monitoring requirements for the area will continue to be

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<sup>8</sup> This monitor had one incomplete quarter in 2018 (quarter 3) and one incomplete quarter in 2019 (quarter 3) that resulted in invalid 2018 through 2021 design values for the 1987 24-hour PM<sub>10</sub> NAAQS.

met. Therefore, the closure of this monitoring site will not prevent South Coast AQMD from meeting 40 CFR part 58, Appendix D requirements.

Based on these analyses, EPA approves South Coast AQMD's discontinuation of the Upland NO<sub>2</sub>, O<sub>3</sub>, and PM<sub>10</sub> SLAMS monitors. Also, please attach this enclosure and the relevant monitor and site information in the next South Coast AQMD annual monitoring network plan.

**H. Approval of Discontinuation of CO SLAMS at Various Sites**

This enclosure provides the U.S. Environmental Protection Agency’s (EPA) review and approval for the South Coast Air Quality Management District’s (South Coast AQMD) discontinuation of the CO State/Local Air Monitoring Station (SLAMS) monitors at sites identified in Table 1 below.

**Table 1: CO Monitoring Sites Approved for Closure**

Site Name	Air Quality System (AQS) ID
Anaheim	06-059-0007
Azusa	06-037-0002
Compton	06-037-1302
Costa Mesa	06-059-1003
Lake Elsinore	06-065-9001
Fontana	06-071-2002
Glendora	06-037-0016
La Habra	06-059-5001
LA Hastings	06-037-5005
LA Main Parameter Occurrence Code (POC) 1 only	06-037-1103
Mira Loma Van Buren	06-065-8005
Mission Viejo	06-059-2002
Pasadena	06-037-2005
Pico Riviera	06-037-1602
Palm Springs	06-065-5001
Pomona	06-037-1701
Reseda	06-037-1201
Rubidoux POC 1 only	06-065-8001
Santa Clarita	06-037-6012
San Bernardino	06-071-9004
Upland	06-071-1004
West LA	06-037-0113

On June 25, 2025, South Coast AQMD sent EPA its Annual Network Plan (ANP) which included a request for EPA approval of these network changes. In this ANP, South Coast AQMD explained that air quality priorities have shifted and CO concentrations in the South Coast Air Basin have consistently remained below the National Ambient Air Quality Standards (NAAQS), achieving maintenance status for both the 1-hour and 8-hour standards. Per 40 CFR 58.14, monitoring agencies are required to obtain EPA approval for the discontinuation of SLAMS monitors.

EPA reviewed the CO data for all the monitors identified in Table 1 against criteria in 40 CFR 58(c)(1). For active sites, according to certified data from 2020-2024 in AQS for Anaheim, Compton, Lake Elsinore, Fontana, Glendora, La Habra, Mira Loma Van Buren, Pasadena, Pico Riviera, Palm Springs, Pomona, Reseda, Rubidoux POC 1-only, Santa Clarita, and San Bernadino, EPA determined that these monitors meet the requirements for discontinuation under 40 CFR

58.14(c)(1). These CO monitors were in attainment of the 1971 1-hour CO and 8-hour CO NAAQS for design value years 2020-2024. For inactive sites, EPA reviewed the CO data against criteria in 40 CFR 58(c)(1) using the most recent, complete five design value years of operation. According to certified data in AQS for 2018-2022 for Azusa, 2017-2021 for West LA, 2019-2023 for LA Main POC 1-only, 2017-2021 for LA Hastings, 2013-2017 for Costa Mesa, 2019-2023 for Upland, and 2018-2022 for Mission Viejo, EPA determined that these monitors meet the requirements for discontinuation under 40 CFR 58.14(c)(1). These CO monitors were in attainment of the 1971 1-hour CO and 8-hour CO NAAQS for design value years noted above. The EPA has determined that, based on design values of the aforementioned years, there is less than a 10 percent probability of exceeding 80 percent of the NAAQS during the next three years at these sites. These monitors are not specifically required by an attainment or maintenance plan. These monitors are not needed to fulfill 40 CFR part 58, Appendix D requirements for near-road CO monitoring and not required by the EPA Administrator. In addition, these monitors are not needed to fulfill NCore monitoring requirements. Therefore, the closure of these monitoring sites will not prevent South Coast AQMD from meeting 40 CFR part 58, Appendix D requirements.

Based on these analyses, EPA approves South Coast AQMD's discontinuation of the CO SLAMS monitors identified in Table 1 above. Note that EPA is not currently approving the closure of POC 9 CO SLAMS at LA Main and POC 9 CO SLAMS at Rubidoux. These monitors are required to fulfill 40 CFR Appendix D NCore monitoring requirements. Please include this enclosure and the relevant monitor and site information in the next South Coast AQMD annual monitoring network plan.