

## **APPENDIX E**

### **Approved Waivers**

DRAFT



October 29, 2024

Dr. Jason C. 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 (SCAQMD) 2024 *Annual Air Quality Monitoring Network Plan* on June 28, 2024. 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 Indio Jackson Street (06-065-2002-3)
- the relocation of the following State and Local Air Monitoring Stations (SLAMS) monitors:
  - o Azusa - Loren Avenue (AQS ID: 06-037-0002) to Azusa - Army National Guard (AQS ID: to be determined): O<sub>3</sub>, CO, NO<sub>2</sub>, PM<sub>2.5</sub>, PM<sub>10</sub>
  - o Indio Jackson Street (AQS ID: 06-065-2002) to Indio Amistad High School (AQS ID: 06-065-2007): O<sub>3</sub>, PM<sub>2.5</sub>, PM<sub>10</sub>
  - o LAX - Hastings (AQS ID: 06-037-5005) to LAX - 2 (AQS ID: to be determined): O<sub>3</sub>, CO, NO<sub>2</sub>, SO<sub>2</sub>, PM<sub>10</sub> and Pb
- and the discontinuation of the following SLAMS monitors:
  - o Norco (AQS ID: 06-065-0003): PM<sub>10</sub>

o Uddeholm (AQ5 ID: 06-037-1403): Pb

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. 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.

Additionally, EPA supports state and local government partners in advancing environmental justice efforts while ensuring compliance with applicable civil rights laws. To this end, we see an opportunity for all monitoring organizations to address and advance environmental justice in their annual network plans. Through the development and implementation of annual network plans, activities to advance environmental justice could include identifying monitoring sites in or near communities with environmental justice concerns, describing how environmental justice is considered in network design, considering environmental justice factors in siting, relocating, or discontinuing air monitors, and engaging with specific communities when plans are out for public comment. EPA encourages monitoring organizations to continue considering these issues throughout the year, and to convey yearly updates to the public and EPA on these important areas through the annual network plan process. EPA's EJSCREEN mapping and screening tool, including the environmental justice indexes and demographic indicators, may be useful in support of these efforts.<sup>1</sup> We also encourage you to provide us with any suggestions or requests that could further advance environmental justice in your ambient air monitoring programs.

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,

Vallano, Dena

Digitally signed by Vallano,  
Dena  
Date: 2024.10.29 09:55:31  
-0700

Dena Vallano, Manager  
Monitoring and Analysis Section

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<sup>1</sup> U.S. EPA. 2022. EJScreen: Environmental Justice Screening and Mapping Tool, Version 2.0, <https://www.epa.gov/ejscreen>.

Enclosures:

- A. Annual Monitoring Network Plan Checklist
- B. Approval of the SCAQMD Request for PM<sub>2.5</sub> FEM Waiver
- C. Approval of Relocation of Azusa - Loren Street O<sub>3</sub>, CO, NO<sub>2</sub>, PM<sub>2.5</sub>, and PM<sub>10</sub> SLAMS monitors to Azusa - Army National Guard
- D. Approval of Relocation of Indio Jackson Street O<sub>3</sub>, PM<sub>2.5</sub>, and PM<sub>10</sub> SLAMS monitors to Indio Amistad High School
- E. Approval of Relocation of LAX - Hastings O<sub>3</sub>, CO, NO<sub>2</sub>, SO<sub>2</sub>, PM<sub>10</sub> and Pb SLAMS monitors to LAX - 2
- F. Approval of Discontinuation of Norco PM<sub>10</sub> SLAMS monitor
- G. Approval of Discontinuation of Udeholm Pb SLAMS monitor

cc (via email): Rene Bermudez, SCAQMD

Michael Benjamin, California Air Resources Board (CARB)

Sylvia Vanderspek, CARB

Michael Miguel, CARB

Jin Xu, CARB

Alicia Kindred, CARB

Sunghoon, Yoon, CARB

Manisha Singh, CARB

Kathleen Gill, CARB

Michael Werst, CARB

Melissa Niederreiter, CARB



#### B. Approval of the SCAQMD Request for PM<sub>2.5</sub> FEM Waiver

In the 2024 annual network plan for SCAQMD, 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 (AQ5 ID: 06-037-1302-3) site from January 1, 2021 through December 31, 2023, at the Long Beach Routh 710 (AQ5 ID: 06-037-4008-3) site from the August 11, 2022 through December 31, 2023, and at the Indio Jackson Street (AQ5 ID: 06-065-2002-3) site from January 1, 2020 through April 20, 2022 as not eligible for comparison to the 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 Indio Jackson Street monitors do not meet the bias criteria in 40 CFR 53 and are approved as not eligible for comparison to the NAAQS for the noted time period:

Site Name	AQ5 ID-Parameter Code-POC	Begin Date	End Date
Compton	06-037-1302-3	01/01/2021	12/31/2023
Long Beach Route 710	06-037-4008-3	08/11/2022	12/31/2023
Indio Jackson Street	06-065-2002-3	01/01/2020	04/20/2022

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 AQ5 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. The Los Angeles (Main Street) data now meet the bias criteria in 40 CFR 53 and are eligible for comparison to the NAAQS for the time period of 01/01/2020 – 12/31/2022. As such, it is appropriate to submit the data from the relevant Los Angeles (Main Street) monitors for these specified dates to AQS under the parameter code 88101. This will allow the AQS data record to accurately reflect monitors and design values relevant, and not relevant, for comparison to the NAAQS.

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

Site Name	Site 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)
Sites with PM <sub>2.5</sub> continuous FEMs that are collocated with FRMs:										
Compton	06-037-1302	3	Met-One BAM 1020 w/VSCC	01/01/2021	12/31/2023	Winter = 242 Spring = 266 Summer = 273 Fall = 260 Total = 1039	0.90	2.56	No	0.98
Long Beach Route 710	06-037-4006	3	Met-One BAM 1020 w/VSCC	08/11/2022	12/31/2023	Winter = 96 Spring = 92 Summer = 138 Fall = 173 Total = 499	0.93	3.87	No	0.96
Indio Jackson Street	06-063-2002	3	Thermo Scientific 5014i w/VSCC	01/01/2020	04/20/2022	Winter = 69 Spring = 96 Summer = 55 Fall = 60 Total = 280	1.20	1.22	No	0.90

**C. Approval of Relocation of Azusa - Loren Avenue O<sub>3</sub>, CO, NO<sub>2</sub>, PM<sub>2.5</sub>, and PM<sub>10</sub> SLAMS monitors to Azusa - Army National Guard**

This enclosure provides the EPA's review and approval for the SCAQMD relocation of the O<sub>3</sub>, CO, NO<sub>2</sub>, PM<sub>2.5</sub>, and PM<sub>10</sub> SLAMS monitors from the Azusa – Loren Avenue site (AQ5 Site ID: 06-037-0002) to the Azusa – Army National Guard site (AQ5 ID: to be determined). On June 28, 2024, SCAQMD sent EPA its ANP which included a request for EPA approval of this network change. In this ANP, SCAQMD explained the need to relocate the Azusa – Loren Avenue monitoring site due to logistics beyond SCAQMD's control (i.e. end-of-lease inquiries from the property owners). Per 40 CFR 58.14, monitoring agencies are required to obtain EPA approval for the relocation of SLAMS monitors.

The Azusa - Loren Avenue CO and NO<sub>2</sub> monitor relocations were 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 CO data against criteria in 40 CFR 58(c)(1). As the site stopped collecting data in September 2022, EPA reviewed the most recently available complete calendar years of data. According to certified data from 2018-2022 in AQ5, EPA determined that this monitor meets the requirements for discontinuation under 40 CFR 58.14(c)(1). The Azusa - Loren Avenue CO monitor was in attainment of the 1971 1-hour and 8-hour CO 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. This site is not needed to fulfill 40 CFR 58 Appendix D requirements for near-road CO monitoring and is not required by the EPA Regional Administrator.

EPA reviewed the NO<sub>2</sub> data against criteria in 40 CFR 58(c)(1). As the site stopped collecting data in September 2022, EPA reviewed the most recently available complete calendar years of data. According to certified data from 2017-2021 in AQ5, EPA determined that this monitor meets the requirements for discontinuation under 40 CFR 58.14(c)(1). The Azusa – Loren Avenue NO<sub>2</sub> monitor was in attainment of the 1971 annual standard and the 2010 1-hour NO<sub>2</sub> NAAQS for design value years 2017-2021. The EPA has determined that, based on design values from 2017-2021, 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 was not specifically required by an attainment or maintenance plan. This monitor is not required to meet 40 CFR 58 Appendix D area-wide minimum monitoring or near-road monitoring requirements.



The Azusa – Loren Avenue O<sub>3</sub>, PM<sub>2.5</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 Azusa – Loren Avenue site was located at 803 North Lauren Street, Azusa, CA 91702. The relocation site, Azusa - Army National Guard site, is nearby the California National Guard property at 1351 W Sierra Madre Ave., Azusa, CA 91702, approximately 0.5 miles north by northwest of the original site location. Both sites are in an area characterized by residential, commercial, and industrial land use. The original and proposed relocation site are expected to measure similar O<sub>3</sub>, CO, NO<sub>2</sub>, PM<sub>2.5</sub>, PM<sub>10</sub> concentrations from similar sources due to the consistency in land use and proximity to sources. This relocation will not prevent SCAQMD from meeting 40 CFR part 58, Appendix D requirements.

Based on the assessment of the scale of representation, EPA has determined that SCAQMD’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 Azusa – Loren Avenue O<sub>3</sub>, CO, NO<sub>2</sub>, PM<sub>2.5</sub>, and PM<sub>10</sub> SLAMS monitors to the proposed site, Azusa – Army National Guard. 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 Relocation of Indio Jackson Street O<sub>3</sub>, PM<sub>2.5</sub>, and PM<sub>10</sub> SLAMS monitors to Indio Amistad High School**

This enclosure provides the EPA review and approval for the SCAQMD relocation of the O<sub>3</sub>, PM<sub>2.5</sub>, and PM<sub>10</sub> SLAMS monitors from the Indio – Jackson Street site (AQ5 Site ID: 06-065-2002) to the Indio – Amistad High School site (AQ5 ID: 06-065-2007). On June 28, 2024, SCAQMD sent EPA its ANP which included a request for EPA approval of this network change. In this ANP, SCAQMD explained the need to relocate the Indio – Jackson Street monitoring site due to logistics beyond SCAQMD's control (i.e. end-of-lease inquiries from the property owners). Per 40 CFR 58.14, monitoring agencies are required to obtain EPA approval for the relocation of SLAMS monitors.

The Indio – Jackson Street PM<sub>10</sub>, PM<sub>2.5</sub> and O<sub>3</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 Indio – Jackson Street site was located at 46990 Jackson Street, Indio, CA 92201. The relocation site, Indio – Amistad High School site, is located at 44801 Golf Center Parkway, Indio, CA 92201, approximately 1.25 miles north by northeast of the original site location. Both sites have a neighborhood scale of representation for O<sub>3</sub>, PM<sub>10</sub>, and PM<sub>2.5</sub>, meaning they expected to have relatively uniform land use in the 0.5 to 4.0 kilometers spatial range. Both sites are in an area characterized by residential and commercial land use. The original and proposed relocation site are expected to measure similar PM<sub>10</sub>, PM<sub>2.5</sub>, and O<sub>3</sub> concentrations from similar sources due to the consistency in land use and proximity to sources. This relocation will not prevent SCAQMD from meeting 40 CFR part 58, Appendix D requirements.

Based on the assessment of the scale of representation, EPA has determined that SCAQMD'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 Indio – Jackson PM<sub>10</sub>, PM<sub>2.5</sub> and O<sub>3</sub> SLAMS monitors to the proposed site, Indio – Amistad High School. 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 AQ5 comment field for both the old and the new AQ5 site. Also, please attach this enclosure and include the relevant monitor and site information in your next Annual Monitoring Network Plan.



**E. Approval of Relocation of LAX – Hastings O<sub>3</sub>, CO, NO<sub>2</sub>, SO<sub>2</sub>, PM<sub>10</sub> and Pb SLAMS monitors to LAX – 2**

This enclosure provides the EPA review and approval for the SCAQMD relocation of the O<sub>3</sub>, CO, NO<sub>2</sub>, SO<sub>2</sub>, PM<sub>10</sub> and Pb SLAMS monitors from the LAX – Hastings site (AQ5 Site ID: 06-037-5005) to the LAX – 2 site (AQ5 ID: to be determined). On June 28, 2024, SCAQMD sent EPA its ANP which included a request for EPA approval of this network change. In this ANP, SCAQMD explained the need to relocate the LAX – Hastings site due to logistics beyond SCAQMD's control (i.e. redevelopment of land by the Los Angeles World Airports). Per 40 CFR 58.14, monitoring agencies are required to obtain EPA approval for the relocation of SLAMS monitors.

The LAX – Hastings CO, NO<sub>2</sub>, and SO<sub>2</sub> monitor relocations were 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 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 CO data against criteria in 40 CFR 58(c)(1). As the site stopped collecting data in September 2021, EPA reviewed the most recently available complete calendar years of data. According to certified data from 2017-2021 in AQ5, EPA determined that this monitor meets the requirements for discontinuation under 40 CFR 58.14(c)(1). The LAX – Hastings CO monitor was in attainment of the 1971 1-hour and 8-hour CO NAAQS for design value years 2017-2021. The EPA has determined that, based on design values from 2017-2021, 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 was not specifically required by an attainment or maintenance plan. This site is not needed to fulfill 40 CFR 58 Appendix D requirements for near-road CO monitoring and is not required by the EPA Regional Administrator.

EPA reviewed the NO<sub>2</sub> data against criteria in 40 CFR 58(c)(1). As the site stopped collecting data in September 2021, EPA reviewed the most recently available complete calendar years of data. According to certified data from 2016-2020 in AQ5, EPA determined that this monitor meets the requirements for discontinuation under 40 CFR 58.14(c)(1). The LAX – Hastings NO<sub>2</sub> monitor was in attainment of the 1971 annual standard and the 2010 1-hour NO<sub>2</sub> NAAQS for design value years 2016-2020. The EPA has determined that, based on design values from 2016-2020, 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. This monitor is not required to meet 40 CFR 58 Appendix D area-wide minimum monitoring or near-road monitoring requirements.

EPA reviewed the SO<sub>2</sub> data against criteria in 40 CFR 58(c)(1). As the site stopped collecting data in September 2021, EPA reviewed the most recently available complete calendar years of data. According to certified data from 2016-2020 in AQ5, EPA determined that this monitor meets

the requirements for discontinuation under 40 CFR 58.14(c)(1). The LAX – Hastings SO<sub>2</sub> monitor was in attainment of the 2010 1-hour SO<sub>2</sub> NAAQS for design value years 2016-2020. The EPA has determined that, based on design values from 2016-2020, 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. This site is not needed to fulfill 40 CFR 58 Appendix D requirements for monitoring based on the population weighted emissions index, and it is not required by the EPA Regional Administrator. This site is also not required to satisfy the 2015 SO<sub>2</sub> Data Requirements Rules (DRR) (80 FR 51052).

The LAX – Hastings O<sub>3</sub>, PM<sub>10</sub>, and Pb 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 LAX – Hastings site was located at 7201 W. Westchester Parkway, Los Angeles CA 90045. The relocation site, LAX – 2, is located at 9111 Falmouth Ave, Playa del Rey, CA 90293, approximately 0.47 miles southwest of the original site location. Both sites are in an area characterized by residential land use and close proximity to the Los Angeles International Airport. The original and proposed relocation site are expected to measure similar O<sub>3</sub>, CO, NO<sub>2</sub>, SO<sub>2</sub>, PM<sub>10</sub> and Pb concentrations from similar sources due to the consistency in land use and proximity to sources. This relocation will not prevent SCAQMD from meeting 40 CFR part 58, Appendix D requirements.

Based on the assessment of the scale of representation, EPA has determined that SCAQMD’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 LAX – Hastings O<sub>3</sub>, CO, NO<sub>2</sub>, SO<sub>2</sub>, PM<sub>10</sub> and Pb SLAMS monitors to the proposed site, LAX – 2. 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.



#### G. Approval of Discontinuation of Uddeholm Pb SLAMS monitor

This enclosure provides the EPA review and approval for the SCAQMD discontinuation of the Pb SLAMS monitor from the Uddeholm site (AQS Site ID: 06-037-1403). On June 28, 2024, SCAQMD sent EPA its ANP which included a request for EPA approval of this network change. In this ANP, SCAQMD explained the need to discontinue the Uddeholm site due to logistics beyond SCAQMD's control (i.e. termination of lease); consequently, the Pb monitor ceased its operations in April 2022. Per 40 CFR 58.14, monitoring agencies are required to obtain EPA approval for the relocation 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 SCAQMD'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 discontinuation of the Pb SLAMS monitor at the Uddeholm site.

The Uddeholm site was within the South Coast Air Basin, CA Pb nonattainment area for the 2008 Pb NAAQS. The Uddeholm site was attaining the 2008 Pb NAAQS in 2021; the 2017-2020 design values were invalid due to incomplete data collected in 2016, 2017, and 2018. While there were five 24-hour concentrations above the level of the 3-month rolling average in September 2017, February 2018, and March 2018, no rolling three-month averages above 2008 Pb NAAQS of 0.15 ug/m<sup>3</sup> were recorded at the monitoring site in the last five design value periods (design values 2017-2021, which include three calendar years that meets data completeness requirements). Furthermore, February, March, and September 2019, 2020, 2021, and February and March 2022 data continued to show concentrations below the levels of the 2008 Pb NAAQS. The site was not the design value site for the 2008 Pb Los Angeles-South Coast Air Basin, CA nonattainment area and consistently measured lower concentrations of Pb than other monitors in the nonattainment area. This 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.

This site is not needed to fulfill 40 CFR 58 Appendix D requirements for source-oriented monitoring at airports that emit 1.0 or more tons of Pb per year, non-airport sources that emit 0.5 tons or more of Pb per year, and it is not required by the EPA Regional Administrator. Therefore, the closure of this monitoring site will not prevent SCAQMD from meeting 40 CFR 58 Appendix D requirements.

Based on these analyses, EPA approves SCAQMD's discontinuation of the Uddeholm Pb SLAMS monitor. Also, please attach this enclosure and the relevant monitor and site information in the next SCAQMD annual monitoring network plan.