



South Coast Air Quality Management District

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SENT VIA E-MAIL:

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Notice of Preparation of a Draft Environmental Impact Report for
Arroyo Seco Water Reuse Project (Proposed Project)
(SCH No: 2023110605)

South Coast Air Quality Management District (South Coast AQMD) staff appreciate the opportunity to comment on the above-mentioned document. Our comments are recommendations on the analysis of potential air quality impacts from the Proposed Project that should be included in the Draft Environmental Impact Report (EIR). Please send a copy of the Draft EIR upon its completion and public release directly to South Coast AQMD as copies of the Draft EIR submitted to the State Clearinghouse are not forwarded. **In addition, please send all appendices and technical documents related to the air quality, health risk, and greenhouse gas analyses (electronic versions of all emission calculation spreadsheets, air quality modeling, and health risk assessment input and output files, not PDF files). Any delays in providing all supporting documentation for our review will require additional review time beyond the end of the comment period.**

CEQA Air Quality Analysis

The Lead Agency is recommended to rely on the guidance provided in the South Coast AQMD's CEQA Air Quality Handbook and website¹ when preparing the air quality and greenhouse gas analyses. It is also recommended that the Lead Agency use the California Air Pollution Control Officers Association's California Emissions Estimator Model (CalEEMod)² software, to quantify emissions of air pollutants from typical land use development project.

In addition, the South Coast AQMD has adopted regional air quality significance thresholds³ as well as localized significance thresholds (LST).⁴ If the Lead Agency has not adopted its own significance thresholds, the Lead Agency is recommended to rely on South Coast AQMD's adopted thresholds for determining whether the Proposed Project's air quality and greenhouse gas

¹ South Coast AQMD's CEQA Air Quality Handbook and other resources for preparing air quality analyses can be found at: <http://www.aqmd.gov/home/rules-compliance/ceqa/air-quality-analysis-handbook>.

² CalEEMod is available free of charge at: www.caleemod.com.

³ South Coast AQMD's air quality significance thresholds can be found at: <https://www.aqmd.gov/docs/default-source/ceqa/handbook/south-coast-aqmd-air-quality-significance-thresholds.pdf>

⁴ South Coast AQMD's guidance for performing a localized air quality analysis can be found at: <http://www.aqmd.gov/home/regulations/ceqa/air-quality-analysis-handbook/localized-significance-thresholds>.

impacts are significant. It is important to note that the localized analysis can be conducted by either using the LST screening tables or performing air dispersion modeling.

The Lead Agency should identify any potential adverse air quality and greenhouse gas impacts that could occur from all phases of the Proposed Project and all air pollutant sources related to the Proposed Project. Air quality and greenhouse gas impacts from both construction (including demolition, if any) and operations should be calculated. Construction-related air quality impacts typically include, but are not limited to, emissions from the use of heavy-duty equipment from grading, earth-loading/unloading, paving, architectural coatings, off-road mobile sources (e.g., heavy-duty construction equipment) and on-road mobile sources (e.g., construction worker vehicle trips, material transport trips, and hauling trips). Operation-related air quality and greenhouse gas impacts may include, but are not limited to, emissions from stationary sources (e.g., boilers and air pollution control devices), area sources (e.g., solvents and coatings), and vehicular trips (e.g., on- and off-road tailpipe emissions and entrained dust). Air quality and greenhouse gas impacts from indirect sources, such as sources that generate or attract vehicular trips, should be included in the analysis. Furthermore, if the Lead Agency elects to rely on South Coast AQMD's air quality significance thresholds, the emissions from the overlapping construction and operational activities should be combined and compared to South Coast AQMD's air quality significance thresholds for *operation* to determine the level of significance.

If the Proposed Project generates diesel emissions from long-term construction or attracts diesel-fueled vehicular trips, especially if heavy-duty diesel-fueled vehicles will be used, it is recommended that the Lead Agency perform a mobile source health risk assessment.⁵

Also, if implementation of the Proposed Project would require the use of new stationary and portable sources, including but not limited to emergency generators, fire water pumps, boilers, spray booths, etc., one or more air permits from South Coast AQMD will be required, and the role of South Coast AQMD would change from a Commenting Agency under CEQA to a Responsible Agency as defined in CEQA Guidelines Section 15381. The assumptions in the air quality analysis in the EIR will be the basis for evaluating the air permit(s) under CEQA and imposing permit conditions and limits. Questions about air permit requirements should be directed to South Coast AQMD's Engineering and Permitting staff at (909) 396-3385.

In addition, CEQA Guidelines Section 15096 sets forth specific procedures for a Responsible Agency, including making a decision on the adequacy of the CEQA document for use as part of evaluating the applications for air permits. For these reasons, the EIR should include a discussion about any new stationary and portable equipment requiring South Coast AQMD air permits and identify South Coast AQMD as a Responsible Agency for the Proposed Project, if applicable. Also, as set forth in CEQA Guidelines Sections 15086, the Lead Agency is required to consult with all Responsible Agencies with discretionary approval power over the Proposed Project. Thus, if air permits are required and South Coast AQMD is identified as a Responsible Agency, please let this comment letter serve as South Coast AQMD's request to convene a meeting with the Lead Agency as required by CEQA Guidelines Section 15104 to discuss the scope and content of the environmental information that will need to be included in the Draft EIR.

⁵ South Coast AQMD's guidance for performing a mobile source health risk assessment can be found at: <http://www.aqmd.gov/home/regulations/ceqa/air-quality-analysis-handbook/mobile-source-toxics-analysis>.

Mitigation Measures

In the event that the Proposed Project results in significant adverse air quality impacts, CEQA requires that all feasible mitigation measures that go beyond what is required by law be utilized to minimize these impacts. Any impacts resulting from mitigation measures must also be analyzed. Several resources to assist the Lead Agency with identifying potential mitigation measures for the Proposed Project include South Coast AQMD's CEQA Air Quality Handbook,⁶ South Coast AQMD's Mitigation Monitoring and Reporting Plan for the 2022 Air Quality Management Plan,⁷ and Southern California Association of Government's Mitigation Monitoring and Reporting Plan for the 2020-2045 Regional Transportation Plan/Sustainable Communities Strategy.⁸

South Coast AQMD staff is available to work with the Lead Agency to ensure that air quality, greenhouse gas, and health risk impacts from the Proposed Project are accurately evaluated and mitigated where feasible. If you have any questions regarding this letter, please contact Zoya Banan, Ph.D., Air Quality Specialist, at ZBanan@aqmd.gov.

Sincerely,

Sam Wang

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Planning, Rule Development & Implementation

SW:ZB

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⁶ <https://www.aqmd.gov/home/rules-compliance/ceqa/air-quality-analysis-handbook>

⁷ South Coast AQMD's 2022 Air Quality Management Plan can be found at: <http://www.aqmd.gov/home/air-quality/clean-air-plans/air-quality-mgt-plan> (Chapter 4 - Control Strategy and Implementation).

⁸ Southern California Association of Governments' 2020-2045 RTP/SCS can be found at: https://www.connectsocial.org/Documents/PEIR/certified/Exhibit-A_ConnectSoCal_PEIR.pdf.