
*Final Addendum to Los Angeles County
Flood Control District Enhanced Watershed
Management Programs Final Program
Environmental Impact Report
State Clearing House No. 2014081106*

East Los Angeles Sustainable Median Stormwater Capture Project

Prepared for
**County of Los Angeles
Department of Public Works**

August 2018

Prepared by



46 Discovery, Suite 250
Irvine, California 92618

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EAST LOS ANGELES SUSTAINABLE MEDIAN STORMWATER CAPTURE PROJECT

FINAL ADDENDUM

Purpose of the Addendum

The East Los Angeles Sustainable Median Stormwater Capture Project (Proposed Project) is a subsequent activity to the Los Angeles County Flood Control District's (LACFCD's) Enhanced Water Management Programs (EWMP). In May 2015, a Program Environmental Impact Report (PEIR) (State Clearinghouse No. 2014081106) was prepared for the Enhanced Water Management Program.¹ As the Proposed Project is a subsequent activity to a previously certified PEIR, CEQA Guidelines Section 15168(c) applies. Section 15168(c) requires that subsequent activities in a program be examined in light of the PEIR to determine whether any additional environmental document must be prepared. The Proposed Project involves site specific operations, and thus, the evaluation in the Addendum must comply with CEQA Guidelines Section 15168(c)(4) which states, "Where the subsequent activities involve site specific operations, the agency should use a written checklist or similar device to document the evaluation of the site and the activity to determine whether the environmental effects of the operation were covered in the program EIR." Accordingly, the Addendum includes a written checklist and evaluation of the Project site and activity to determine whether an additional environmental document must be prepared. Based on this evaluation presented herein, it has been determined that the Proposed Project is within the scope of the program covered by the PEIR and that no new significant impacts that are not examined in the PEIR occur and that no new mitigation measures would be required. Therefore, pursuant to CEQA Guidelines Section 15164, an Addendum to the PEIR was prepared to address specific impacts associated with the Proposed Project, and no conditions calling for the preparation of a subsequent EIR have occurred. The basis for this determination is discussed further below and supported by the written checklist and evaluation presented in the Addendum.

Basis for Addendum

Section 15164 of the State CEQA Guidelines identifies the circumstances that permit the completion of an addendum. The State CEQA Guidelines state that, "The lead agency or responsible agency shall prepare an addendum to a previously certified EIR if some changes or additions are necessary but none of the conditions described in Section 15162 calling for preparation of a subsequent EIR have occurred." The State CEQA Guidelines also require that a brief explanation of the decision not to prepare a subsequent EIR pursuant to Section 15162 should be included in an addendum to an EIR, the lead agency's findings on the project, or elsewhere in the record. The explanation must be supported by substantial evidence.

An explanation of why none of the conditions described in Section 15162 of the State CEQA Guidelines calling for the preparation of a subsequent EIR have occurred, as well as

¹ The Program EIR is available at the County of Los Angeles Department of Public Works located at 900 S. Fremont Avenue Alhambra, California 91803 or online at <https://dpw.lacounty.gov/lacfd/ewmppeir/>

incorporation of the above discussion, is provided below, which is supported by substantial evidence in the Addendum:

- (1) *Substantial changes are proposed in the project which will require major revisions of the previous EIR or negative declaration due to the involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant effects.*

The PEIR states that it can be used by the LACFCD or other Permittees (including the County) to streamline environmental review of individual EWMP projects. “As individual projects identified in the EWMPs are fully developed, the implementing agency (i.e., the Permittee responsible for implementing a project) will conduct CEQA analysis for individual projects as appropriate or may determine that no additional CEQA analysis is required or that a project is exempt from CEQA.” The Addendum addresses the implementation of an individual EWMP project, specifically implementation of a centralized structural Best Management Practice (BMP) in East Los Angeles under the Upper Los Angeles River EWMP (the Proposed Project). The Proposed Project is identified in Appendix 4B of the PEIR, in Attachment A, page A-D4 (figure) and Attachment C, page C1, as parcel number 6351025015 in the table. The primary objectives of the Addendum are to: (1) document the site and activity; (2) evaluate if environmental effects of the Proposed Project’s construction and operation were covered in the PEIR; and (3) determine if the overall conclusions of the PEIR, particularly as related to the identification of significant impacts, would be materially changed by the Proposed Project. As described in detail in the Addendum, there are no substantial changes that would require major revisions of the PEIR, no new significant impacts resulting from the Proposed Project, nor is there any substantial increase in the severity of any previously identified environmental impacts. The Proposed Project impacts would either be the same or lessened from the anticipated levels identified in the PEIR.

- (2) *Substantial changes occur with respect to the circumstances under which the project is undertaken which will require major revisions of the previous EIR or Negative Declaration due to the involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant effects.*

As detailed in the Addendum, there have been no substantial changes with respect to the Proposed Project and the circumstances under which the approved PEIR was undertaken.

- (3) *New information of substantial importance, which was not known and could not have been known, with the exercise of reasonable diligence at the time the previous EIR was certified as complete or the Negative Declaration was adopted, shows any of the following:*

- (A) The project will have one or more significant effects not discussed in the previous EIR or negative declaration.

There is no evidence to suggest that the changes contemplated by this Addendum would result in any new or more significant impacts on the environment as compared to those discussed in the certified EIR. The Proposed Project has not changed the approved PEIR in a way that would result in a significant physical

impact on the environment that is different from the impacts identified in the PEIR. All previously identified mitigation measures contained in the PEIR's Mitigation Monitoring and Reporting Program (MMRP) remain in effect and applicable per their terms and all those that are applicable to the Proposed Project will be approved as part of Proposed Project.

- (B) Significant effects previously examined will be substantially more severe than shown in the previous EIR.

None of the effects identified in this Addendum would be substantially more severe than identified in the PEIR. All of the effects identified in this Addendum would be similar to or less than those identified in the PEIR.

- (C) Mitigation measures or alternatives previously found not to be feasible would in fact be feasible, and would substantially reduce one or more significant effects of the project, but the project proponents decline to adopt the mitigation measure or alternative.

The Proposed Project's potential impacts (as detailed in the Addendum) have not changed the approved PEIR conclusions in any way that would result in significant physical changes in the environment beyond those already contemplated, analyzed and disclosed in the PEIR. No new or changed mitigation measures or alternatives previously found not to be feasible were found to, in fact, be feasible. Further, all mitigation measures identified in the PEIR's MMRP applicable to the Proposed Project remain feasible.

- (D) Mitigation measures or alternatives which are considerably different from those analyzed in the previous EIR would substantially reduce one or more significant effects on the environment, but the project proponents decline to adopt the mitigation measure or alternative.

No additional mitigation measures or alternatives have been identified that would substantially reduce the significant impacts identified in the Addendum and PEIR. Previously identified mitigation measures in the PEIR's MMRP remain applicable.

Based on the Environmental Checklist Form prepared for the Proposed Project and supporting environmental analysis, the Proposed Project would not result in any new significant impacts which were not previously addressed in the PEIR.

Public Review of Draft Addendum

CEQA does not require an addendum be circulated for public review but that it shall be considered prior to making a decision on the project. Although not required by CEQA, approximately 2,795 notices regarding the availability of the Draft Addendum were distributed to various government agencies, organizations and individuals prior to the April 13, 2018 posting of the document for a 30-day review period. Printed copies of the Draft Addendum were available for review at the County Public Works Department, Stormwater Quality Division, 900 S. Fremont Avenue, Alhambra, California 91803, and the document was available on the County's web site at

<http://www.portoflosangeles.org/environmental/publicnotice.htm>. Interested parties were encouraged to complete their review of the Draft Addendum by May 13, 2018.

During the 30-day public review period, one comment letter was received. The comment letter and response to the comments are included in the Final Addendum. The comments received did not result in changes to the Draft Addendum text, analysis or mitigation.

In addition, no changes have been made that update, clarify, amplify or represent modifications to the Draft Addendum.

This Final Addendum consists of (1) the Draft Addendum, including all technical appendices; (2) this introduction; (3) the responses to the one comment letter received during the public availability of the Draft Addendum; and (4) the MMRP. The County of Los Angeles Board of Supervisors (Board) will use the Final Addendum for all environmental decisions related to the Proposed Project.

Response to Comments

The Draft Addendum was made available for a 30-day review period, beginning on April 13, 2018 and ending on May 13, 2018. During the 30-day review period, one comment letter was received by the County of Los Angeles. This section provides responses to the comment letter received. The specific comments within the letter received have been bracketed and numbered (e.g., 1, 2, 3, etc.) and are referred to by Comment Letter Author and Response No. A copy of the comment letter is provided before the responses to the comments.

The following public agency submitted written comments on the Draft Addendum:

South Coast Air Quality Management District (SCAQMD)
Lijin Sun, J.D., Program Supervisor, CEQA IGR
Planning, Rule Development & Area Sources
May 1, 2018



South Coast Air Quality Management District

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

SENT VIA E-MAIL AND USPS:

May 1, 2018

llevy@dpw.lacounty.gov

Leslie J. Levy, Environmental Engineering Specialist
Stormwater Quality Division, 11th Floor
County of Los Angeles, Department of Public Works
900 S. Fremont Avenue
Alhambra, California 91803

Addendum to Final Program Environmental Impact Report (Final PEIR) for the Proposed East Los Angeles Sustainable Median Stormwater Capture Project (SCH No.: 2014081106)

The South Coast Air Quality Management District (SCAQMD) staff appreciates the opportunity to comment on the above-mentioned document. The following comments are meant as guidance for the Lead Agency and should be incorporated into the Final Addendum to the Final PEIR.

SCAQMD Staff's Summary of Project Description

The Lead Agency proposes to construct Low Impact Development features, including bioswales, pipelines, diversion structures, walkways, recreational and public use areas, and roadway improvements (Proposed Project). The Proposed Project will also include treatment of 232 acre-feet of stormwater from a 3,000-acre tributary area.

SCAQMD Staff's Summary of Air Quality Analysis

In the Addendum to the Final PEIR, the Lead Agency quantified the Proposed Project's construction emissions and compared the emissions to SCAQMD regional air quality CEQA thresholds of significance for construction. The Lead Agency found that the Proposed Project's construction emissions from NO_x would be significant and unavoidable after incorporating Mitigation Measures AIR-1 and AIR-2¹ that were previously adopted in the 2014 Mitigation Monitoring and Reporting Program (MMRP)². Details of these mitigation measures are discussed below.

- Mitigation Measure AIR-1 requires that for large Regional and Centralized BMPs, implementing agencies shall require the use of low-emission equipment meeting Tier II emissions standards at a minimum and Tier III and IV emissions standards where available as CARB required emissions technologies become readily available to contractors in the region³.
- Mitigation Measure AIR-2 requires that for large construction efforts that may result in significant air emissions, implementing agencies shall encourage contractors to use lower-emission equipment through the bidding process where appropriate⁴.

While the Proposed Project's NO_x emissions from construction would exceed SCAQMD regional air quality CEQA significance threshold, the determination is consistent with the findings in the Final PEIR for centralized structural BMP projects. Therefore, the Proposed Project does not result in a new significant air quality impact or a substantial increase in the severity of the air quality impact that has not been analyzed in the previously certified Final PEIR to trigger recirculation under Section 15088.5 of the CEQA Guidelines.

¹ Addendum, Page 4-11.

² MMRP, Page 2.

³ *Ibid.*

⁴ *Ibid.*

SCAQMD Staff's Comments

CEQA requires that all feasible mitigation measures go beyond what is required by law to minimize any significant adverse impacts. As stated above, while implementation of the Proposed Project does not generate a new or more severe air quality impact, NOx emissions during construction would remain significant. On March 3, 2017, the SCAQMD's Governing Board adopted the 2016 Air Quality Management Plan (2016 AQMP)⁵, which was later approved by the California Air Resources Board of Directors on March 23, 2017. Built upon the progress in implementing the 2007 and 2012 AQMPs, the 2016 AQMP provides a regional perspective on air quality and the challenges facing the South Coast Air Basin. The most significant air quality challenge in the South Coast Air Basin is to achieve an additional 45 percent reduction in nitrogen oxide (NOx) emissions in 2023 and an additional 55 percent NOx reduction beyond 2031 levels for ozone attainment. To achieve NOx emissions reductions in a timely manner is critical to attaining the National Ambient Air Quality Standard (NAAQS) for ozone before the 2023 and 2031 deadlines. SCAQMD is committed to attain the ozone NAAQS as expeditiously as practicable. The Proposed Project plays an important role in contributing to NOx emissions during construction. For these reasons, SCAQMD staff recommends that the Lead Agency incorporate the following mitigation measure in the Final Addendum to further reduce NOx emissions from construction. The recommended mitigation measure is not considerably different from the existing Mitigation Measure AIR-1 since Mitigation Measure AIR-1 has already contemplates the use of construction equipment that meet or exceed Tier III and Tier IV emission standards.

Tier 4 Construction Equipment or Level 3 Diesel Particulate Filters

To further reduce NOx emissions during construction, SCAQMD staff recommends that the Lead Agency use off-road diesel-powered construction equipment that meets or exceeds the CARB and USEPA Tier IV off-road emissions standards for equipment rated at 50 horsepower or greater during Project construction. Such equipment will be outfitted with Best Available Control Technology (BACT) devices including a CARB certified Level 3 Diesel Particulate Filters (DPF). Level 3 DPFs are capable of achieving at least 85 percent reduction in particulate matter emissions⁶. A list of CARB verified DPFs are available on the CARB website⁷. A copy of each unit's certified tier specification or model year specification and CARB or SCAQMD operating permit (if applicable) shall be available upon request at the time of mobilization of each applicable unit of equipment. In the event that construction equipment cannot meet the Tier IV engine certification, the Project representative or contractor must demonstrate through future study with written findings supported by substantial evidence that is approved by the Lead Agency before using other technologies/strategies. Alternative applicable strategies may include, but would not be limited to, construction equipment with Tier III emissions standards, reduction in the number and/or horsepower rating of construction equipment, limiting the number of daily construction haul truck trips to and from the Proposed Project, using cleaner vehicle fuel, and/or limiting the number of individual construction project phases occurring simultaneously. The Lead Agency should include the requirements in applicable bid documents or contract specification with contractors for the Proposed Project. Successful contractor(s) must demonstrate the ability to supply such equipment. In addition, the Lead Agency should require periodic reporting and provision of written documents by contractors to prove and ensure compliance.

Conclusion

While an addendum need not be circulated for public review, and CEQA does not require provision of response to comments on an addendum prior to making a decision on a project, it is requested that the

⁵ South Coast Air Quality Management District. March 3, 2017. *2016 Air Quality Management Plan*. Accessed at: <http://www.aqmd.gov/home/library/clean-air-plans/air-quality-mgt-plan>.

⁶ California Air Resources Board. November 16-17, 2004. *Diesel Off-Road Equipment Measure – Workshop*. Page 17. Accessed at: https://www.arb.ca.gov/msprog/ordiesel/presentations/nov16-04_workshop.pdf.

⁷ *Ibid*. Page 18.

Lead Agency provide SCAQMD staff with written responses to the comments contained herein prior to the adoption of the Final Addendum to the Final PEIR. In addition, issues raised in the comments should be addressed in detail giving reasons why specific comments and suggestions are not accepted. There should be good faith, reasoned analysis in response. Conclusory statements unsupported by factual information will not suffice (CEQA Guidelines Section 15088(c)). Conclusory statements do not facilitate the purpose and goal of CEQA on public disclosure and are not meaningful or useful to decision makers and to the public who are interested in the Proposed Project.

SCAQMD staff is available to work with the Lead Agency to address these issues and any other questions that may arise. Please contact me at lsun@aqmd.gov if you have any questions regarding the enclosed comments.

Sincerely,



Lijin Sun, J.D.

Program Supervisor, CEQA IGR

Planning, Rule Development & Area Sources

LS
LAC180417-09
Control Number

South Coast Air Quality Management District (SCAQMD)

Response to Comment SCAQMD-1

The comment is noted. The comment summarizes the conclusions of the Draft Addendum with respect to air quality impacts and does not identify any specific deficiencies or contest the adequacy of the Draft Addendum; therefore, no further response is required (PRC 21091(d); State CEQA Guidelines Section 15204(a); 40 CFR 1503.4 (a)(5)).

Response to Comment SCAQMD-2

The comment is noted. For the purposes of determining peak impacts, it was conservatively assumed that the peak daily emissions for each project component (Northside Drive Median, Southside Drive Median, Montebello Parkway, Coolidge Drive, and Olympic Boulevard) would occur on the same day, thus resulting in significant impacts. Actual project phasing would likely differ from this assumption and not all project components would be under construction simultaneously. Further, even if all project components were to be under construction simultaneously, it would be exceedingly unlikely that the peak day of emissions for each component would overlap. Therefore, significant NO_x emissions are exacerbated by the conservative construction schedule assumptions, and it is likely that actual emissions of NO_x would be less than identified in the Addendum. When applying the most conservative assumptions, as identified in the PEIR and confirmed in the Addendum, the Proposed Project's construction emissions of NO_x would be significant and unavoidable after incorporating Mitigation Measures AIR-1 and AIR-2. As detailed in the Addendum to the PEIR, and as required under CEQA, all feasible mitigation measures have already been adopted for the purpose of minimizing significant adverse impacts associated with NO_x emissions. The identified mitigation measures shall be implemented to the fullest extent to reduce NO_x emissions to the greatest degree feasible.

The mitigation measure proposed by SCAQMD does not considerably differ from Mitigation Measure AIR-1, since Mitigation Measure AIR-1 already requires the use of the highest tier construction equipment available. The proposed measure differs meaningfully only in the requirement to apply Level 3 Diesel Particulate Filters (DPFs) to Tier 3 construction equipment. Requiring DPFs would result in a reduction of PM₁₀ impacts; but would not result in a reduction of NO_x impacts. As detailed in the Addendum, the Proposed Project's emissions of PM₁₀ would be less than significant without mitigation. Therefore, no mitigation measures to reduce PM₁₀ are required under CEQA. For these reasons, the SCAQMD recommended measure would go beyond the requirements of CEQA and was determined unnecessary for the Project.

Response to Comment SCAQMD-3

The comment is noted. Responses to SCAQMD's comments are provided in this Final Addendum. The County will also be providing SCAQMD with written responses prior to the adoption of the Final Addendum to the PEIR by the Board of Supervisors.

Mitigation Monitoring and Reporting Program

Section 21081.6 of the Public Resources Code (PRC), enacted by passage of Assembly Bill 3180 (Cortese Bill), and the California Environmental Quality Act (CEQA) Guidelines section 15097 require public agencies approving projects with significant environmental impacts to adopt a Mitigation Monitoring and Reporting Program (MMRP). This objective of the program is to ensure that mitigation measures adopted to avoid or mitigate potentially significant environmental impacts are implemented. Section 21081.6 of the PRC requires all state and local agencies to establish monitoring and reporting programs whenever approval of a project relies upon a Mitigated Negative Declaration or an environmental impact report. In accordance with these requirements, this MMRP has been prepared to ensure that mitigation measures identified in the Addendum for the proposed construction and operation of the Proposed Project are implemented in an effective and timely manner, and that identified impacts are avoided or mitigated to a level of insignificance. This MMRP identifies responsible parties for the mitigation program and includes a detailed discussion of monitoring and reporting procedures for each mitigation measure.

Responsible Party

The County of Los Angeles Department of Public Works (as Lead Agency), or its designee, will be responsible for implementing and reporting mitigation measures in this program. The Lead Agency will have responsibility for ensuring that mitigation measures are accomplished in an environmentally responsible manner. The Lead Agency will be responsible for ensuring that the status of mitigation measures is reported in accordance with this program. The Lead Agency will be responsible for ensuring that the cost of mitigation is included in its budget, as appropriate.

The Lead Agency will be responsible for program oversight and ensure that applicable mitigation measures are carried forward in construction and operational and maintenance procedures. Mitigation measures will be included in applicable request for proposals, specifications and procedures issued for construction of the proposed project within the scope of this project. Other mitigation measures implemented by the construction contractor will be subject to oversight by the Lead Agency. In addition, the Lead Agency will be responsible for ensuring that mitigation measures are properly carried out by designated and qualified personnel, which may include specialty contractors.

Mitigation Requirements

As described in Section 1.8 of this Addendum, this is an Addendum to the Los Angeles County Flood Control District Enhanced Watershed Management Programs (EWMPs) Final Program Environmental Impact Report (PEIR) (State Clearinghouse No. 2014081106) certified in May 2015.² All PEIR Mitigation Measures that *are* applicable to the Proposed Project (see Section 4 of the Addendum), as well as the timing of verification, and parties responsible for verifying that

² The Program EIR is available at the County of Los Angeles Department of Public Works located at 900 S. Fremont Avenue Alhambra, California 91803 or online at <https://dpw.lacounty.gov/lacfd/ewmppeir/>

the implementing action is taken identified in the adopted MMRP for the PEIR are identified within this MMRP. PEIR Mitigation Measures that *are not* applicable to the Proposed Project (see Section 4 of the Addendum), are not identified within the MMRP.

Schedule and Reporting Frequency

Each PEIR mitigation measure applicable to the Proposed Project is identified in the table below. The applicable PEIR Mitigation Measures are categorized by environmental topic and corresponding number, with identification of:

- Implementation Phase for each measure
- Monitoring Phase for each measure
- Agency/person who is responsible for verifying that the necessary implementing action is taken
- Primary record documenting that the necessary implementing action has occurred listing the date of implementation and a column for the monitoring party to sign-off verifying the implementation

Those applicable PEIR Mitigation Measures that have been implemented with certification of this Addendum are identified as such (e.g., “[**Completed**]”) in the table.

Measure No.	Mitigation Measure	Implementation Phase	Monitoring Phase	Enforcement Agency	Verification of Completion	
					Initials	Date
Aesthetics						
AES-1	Aboveground structures shall be designed to be consistent with local zoning codes and applicable design guidelines and to minimize features that contrast with neighboring development.	Final Plans and Specifications	Final Plans and Specifications; Operation	County of Los Angeles Department of Public Works		
AES-2	Implementing agencies shall develop BMP maintenance plans that are approved concurrently with each structural BMP approval. The maintenance plans must include measures to ensure functionality of the structural BMPs for the life of the BMP. These plans may include general maintenance guidelines that apply to a number of smaller distributed BMPs.	Final Plans and Specifications	Final Plans and Specifications; Operation	County of Los Angeles Department of Public Works		
Air Quality						
AIR-1	Implementing agencies shall require for large Regional or Centralized BMPs the use of low-emission equipment meeting Tier II emissions standards at a minimum and Tier III and IV emissions standards where available as CARB-required emissions technologies become readily available to contractors in the region.	Final Plans and Specifications	Final Plans and Specifications; Operation	County of Los Angeles Department of Public Works		
AIR-2	For large construction efforts that may result in significant air emissions, implementing agencies shall encourage contractors to use lower-emission equipment through the bidding process where appropriate.	Final Plans and Specifications	Final Plans and Specifications; During Construction	County of Los Angeles Department of Public Works		
AIR-3	For large construction efforts associated with Regional or Centralized BMPs, implementing agencies shall conduct a project-specific LST analysis where necessary to determine local health impacts to neighboring land uses. Where it is determined that construction emissions would exceed the applicable LSTs or the most stringent applicable federal or state ambient air quality standards, the structural BMP project shall reduce its daily construction intensity (e.g., reducing the amount of equipment used daily, reducing the amount of soil	Final Plans and Specifications	During Construction	County of Los Angeles Department of Public Works		Addendum Certification Date

Measure No.	Mitigation Measure	Implementation Phase	Monitoring Phase	Enforcement Agency	Verification of Completion	
					Initials	Date
	graded/excavated daily) to a level where the structural BMP project's construction emissions would no longer exceed SCAQMD's LSTs or result in pollutant emissions that would cause or contribute to an exceedance of the most stringent applicable federal or state ambient air quality standards. [Completed]					
AIR-4	During planning of structural BMPs, implementing agencies shall assess the potential for nuisance odors to affect a substantial number of people. BMPs that minimize odors shall be considered the priority when in close proximity to sensitive receptors. [Completed]	Prior to Final Plans and Specifications	Final Plans and Specifications	County of Los Angeles Department of Public Works		Addendum Certification Date
Biological Resources						
BIO-1	Prior to approving a Regional or Centralized BMP, the Permittee shall conduct an evaluation of the suitability of the BMP location. Appropriate BMP sites should avoid impacting large areas of native habitats including upland woodlands and riparian forests that support sensitive species to the extent feasible. The evaluation shall include an assessment of potential downstream impacts resulting from flow diversions. [Completed]	Prior to Final Plans and Specifications	Final Plans and Specifications	County of Los Angeles Department of Public Works		Addendum Certification Date
BIO-5	If construction and vegetation removal is proposed between February 1 and August 31, a qualified biologist shall conduct a pre-construction survey for breeding and nesting birds and raptors within 500-feet of the construction limits to determine and map the location and extent of breeding birds that could be affected by the project. Active nest sites located during the pre-construction surveys shall be avoided until the adults and young are no longer reliant on the nest site for survival as determined by a qualified biologist.	Pre-Construction	During Construction	County of Los Angeles Department of Public Works		
Cultural Resources						
CUL-2	Implementing agencies shall ensure that individual EWMP projects that require ground disturbance shall be subject to a Phase I cultural resources inventory on a project-specific basis prior to the implementing	Final Plans and Specifications	During Construction	County of Los Angeles		Addendum Certification Date

Measure No.	Mitigation Measure	Implementation Phase	Monitoring Phase	Enforcement Agency	Verification of Completion	
					Initials	Date
	<p>agency's approval of project plans. The study shall be conducted or supervised by a qualified archaeologist, defined as an archaeologist meeting the Secretary of the Interior's Professional Qualifications Standards for Archaeology, and shall be conducted in consultation with the local Native American representatives expressing interest. The cultural resources inventory shall include a cultural resources records search to be conducted at the South Central Coastal Information Center; scoping with the NAHC and with interested Native Americans identified by the NAHC; a pedestrian archaeological survey where deemed appropriate by the qualified archaeologist; and formal recordation of all identified archaeological resources on California Department of Parks and Recreation 523 forms and significance evaluation of such resources presented in a technical report following the guidelines in Archaeological Resource Management Reports (ARMR): Recommended Contents and Format, Department of Parks and Recreation, Office of Historic Preservation, State of California, 1990.</p> <p>If potentially significant archaeological resources are encountered during the survey, the implementing agency shall require that the resources are evaluated by the qualified archaeologist for their eligibility for listing in the CRHR and for significance as a historical resource or unique archaeological resource per CEQA Guidelines Section 15064.5. Recommendations shall be made for treatment of these resources if found to be significant, in consultation with the implementing agency and the appropriate Native American groups for prehistoric resources. Per CEQA Guidelines Section 15126.4(b)(3), preservation in place shall be the preferred manner of mitigation to avoid impacts to archaeological resources qualifying as historical resources. Methods of avoidance may include, but shall not be limited to, project re-route or re-design, project cancellation, or identification of protection measures such as capping or fencing. Consistent with CEQA Guidelines Section 15126.4(b)(3)(C), if it is demonstrated that resources cannot be avoided, the qualified archaeologist shall develop additional treatment measures, which may include data recovery or other appropriate measures, in consultation</p>			Department of Public Works		

Measure No.	Mitigation Measure	Implementation Phase	Monitoring Phase	Enforcement Agency	Verification of Completion	
					Initials	Date
	with the implementing agency, and any local Native American representatives expressing interest in prehistoric or tribal resources. If an archaeological site does not qualify as an historical resource but meets the criteria for a unique archaeological resource as defined in Section 21083.2, then the site shall be treated in accordance with the provisions of Section 21083.2. [Completed]					
CUL-3	The implementing agency shall retain archaeological monitors during ground-disturbing activities that have the potential to impact archaeological resources qualifying as historical resources or unique archaeological resources, as determined by a qualified archaeologist in consultation with the implementing agency, and any local Native American representatives expressing interest in the project. Native American monitors shall be retained for projects that have a high potential to impact sensitive Native American resources, as determined by the implementing agency in coordination with the qualified archaeologist. <i>[Native American monitor(s) for ground-disturbing activities that have the potential to impact Cultural Tribal Resources is the only portion of this mitigation measure applicable to the East Los Angeles Sustainable Median Stormwater Capture Project.]</i>	During Ground-Disturbing Activities	During Ground-Disturbing Activities	County of Los Angeles Department of Public Works		
CUL-4	During project-level construction, should subsurface archaeological resources be discovered, all activity in the vicinity of the find shall stop and a qualified archaeologist shall be contacted to assess the significance of the find according to CEQA Guidelines Section 15064.5. If any find is determined to be significant, the archaeologist shall determine, in consultation with the implementing agency and any local Native American groups expressing interest, appropriate avoidance measures or other appropriate mitigation. Per CEQA Guidelines Section 15126.4(b)(3), preservation in place shall be the preferred means to avoid impacts to archaeological resources qualifying as historical resources. Methods of avoidance may include, but shall not be limited to, project re-route or re-design, project cancellation, or	During Construction	During Construction	County of Los Angeles Department of Public Works		

Measure No.	Mitigation Measure	Implementation Phase	Monitoring Phase	Enforcement Agency	Verification of Completion	
					Initials	Date
	identification of protection measures such as capping or fencing. Consistent with CEQA Guidelines Section 15126.4(b)(3)(C), if it is demonstrated that resources cannot be avoided, the qualified archaeologist shall develop additional treatment measures, such as data recovery or other appropriate measures, in consultation with the implementing agency and any local Native American representatives expressing interest in prehistoric or tribal resources. If an archaeological site does not qualify as an historical resource but meets the criteria for a unique archaeological resource as defined in Section 21083.2, then the site shall be treated in accordance with the provisions of Section 21083.2					
CUL-5	For individual structural BMP projects that require ground disturbance, the implementing agency shall evaluate the sensitivity of the project site for paleontological resources. If deemed necessary, the implementing agency shall retain a qualified paleontologist to evaluate the project and provide recommendations regarding additional work, potentially including testing or construction monitoring. <i>[The sensitivity of the project site for paleontological resources was evaluated in the Paleontological Resources Assessment Report with Paleontological Mitigation Plan for The East Los Angeles County Sustainable Median Stormwater Capture Project, Los Angeles County, California prepared by Cogstone in January 2018. The recommendations identified therein shall be implemented in compliance with Mitigation Measure CUL-5.]</i>	Final Plans and Specifications	Final Plans and Specifications; During Construction	County of Los Angeles Department of Public Works		
CUL-6	In the event that paleontological resources are discovered during construction, the implementing agency shall notify a qualified paleontologist. The paleontologist will evaluate the potential resource, assess the significance of the find, and recommend further actions to protect the resource.	During Construction	During Construction	County of Los Angeles Department of Public Works		
CUL-7	The implementing agency shall require that, if human remains are uncovered during project construction, work in the vicinity of the find	During Construction	During Construction	County of Los Angeles		

Measure No.	Mitigation Measure	Implementation Phase	Monitoring Phase	Enforcement Agency	Verification of Completion	
					Initials	Date
	shall cease and the County Coroner shall be contacted to evaluate the remains, following the procedures and protocols set forth in Section 15064.5 (e)(1) of the CEQA Guidelines. If the County Coroner determines that the remains are Native American, the Coroner will contact the Native American Heritage Commission, in accordance with Health and Safety Code Section 7050.5, subdivision (c), and Public Resources Code 5097.98 (as amended by AB 2641). The NAHC will then designate a Most Likely Descendant of the deceased Native American, who will engage in consultation to determine the disposition of the remains.			Department of Public Works		
Geological and Mineral Resources						
GEO-1	Prior to approval of infiltration BMPs, implementing agencies shall conduct a geotechnical investigation of each infiltration BMP site to evaluate infiltration suitability. If infiltration rates are sufficient to accommodate an infiltration BMP, the geotechnical investigation shall recommend design measures necessary to prevent excessive lateral spreading that could destabilize neighboring structures. Implementing agencies shall implement these measures in project designs. [Completed]	Final Plans and Specifications	Final Plans and Specifications	County of Los Angeles Department of Public Works		Addendum Certification Date
GEO-2	Prior to installing BMPs designed to recharge local groundwater supplies, the Implementing Agency shall notify local groundwater managers including the Upper Los Angeles River Area Water Master, the Water Replenishment District of Southern California, or the San Gabriel Water Master as well as local water producers such as local municipalities and water companies. The Implementing Agency shall coordinate BMP siting efforts with groundwater managers and producers to mitigate high groundwater levels while increasing local water supplies.	Final Plans and Specifications; prior to BMP installation	Final Plans and Specifications; prior to BMP installation	County of Los Angeles Department of Public Works		
Hazards and Hazardous Materials						

Measure No.	Mitigation Measure	Implementation Phase	Monitoring Phase	Enforcement Agency	Verification of Completion	
					Initials	Date
HAZ-1	<p>Implementing agencies shall prepare and implement maintenance practices that include periodic removal and replacement of surface soils and media that may accumulate constituents that could result in further migration of constituents to sub-soils and groundwater. A BMP Maintenance Plan shall be prepared by Implementing Agencies upon approval of the individual BMP projects that identifies the frequency and procedures for removal and/or replacement of accumulated debris, surface soils and/or media (to depth where constituent concentrations do not represent a hazardous conditions and/or have the potential to migrate further and impact groundwater) to avoid accumulation of hazardous concentrations and the potential to migrate further to sub-soils and groundwater. The Maintenance Plan shall include vector control requirements.</p> <p>The BMP Maintenance Plan may consist of a general maintenance guideline that applies to several types of smaller distributed BMPs. For smaller distributed BMPs on private property, these plans may consist of a maintenance covenant that includes requirements to avoid the accumulation of hazardous concentrations in these BMPs that may impact underlying sub-soils and groundwater. Structural BMPs shall be designed to prevent migration of constituents that may impact groundwater.</p>	Final Plans and Specifications	Final Plans and Specifications; Operation	County of Los Angeles Department of Public Works		
Hydrology and Water Quality						
HYDRO-1	<p>Prior to approving an infiltration BMP, the Permittee shall conduct an evaluation of the suitability of the BMP location. Appropriate infiltration BMP sites should avoid areas with low permeability where recharge could adversely affect neighboring subsurface infrastructure.</p> <p>[Completed]</p>	Final Plans and Specifications	Final Plans and Specifications	County of Los Angeles Department of Public Works		Addendum Certification Date
HYDRO-2	<p>Prior to approving an infiltration BMP, the Permittee shall identify pretreatment technologies, type, and depth of filtration media; depth to groundwater; and other design considerations necessary to prevent contaminants from impacting groundwater quality. The design shall</p>	Final Plans and Specifications	Final Plans and Specifications	County of Los Angeles Department of Public Works		Addendum Certification Date

Measure No.	Mitigation Measure	Implementation Phase	Monitoring Phase	Enforcement Agency	Verification of Completion	
					Initials	Date
	consider stormwater quality data within the BMP's collection area to assess the need and type of treatment and filtration controls. Local design manuals and ordinances requiring minimum separation distance to groundwater shall also be met as part of the design. [Completed]					
HYDRO-3	Prior to the installation of an infiltration BMP, the Permittee shall conduct a regulatory database review for contaminated groundwater sites within a quarter mile of the proposed infiltration facility. The review shall include locations of on-site wastewater treatment systems that could be affected by the BMP. The Permittee shall identify whether any contaminated groundwater plumes or leach fields are present within close proximity to the BMP location that could be affected by infiltrated water and whether coordination with the local and state environmental protection overseeing agency and responsible party is warranted prior to final design of infiltration facility. [Completed]	Final Plans and Specifications	Final Plans and Specifications	County of Los Angeles Department of Public Works		Addendum Certification Date
Noise						
NOISE-1	The implementing agencies shall implement the following measures during construction as needed: <ul style="list-style-type: none"> • Include design measures necessary to reduce the construction noise levels where feasible. These measures may include noise barriers, curtains, or shields. • Place noise-generating construction activities (e.g., operation of compressors and generators, cement mixing, general truck idling) as far as possible from the nearest noise-sensitive land uses. • Locate stationary construction noise sources as far from adjacent noise sensitive receptors as possible. • If construction is to occur near a school, the construction contractor shall coordinate the with school administration in order to limit disturbance to the campus. Efforts to limit construction activities to non-school days shall be encouraged. 	During Construction	During Construction	County of Los Angeles Department of Public Works		

Measure No.	Mitigation Measure	Implementation Phase	Monitoring Phase	Enforcement Agency	Verification of Completion	
					Initials	Date
	<ul style="list-style-type: none"> For the centralized and regional BMP projects located adjacent to noise sensitive land uses, identify a liaison for these off-site sensitive receptors, such as residents and property owners, to contact with concerns regarding construction noise and vibration. The liaison's telephone number(s) shall be prominently displayed at construction locations. For the centralized and regional BMP projects located adjacent to noise sensitive land uses, notify in writing all landowners and occupants of properties adjacent to the construction area of the anticipated construction schedule at least 2 weeks prior to groundbreaking. 					
Public Services and Recreation						
PS-1	The Permittee implementing the EWMP project shall provide reasonable advance notification to the service providers such as fire, police, local businesses, home owners and residents of adjacent to and within areas potentially affected by the proposed EWMP project about the nature, extent and duration of construction activities. Interim updates should be provided to inform them of the status of the construction activities.	Pre-Construction; During Construction	Pre-Construction; During Construction	County of Los Angeles Department of Public Works		
Transportation and Circulation						
TRAF-1	<p>For projects that may affect traffic, implementing agencies shall require that contractors prepare a construction traffic control plan. Elements of the plan should include, but are not necessarily limited to, the following:</p> <ul style="list-style-type: none"> Develop circulation and detour plans to minimize impacts to local street circulation. Use haul routes minimizing truck traffic on local roadways to the extent possible. To the extent feasible, and as needed to avoid adverse impacts on traffic flow, schedule truck trips outside of peak morning and evening commute hours. 	Final Plans and Specifications; During Construction	Final Plans and Specifications; During Construction	County of Los Angeles Department of Public Works		

Measure No.	Mitigation Measure	Implementation Phase	Monitoring Phase	Enforcement Agency	Verification of Completion	
					Initials	Date
	<ul style="list-style-type: none"> • Install traffic control devices as specified in Caltrans' Manual of Traffic Controls for Construction and Maintenance Work Zones where needed to maintain safe driving conditions. Use flaggers and/or signage to safely direct traffic through construction work zones. • Coordinate with facility owners or administrators of sensitive land uses such as police and fire stations, hospitals, and schools. Provide advance notification to the facility owner or operator. 					
Utilities and Service Systems						
UTL-1	Prior to implementation of BMPs, the implementing agency shall conduct a search for local utilities above and below ground that could be affected by the project. The implementing agencies shall contact each utility potentially affected to address relocation of the utility if necessary to ensure access and services are maintained.	Final Plans and Specifications	Final Plans and Specifications; During Construction	County of Los Angeles Department of Public Works		
UTL-2	Prior to approval of BMPs, implementing agencies shall evaluate the potential for impacts to downstream beneficial uses including surface water rights. Implementing agencies shall not approve BMPs that result in preventing access to previously appropriated surface water downstream. [Completed]	Final Plans and Specifications	Final Plans and Specifications	County of Los Angeles Department of Public Works		Addendum Certification Date
UTL-3	Implementing agencies shall encourage construction contractors to recycle construction materials and divert inert solids (asphalt, brick, concrete, dirt, fines, rock, sand, soil, and stone) from disposal in a landfill where feasible. Implementing agencies shall incentivize construction contractors with waste minimization goals in bid specifications where feasible.	Final Plans and Specifications; During Construction	During Construction	County of Los Angeles Department of Public Works		

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