

4 Mitigation Monitoring and Reporting Program

California Public Resources Code Section 21081.6 requires that, upon certification of an EIR, “the public agency shall adopt a reporting or monitoring program for the changes made to the project or conditions of project approval, adopted in order to mitigate or avoid significant effects on the environment. The reporting or monitoring program shall be designed to ensure compliance during project implementation.”

This chapter contains the mitigation monitoring and reporting program (MMRP) that has been developed for the Pacific Coast Commons Specific Plan Project (Specific Plan or Project). This MMRP has been developed in compliance with Public Resources Code Section 21081.6 and Section 15097 of the CEQA Guidelines. The mitigation measures in the table are coded by alphanumeric identification consistent with the EIR. The following items are identified for each mitigation measure:

- **Mitigation Monitoring.** This section of the MMRP lists the stage of the proposed project during which the mitigation measure would be implemented and the stage during which proper implementation would be monitored and verified. It also lists the agency that is responsible for ensuring that the mitigation measure is implemented and that it is implemented properly.
- **Verification of Compliance.** This section of the MMRP provides a location for the implementing party and/or enforcing agency to make notes and to record their initials and the compliance date for each mitigation measure.

The City of El Segundo (City) must adopt this MMRP, or an equally effective program, if it approves the proposed project with the mitigation measures that were adopted or made conditions of project approval.

Table 4-1. Mitigation Monitoring and Reporting Program

Mitigation Measure	Mitigation Monitoring			Verification of Compliance		
	Implementation Timing	Party Responsible for Implementation	Agency Responsible for Monitoring Implementation	Initial	Date	Comments
Air Quality						
<p>MM-AQ-1. To reduce the potential for criteria air pollutants, specifically particulate matter (PM), as a result of construction of the Project, the Construction Contractor’s contract specifications shall require compliance with the following:</p> <p>Prior to the start of construction activities, the Construction Contractor shall ensure that all 75 horsepower or greater diesel-powered equipment are powered with California Air Resources Board (CARB)-certified Tier 4 Interim engines. An exemption from this requirement may be granted if equipment with Tier 4 Interim engines are not reasonably available and the required corresponding reductions in criteria air pollutant emissions can be achieved from other combinations of construction equipment, such as using equipment with Tier 4 Final engines. Before an exemption may be granted, the City’s Construction Contractor shall: (1) demonstrate that at least two construction fleet owners/operators in Los Angeles County were contacted and that those owners/operators confirmed Tier 4 Interim equipment could not be located within Los Angeles County during the desired construction schedule; and (2) the proposed replacement equipment has been evaluated using CalEEMod and documentation provided to the City to confirm that Project-generated emissions do not exceed applicable localized significance thresholds (LST) for nitrogen dioxide (NO₂), carbon monoxide (CO), particulate matter with an aerodynamic diameter less than or equal to 10 microns (PM₁₀), and particulate matter with an aerodynamic diameter less than or equal to 2.5 microns (PM_{2.5}), and the</p>	Prior to commencement of construction activities	Construction Contractor shall ensure that CARB-certified Tier 4 Interim engines are being utilized	City of El Segundo Development Services Department			

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SCAQMD carcinogenic (cancer) risk threshold. If these requirements cannot be met, construction activities at the Project site shall be postponed until CARB-certified Tier 4 Interim engines are available for use.						
Cultural Resources						
MM-CUL-1. Prior to commencement of construction activities for all phases of Project implementation, the Project applicant shall retain a qualified archaeologist, meeting the Secretary of the Interior’s Professional Qualification Standards for Archaeology, to prepare a Worker Environmental Awareness Program (WEAP). The WEAP shall be submitted to the City of El Segundo for review and approval. All construction personnel and monitors shall be presented the WEAP training prior to the start of construction activities. The WEAP shall be prepared to inform all personnel working on the proposed Project about the archaeological sensitivity of the area, to provide specific details on the kinds of archaeological materials that may be identified during construction, to explain the importance of and legal basis for the protection of significant archaeological resources, and to outline the actions to be taken in the event of a discovery of cultural resources. The WEAP shall define “tribal cultural resources” and include appropriate management requirements relating to inadvertent discovery of a potential tribal cultural resource. Each worker shall also learn the proper procedures to follow in the event that cultural resources or human remains are uncovered during ground-disturbing activities. These procedures include work curtailment or redirection, and the	Prior to commencement of construction activities for all phases of Project implementation; Upon discovery of any archaeological resources	Project applicant; Project archaeologist for meeting attendance and preparation of a mitigation plan	City of El Segundo Development Services Department			

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immediate contact of the site supervisor and archaeological monitor.						
MM-CUL-2. If potential archaeological resources (i.e., sites, features, or artifacts) are exposed during construction activities for the proposed Project, the City shall be notified and all construction work occurring within 100 feet of the find shall immediately stop until a qualified archaeologist, meeting the Secretary of the Interior’s Professional Qualification Standards for Archaeology, can evaluate the significance of the find and determine whether or not additional study is warranted. The archaeologist shall be empowered to temporarily stop or redirect grading activities to allow removal of abundant or large artifacts. Depending upon the significance of the find under the California Environmental Quality Act (CEQA) (14 CCR 15064.5[f]; PRC, Section 21082), the archaeologist may simply record the find and allow work to continue. If the discovery proves significant under CEQA, additional work, such as preparation of an archaeological treatment plan and data recovery, may be warranted. The archaeologist shall also be required to curate any discovered specimens in a repository with permanent retrievable storage and submit a written report to the City of El Segundo for review and approval prior to occupancy of the first building on the site. Once approved, the final report shall be filed with the South-Central Coastal Information Center (SCCIC).	During construction activities; Upon discovery of any archaeological resources	City of El Segundo Development Services Department; Project archaeologist	City of El Segundo Development Services Department			
Geology and Soils						
MM-GEO-1. Prior to commencement of any grading activity on-site, the Project applicant/Developer shall retain a qualified paleontologist per the Society of Vertebrate	Prior to grading activities	Project applicant; Project	City of El Segundo Development Services			

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Paleontology (SVP) (2010) guidelines. The paleontologist shall prepare a Paleontological Resources Impact Mitigation Program (PRIMP) for the Project for review and approval by the City. The PRIMP shall be consistent with the SVP (2010) guidelines and shall outline requirements for preconstruction meeting attendance and worker environmental awareness training, where monitoring is required within the Project site below a depth of 5 feet below the existing ground surface or depth of documented artificial fill (based on construction plans and/or geotechnical reports), procedures for adequate paleontological monitoring and discoveries treatment, and paleontological methods (including sediment sampling for microvertebrate fossils), reporting, and collections management. At a minimum, the PRIMP shall require that a qualified paleontologist attend the preconstruction meeting and a qualified paleontological monitor be on-site during all rough grading and other significant ground-disturbing activities (including augering) in previously undisturbed, Pleistocene Sand Dune deposits. In the event that paleontological resources (e.g., fossils) are unearthed during grading, the PRIMP shall require that a paleontological monitor temporarily halt and/or divert grading activity to allow recovery of paleontological resources.		paleontologist	Department			
Hazards and Hazardous Materials						
MM-HAZ-1. The Project applicant/Developer shall ensure that the demolition contractor’s contract specifications incorporate abatement procedures for the removal of materials containing asbestos, lead, polychlorinated biphenyls, hazardous material, hazardous wastes, and	During demolition activities	Project applicant; Demolition contractor	City of El Segundo Development Services Department			

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universal waste items. Confirmation of adequate removal of such materials shall be provided to the City prior to the issuance of a building permit for PCC-Fairfield Parking. All abatement work shall be done in accordance with federal, state, and local regulations, including those of the U.S. Environmental Protection Agency (which regulates disposal), Occupational Safety and Health Administration, U.S. Department of Housing and Urban Development, California Occupational Safety and Health Administration (which regulates employee exposure), and the South Coast Air Quality Management District.						
MM-HAZ-2. Prior to commencement of any earthwork or construction activities at PCC-North, a Hazardous Materials Contingency Plan (HMCP) shall be developed that addresses potential impacts in soil and soil vapor associated with the 76 Station adjacent to PCC-North. The HMCP shall include training procedures for identification of contamination, and shall describe procedures for assessment, characterization, management, and disposal of hazardous constituents, materials, and wastes, and notification in accordance with all applicable state and local regulations. Contaminated soils shall be managed and disposed of in accordance with local and state regulations. The HMCP shall include health and safety measures, which may include but are not limited to periodic work breathing zone monitoring and monitoring for volatile organic compounds using a handheld organic vapor analyzer in the event impacted soils are encountered during excavation activities. The applicant or its designee shall implement the HMCP during construction activities for the proposed Project.	Prior to commencement of any earthwork or construction activities at PCC-North	Project applicant or its designee	City of El Segundo Development Services Department			

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Noise						
<p>MM-NOI-1. Prior to issuance of a demolition or grading permit, whichever occurs first, the Project Applicant/Developer or its approved construction contractor shall develop and submit to the City of El Segundo a Construction Noise Mitigation Plan (CNMP) for review and approval. The CNMP shall include, at a minimum, the following noise reduction means and related measures:</p> <p>a) To protect the existing occupied residences on the west side of Indiana Street (and west of the PCC North (Phase 2) portion of the Project, between E. Mariposa Avenue and E. Palm Avenue) from excessive Project construction-related noise attributed to demolition, site preparation, grading, building construction, and paving activities during PCC-Fairfield Parking (Phase 1) and PCC-South (Phase 3), and those same five activities plus architectural coating activities during Phase 2, temporary noise barriers of sufficient height and extent along the Project’s western site boundary shall be installed and shall be confirmed to achieve (depending on construction phase activity and involved equipment) at least 5 dBA and as much as 20 dBA of barrier noise insertion loss. The temporary barrier elements should resemble an outdoor-use vinyl-covered acoustical blanket comprising one or more materials that demonstrate a sound</p>	<p>Prior to issuance of a demolition or grading permit; During site preparation, grading, building construction, architectural coating, and/or paving activities associated with Phases 1, 2, and 3; Two (2) weeks prior to any construction phase commencement</p>	<p>Project applicant or approved Construction Contractor; Project acoustical consultant or noise control engineer; Project concrete saw operator and/or Construction Contractor</p>	<p>City of El Segundo Development Services Department</p>			

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<p>transmission class (STC) of 30 or better. The Project Applicant/Developer shall retain the services of a qualified acoustical consultant or noise control engineer to advise on or review the design, installation, and expected performance of such temporary barriers when used during Project construction. Anticipated locations, horizontal extents, heights, and durations of installation of the temporary sound barriers over the course of Project phased buildout shall be part of the CNMP submitted to the City for review.</p> <p>b) Operation of a concrete saw during the demolition phase shall include some form of proximate and portable solid-walled partial enclosure, acoustical-blanket tent, or comparably-performing shroud that can reliably deliver 10 dBA of noise reduction—separate from the temporary barrier insertion loss need described in MM-NOI-1(a) above. Alternately, slotted low-noise saw blades may be used to yield some or all of this noise reduction, so that operation of the concrete saw at a distance of 50 feet does not exceed 80 dBA. If this limit cannot be wholly achieved due to saw operation noise control or localized sound abatement (i.e., partial enclosure), then the balance of needed attenuation shall be provided by either the temporary noise barrier per MM-NOI-1(a) or by limiting duration of saw operation within an hour: each halving of duration should yield a 3 dB</p>						

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<p>reduction to the hourly noise level produced by the saw.</p> <p>c) Residents within 200 feet of the Project shall be informed at least two (2) weeks in advance when construction phase activities will occur. An information telephone hotline and/or website shall be established and managed to receive resident complaints, and the Applicant and its contractors shall respond to received complaints and document their investigations and any complaint resolutions in regular reports to the City Building Safety division.</p>						
Transportation						
<p>MM-TRA-1. Prior to the issuance of demolition or grading permits, the Project Applicant/Developer shall develop and implement a City-approved Construction Traffic Control Plan. The Plan shall be prepared in accordance with applicable City and Manual on Uniform Traffic Control Devices guidelines and shall address the potential for construction-related vehicular traffic, as well as pedestrian and bicycle circulation disruption in the public right-of-way. The Plan shall describe safe detours and shall include protocols for implementing the following, if determined necessary and feasible: temporary traffic controls (e.g., a flag person) during construction to maintain smooth traffic flow; dedicated turn lanes for movement of construction trucks and equipment on and off site; scheduling of construction activities that affect traffic flow on the arterial system to off-peak hours; consolidation of truck deliveries; and/or</p>	<p>Prior to the issuance of demolition or grading permits</p>	<p>Project Applicant</p>	<p>City of El Segundo Development Services Department</p>			

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rerouting of construction trucks away from congested streets or sensitive receptors						
Tribal Cultural Resources						
MM-TCR-1. Should a potential tribal cultural resource (TCR) (as defined by PRC Section 21074) be inadvertently encountered during construction activities, consistent with the process required by MM-CUL-2, all construction work occurring within 100 feet of the find shall immediately stop and the City shall be notified of the discovery. The City shall notify Native American tribes that have been identified by the Native American Heritage Commission to be traditionally and culturally affiliated with the geographic area of the Project. Any affected tribe shall be provided a reasonable period of time to conduct a site visit and make recommendations regarding future ground disturbance activities as well as the treatment and disposition of any discovered TCRs. Depending on the nature of the potential resource and Tribal recommendations, review by a qualified archaeologist may be required. Implementation of proposed recommendations shall be made based on the determination of the City that the approach is reasonable and feasible.	In the event that a tribal cultural resource is encountered during any and all construction activities associated with any and all Project Phases	Construction Contractor; Native American Heritage Commission (NAHC) identified Native American tribes; Project archeologist	City of El Segundo Development Services Department; NAHC			

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