

MITIGATION MONITORING AND REPORTING PROGRAM

MITIGATION MONITORING REQUIREMENTS

Public Resources Code (PRC) Section 21081.6 (enacted by the passage of Assembly Bill 3180) mandates that where significant effects have been identified, the following requirements shall apply to all reporting or mitigation monitoring programs:

- The public agency shall adopt a reporting or monitoring program for the changes made to the project or conditions of project approval 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. For those changes that have been required or incorporated into the project at the request of a responsible agency or a public agency having jurisdiction by law over natural resources affected by the project, that agency shall, if so requested by the lead agency or a responsible agency, prepare and submit a proposed reporting or monitoring program.
- The lead agency shall specify the location and custodian of the documents or other materials that constitute the record of proceedings upon which its decision is based.
- A public agency shall provide measures to mitigate or avoid significant effects on the environment that are fully enforceable through permit conditions, agreements, or other measures. Conditions of project approval may be set forth in referenced documents that address required mitigation measures or, in the case of the adoption of a plan, policy, regulation, or other project, by incorporating the mitigation measures into the plan, policy, regulation, or project design.
- Prior to the close of the public review period for a Draft Initial Study/Mitigated Negative Declaration (IS/MND), a responsible agency, or a public agency having jurisdiction over natural resources affected by the project, shall either (1) submit to the lead agency complete and detailed performance objectives for mitigation measures that would address the significant effects on the environment identified by the responsible agency or agency having jurisdiction over natural resources affected by the project, or (2) refer the lead agency to appropriate, readily available guidelines or reference documents. Any mitigation measures submitted to a lead agency by a responsible agency or an agency having jurisdiction over natural resources affected by the project shall be limited to measures that mitigate impacts to resources that are subject to the statutory authority of, and definitions applicable to, that agency. Compliance or noncompliance with that requirement by a responsible agency or agency having jurisdiction over natural resources affected by a project shall not limit the authority of the responsible agency or agency having jurisdiction over natural resources affected by a project, or the authority of the lead agency, to approve, condition, or deny projects as provided by this division or any other provision of law.

MITIGATION MONITORING PROCEDURES

The mitigation monitoring and reporting program has been prepared in compliance with PRC Section 21081.6. It describes the requirements and procedures to be followed by the City of Long Beach (City) to ensure that all mitigation measures adopted as part of the 4501 Orange Avenue Residential Project (proposed project) will be carried out as described in the Final IS/MND.

Table 1.A lists each of the mitigation measures specified in the Draft IS/MND and identifies the party or parties responsible for implementation and monitoring of each measure.

COMPLIANCE MEASURE MONITORING PROCEDURES

Table 1.B lists all compliance measures associated with the proposed project as specified in the Draft IS/MND. Table 1.B describes the requirements and procedures to be followed by the City to ensure that all compliance measures adopted as part of the proposed project will be carried out as described in the Final IS/MND.

Table 1.A: Mitigation Monitoring and Reporting Program

Draft IS/MND Mitigation Measures	Responsible Party/ Approving Agency	Timing for Mitigation Measure
4.1: Aesthetics		
The proposed project would not result in any significant adverse impacts related to aesthetics. No mitigation is required.		
4.2: Agriculture and Forestry Resources		
The proposed project would not result in any significant adverse impacts related to agriculture and forestry resources. No mitigation is required.		
4.3: Air Quality		
The proposed project would not result in any significant adverse impacts related to air quality. No mitigation is required.		
4.4: Biological Resources		
The proposed project would not result in any significant adverse impacts related to biological resources. No mitigation is required.		
4.5: Cultural Resources		
The proposed project would not result in any significant adverse impacts related to cultural resources. No mitigation is required.		
4.6: Energy		
The proposed project would not result in any significant adverse impacts related to energy. No mitigation is required.		
4.7: Geology and Soils		
MM GEO-1 Preparation of and Compliance with the Recommendations in the Final Geotechnical Report. Prior to issuance of demolition or grading permits, the project applicant shall submit a Final Geotechnical Investigation prepared for the project site to the City of Long Beach (City) Director of Development Services, or designee, for review and approval. All grading operations and construction shall be conducted in conformance with the recommendations included in the Final Geotechnical Report. Grading plan review shall be conducted by the Director of Development Services, or designee, prior to the start of grading to verify that requirements specified in the Final Geotechnical Report have been appropriately incorporated into final project design. Design, grading, and construction shall be performed in accordance with the requirements of the City of Long Beach Code and the California Building Code (CBC) applicable at the time of grading, appropriate local grading regulations, and the recommendations of the geotechnical consultant as summarized in the Final Geotechnical Investigation for the project.	Project Applicant/ Director of the City of Long Beach Department of Development Services, or designee	Prior to issuance of demolition or grading permits
MM GEO-2 Paleontological Resources Impact Mitigation Program (PRIMP). Prior to issuance of grading or construction permits, a qualified, professional paleontologist who meets the standards set by the Society of Vertebrate Paleontology (SVP) shall be retained to develop a Paleontological Resources Impact Mitigation Program (PRIMP) for this project. The PRIMP shall be consistent with the guidelines of the SVP and shall include the methods that will be used to protect paleontological resources that may exist within the project limits, as well as procedures for monitoring, fossil preparation and identification, curation into a repository, and preparation of a report at the conclusion of ground disturbance.	Qualified, professional paleontologist who meets the standards set by the Society of Vertebrate Paleontology (SVP)	Prior to issuance of grading or construction permits
MM GEO-3 Paleontological Monitoring. Prior to issuance of grading or construction permits, the City of	Director of the City of	Prior to issuance of

Table 1.A: Mitigation Monitoring and Reporting Program

Draft IS/MND Mitigation Measures	Responsible Party/ Approving Agency	Timing for Mitigation Measure
<p>Long Beach Director of Development Services, or designee, shall confirm that construction plans indicate that excavation and grading activities in deposits with high paleontological sensitivity (i.e., the Old Shallow Marine Deposits on Wave-cut Surface) shall be monitored by a qualified paleontological monitor following a project-specific PRIMP. No monitoring is required for excavations in deposits with no paleontological sensitivity (i.e., Artificial Fill). If paleontological resources are encountered during the course of ground disturbance, the paleontological monitor shall have the authority to temporarily redirect construction away from the area of the find. In the event that paleontological resources are encountered when a paleontological monitor is not present, work in the immediate area of the find shall be redirected, and the paleontologist or paleontological monitor shall be contacted to assess the find for scientific significance. If determined to be scientifically significant, the fossil shall be collected from the field.</p>	<p>Long Beach Department of Development Services, or designee</p>	<p>grading or construction permits</p>
<p>MM GEO-4 Paleontological Documentation. Collected resources shall be prepared to the point of identification, identified to the lowest taxonomic level possible, cataloged, and curated into the permanent collections of a museum repository. At the conclusion of the monitoring program, and prior to issuance of certificates of occupancy, a report of findings shall be prepared and submitted to the City of Long Beach Director of Development Services, or designee, to document the results of the monitoring program.</p>	<p>Director of the City of Long Beach Department of Development Services, or designee</p>	<p>Prior to issuance of certificates of occupancy</p>
<p>4.8: Greenhouse Gas Emissions</p>		
<p>The proposed project would not result in any significant adverse impacts related to greenhouse gas emissions. No mitigation is required.</p>		
<p>4.9: Hazards and Hazardous Materials</p>		
<p>MM HAZ-1 Vapor Intrusion Barrier. Prior to issuance of construction permits, the project applicant shall submit final construction plans that include vapor intrusion measures including, but not limited to, liquid boot protection and a passive sub-slab ventilation for the proposed residential buildings. The vapor intrusion measures shall be reviewed by the City of Long Beach Director of the Development Services, or designee, prior to issuance of permits. If warranted, at the City's discretion, the current tetrachloroethylene (PCE) concentrations in the soil could be reviewed by a Health Risk Professional as part of a Human Health Risk Assessment.</p>	<p>Project Applicant/ Director of the City of Long Beach Department of Development Services, or designee</p>	<p>Prior to issuance of construction permits</p>
<p>4.10: Hydrology and Water Quality</p>		
<p>The proposed project would not result in any significant adverse impacts related to hydrology and water quality. No mitigation is required.</p>		
<p>4.11: Land Use and Planning</p>		
<p>The proposed project would not result in any significant adverse impacts related to land use and planning. No mitigation is required.</p>		
<p>4.12: Mineral Resources</p>		
<p>The proposed project would not result in any significant adverse impacts related to mineral resources. No mitigation is required.</p>		

Table 1.A: Mitigation Monitoring and Reporting Program

Draft IS/MND Mitigation Measures	Responsible Party/ Approving Agency	Timing for Mitigation Measure
4.13: Noise		
The proposed project would not result in any significant adverse impacts related to noise. No mitigation is required.		
4.14: Population and Housing		
The proposed project would not result in any significant adverse impacts related to population and housing. No mitigation is required.		
4.15: Public Services		
The proposed project would not result in any significant adverse impacts related to public services. No mitigation is required.		
4.16: Recreation		
The proposed project would not result in any significant adverse impacts related to recreation. No mitigation is required.		
4.17: Transportation		
The proposed project would not result in any significant adverse impacts related to transportation. No mitigation is required.		
4.18: Tribal Cultural Resources		
The proposed project would not result in any significant adverse impacts related to tribal cultural resources. No mitigation is required.		
4.19: Utilities and Service Systems		
The proposed project would not result in any significant adverse impacts related to utilities and service systems. No mitigation is required.		
4.20: Wildfire		
The proposed project would not result in any significant adverse impacts related to wildfire. No mitigation is required.		

Table 1.B: Compliance Measures

Compliance Measures		Responsible Party/ Approving Agency	Timing for Compliance Measure
4.1: Aesthetics			
There are no compliance measures related to aesthetics that would be applicable to the proposed project.			
4.2: Agriculture and Forestry			
There are no compliance measures related to agriculture and forestry that would be applicable to the proposed project.			
4.3: Air Quality			
There are no compliance measures related to air quality that would be applicable to the proposed project.			
4.4: Biological Resources			
CM BIO-1	Compliance with Migratory Bird Treaty Act (MBTA). Tree and vegetation removal shall be restricted to outside the active nesting season (January 1 through September 30). If construction is proposed between January 1 and September 30, a qualified biologist familiar with local avian species and the requirements of the MBTA and the California Fish and Game Code shall conduct a pre-construction survey for nesting birds no more than 3 days prior to construction. The survey shall include the entire area that will be disturbed. The results of the survey shall be recorded in a memorandum and submitted to the City of Long Beach (City) Director of Development Services, or designee, within 48 hours. If the survey is positive, and the nesting species are subject to the MBTA or the California Fish and Game Code, the memorandum shall be submitted to the California Department of Fish and Wildlife (CDFW) to determine appropriate action. If nesting birds are present, a qualified biologist shall be retained to monitor the site during initial vegetation clearing and grading, as well as during other activities that would have the potential to disrupt nesting behavior. The monitor shall be empowered by the City to halt construction work in the vicinity of the nesting birds if the monitor believes the nest is at risk of failure or the birds are excessively disturbed.	Qualified Biologist/ Director of the City of Long Beach Department of Development Services, or designee	Prior to and during construction
4.5: Cultural Resources			
CM CUL-1	Human Remains. In the event that human remains are encountered on the project site, work within 50 feet of the discovery shall be redirected and the Los Angeles County Coroner notified immediately consistent with the requirements of California Code of Regulations (CCR) Section 15064.5(e). State Health and Safety Code Section 7050.5 states that no further disturbance shall occur until the County Coroner has made a determination of origin and disposition pursuant to Public Resources Code (PRC) Section 5097.98. If the remains are determined to be Native American, the County Coroner shall notify the Native American Heritage Commission (NAHC), which shall determine and notify a Most Likely Descendant (MLD). With the permission of the City of Long Beach (City), the MLD may inspect the site of the discovery. The MLD shall complete the inspection within 48 hours of notification by the NAHC. The MLD may recommend scientific removal and nondestructive analysis of human remains and items associated with Native American burials. Consistent with CCR Section 15064.5(d), if the remains	Construction Contractor and County Coroner/ Director of the City of Long Beach Department of Development Services, or designee	During construction activities

Table 1.B: Compliance Measures

Compliance Measures	Responsible Party/ Approving Agency	Timing for Compliance Measure
<p>are determined to be Native American and an MLD is notified, the City shall consult with the MLD as identified by the NAHC to develop an agreement for treatment and disposition of the remains. Prior to the issuance of grading permits, the City Director of Development Services, or designee, shall verify that all grading plans specify the requirements of CCR Section 15064.5(e), State Health and Safety Code Section 7050.5, and PRC Section 5097.98, as stated above.</p>		
4.6: Energy		
There are no compliance measures related to energy resources that would be applicable to the proposed project.		
4.7: Geology and Soils		
There are no compliance measures related to geology and soils that would be applicable to the proposed project.		
4.8: Greenhouse Gas Emissions		
There are no compliance measures related to greenhouse gas emissions that would be applicable to the proposed project.		
4.9: Hazards and Hazardous Materials		
There are no compliance measures related to hazards and hazardous materials that would be applicable to the proposed project.		
4.10: Hydrology and Water Quality		
<p>CM HYD-1 Construction General Permit. Prior to commencement of construction activities, the project applicant shall obtain coverage under the State Water Resources Control Board (SWRCB) Waste Discharge Requirements for Discharges of Storm Water Runoff Associated with Construction and Land Disturbance Activities (Order WQ 2022-0057-DWQ NPDES No. CAS000002 (Construction General Permit), or any other subsequent permit. This shall include submission of Permit Registration Documents (PRDs), including permit application fees, a Notice of Intent (NOI), a risk assessment, a site plan, a Stormwater Pollution Prevention Plan (SWPPP), a signed certification statement, and any other compliance-related documents required by the permit, to the State Water Resources Control Board via the Stormwater Multiple Application and Report Tracking System (SMARTS). Construction activities shall not commence until a Waste Discharge Identification Number (WDID) is obtained for the project from the SMARTS and provided to the City of Long Beach’s (City) Director of Development Services, or designee, to demonstrate that coverage under the Construction General Permit has been obtained. Project construction shall comply with all applicable requirements specified in the Construction General Permit, including but not limited to, preparation of a SWPPP and implementation of construction site Best Management Practices (BMPs) to address all construction-related activities, equipment, and materials that have the potential to impact water quality for the appropriate risk level identified for the project. The SWPPP shall identify the sources of pollutants that may affect the quality of stormwater and shall include BMPs (e.g., Sediment Control, Erosion Control, and Good Housekeeping BMPs) to control the pollutants in stormwater runoff. Upon completion of construction activities and stabilization of the project</p>	<p>Project Applicant/Director of the City of Long Beach Department of Development Services, or designee</p>	<p>Prior to commencement of construction activities</p>

Table 1.B: Compliance Measures

Compliance Measures	Responsible Party/ Approving Agency	Timing for Compliance Measure
site, a Notice of Termination shall be submitted via SMARTS.		
CM HYD-2 Compliance with Long Beach Municipal Code. Prior to issuance of a grading permit, the City’s Director of Development Services, or designee, shall confirm implementation of construction BMPs to address pollutant discharges associated with construction activities. Prior to issuance of a grading permit, the City’s Director of Development Services, or designee, shall confirm that structural and non-structural BMPs have been developed to be implemented on a post-construction basis along with an associated maintenance agreement in compliance with the requirements of LBMC Section 8.96.130 and Waste Discharge Requirements and National Pollutant Discharge Elimination System (NPDES) Permit For Municipal Separate Storm Sewer System (MS4) Discharges Within the Coastal Watersheds of Los Angeles and Ventura Counties NPDES Permit No. CAS004004 Order No. R4-2021-0105. In addition, the City’s Director of Development Services, or designee, shall confirm that a Low Impact Development (LID) Plan has been prepared. The LID Plan shall specify the BMPs to be incorporated into the project design to target pollutants of concern in stormwater runoff from the project site in compliance with LBMC Section 18.74.	Director of the City of Long Beach Department of Development Services, or designee	Prior to issuance of grading permit
4.11: Land Use and Planning		
There are no compliance measures related to land use and planning that would be applicable to the proposed project.		
4.12: Mineral Resources		
There are no compliance measures related to mineral resources that would be applicable to the proposed project.		
4.13: Noise		
There are no compliance measures related to noise that would be applicable to the proposed project.		
4.14: Population and Housing		
There are no compliance measures related to population and housing that would be applicable to the proposed project.		
4.15: Public Services		
There are no compliance measures related to public services that would be applicable to the proposed project.		
4.16: Recreation		
There are no compliance measures related to recreation that would be applicable to the proposed project.		
4.17: Transportation		
There are no compliance measures related to transportation that would be applicable to the proposed project.		
4.18: Tribal Cultural Resources		
There are no compliance measures related to tribal cultural resources that would be applicable to the proposed project.		
4.19: Utilities and Service Systems		
There are no compliance measures related to utilities and service systems that would be applicable to the proposed project.		
4.20: Wildfire		

Table 1.B: Compliance Measures

Compliance Measures	Responsible Party/ Approving Agency	Timing for Compliance Measure
There are no compliance measures related to wildfire that would be applicable to the proposed project.		