7.0 MITIGATION, MONITORING, AND REPORTING PROGRAM

7.1 MITIGATION MONITORING REQUIREMENTS

Public Resources Code (PRC) Section 21081.6 (enacted by the passage of Assembly Bill 3180) mandates that 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 which 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 material which constitute the record of proceedings upon which its decision is based.
- A public agency shall provide the 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 which 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 environmental impact report (EIR) or mitigated negative declaration (MND), a responsible agency, or a public agency having jurisdiction over natural resources affected by the project, shall either submit to the lead agency complete and detailed performance objectives for mitigation measures which 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 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 which mitigate impacts to resources which are subject to the statutory authority of, and definitions applicable to, that agency. Compliance or noncompliance by a responsible agency or agency having jurisdiction over natural resources affected by a project with that requirement shall not limit that 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.

EXHIBIT B

7.2 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 proposed Belmont Pool Revitalization Project (proposed Project) will be carried out as described in this EIR.

Table 7.A lists each of the mitigation measures specified in this EIR and identifies the party or parties responsible for implementation and monitoring of each measure.

Table 7.A: Mitigation and Monitoring Reporting Program

Mitigation Measures		Responsible Party	Timing for Mitigation Measure
4.1 Aesthetics			
Mitigation Measure 4.1.1:	**Maintenance of Construction Barriers.** Prior to issuance of any construction permits, the City of Long Beach Development Services Director, or designee, shall verify that construction plans include the following note: During construction, the Construction Contractor shall ensure, through appropriate postings and daily visual inspections, that no unauthorized materials are posted on any temporary construction barriers or temporary pedestrian walkways, and that any such temporary barriers and walkways are maintained in a visually attractive manner. In the event that unauthorized materials or markings are discovered on any temporary construction barrier or temporary pedestrian walkway, the Construction Contractor shall remove such items within 48 hours.	Construction Contractor/ City of Long Beach Development Services Director, or designee	Prior to issuance of any construction permits and ongoing during construction
4.2 Air Quality			
The proposed Project would not result in any potentially significant impacts to air quality. No mitigation is required.			
4.3 Biology			
Mitigation Measure 4.3.1:	**Migratory Bird Treaty Act.** Tree and vegetation removal shall be restricted to outside the likely active nesting season (January 15 through September 1) for those bird species present or potentially occurring within the proposed Project area. That time period is inclusive of most other birds' nesting periods, thus maximizing avoidance of impacts to any nesting birds. If construction is proposed between January 15 and September 1, a qualified biologist familiar with local avian species and the requirements of the Migratory Bird Treaty Act (MBTA) and the California Fish and Game Code shall conduct a preconstruction 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) Parks, Recreation, and Marine Director 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	City of Long Beach Parks, Recreation, and Marine Director or designee	No more than 3 days prior to commencement of grading activities, if construction is proposed between January 15 and August 31.

Table 7.A: Mitigation and Monitoring Reporting Program

Mitigation Measures	Responsible Party	Timing for Mitigation Measure
occurring in depths of less than 23 ft, unless there are discoveries at shallower depths that warrant the presence of a paleontological monitor. In the event that there are any unanticipated discoveries, the on-call paleontologist shall be called to the site to assess the find for significance, and if necessary, prepare a Paleontological Resources Impact Mitigation Program (PRIMP) as outlined below. If excavation will extend deeper than 23 ft, exclusive of pile-driving and vibro-replacement soil stabilization techniques, the paleontologist shall prepare a PRIMP for the proposed Project. The PRIMP should be consistent with the guidelines of the Society of Vertebrate Paleontologists (SVP, 1995 and 2010) and shall include but not be limited to the following: • Attendance at the pre-grade conference or weekly tailgate meeting if the PRIMP is initiated after the commencement of grading, in order to explain the mitigation measures associated with the Project. • During construction excavation, a qualified vertebrate paleontological monitor shall initially be present on a full-time basis whenever excavation shall occur within the sediments that have a high paleontological sensitivity rating. Based on the significance of any recovered specimens, the qualified paleontologist may set up conditions that shall allow for monitoring to be scaled back to part-time as the Project progresses. However, if significant fossils begin to be recovered after monitoring has been scaled back, conditions shall also be specified that would allow increased monitoring as necessary. The monitor shall be equipped to salvage fossils and/or matrix samples as they are unearthed in order to avoid construction delays. The monitor shall be empowered to temporarily halt or divert equipment in the area of the find in		

Table 7.A: Mitigation and Monitoring Reporting Program

Mitigation Measures	Responsible Party	Timing for Mitigation Measure
order to allow removal of abundant or large specimens. • The underlying sediments may contain abundant fossil remains that can only be recovered by a screening and picking matrix; therefore, these sediments shall occasionally be spot-screened through 1/8 to 1/20-inch mesh screens to determine whether microfossils exist. If microfossils are encountered, additional sediment samples (up to 6,000 pounds) shall be collected and processed through 1/20-inch mesh screens to recover additional fossils. Processing of large bulk samples is best accomplished at a designated location within the Project that shall be accessible throughout the Project duration but shall also be away from any proposed cut or fill areas. Processing is usually completed concurrently with construction, with the intent to have all processing completed before, or just after, Project completion. A small corner of a staging or equipment parking area is an ideal location. If water is not available, the location should be accessible for a water truck to occasionally fill containers with water. • Preparation of recovered specimens to a point of identification and permanent preservation. This includes the washing and picking of mass samples to recover small invertebrate and vertebrate fossils and the removal of surplus sediment from around larger specimens to reduce the volume of storage for the repository and the storage cost. • Identification and curation of specimens into a museum repository with permanent retrievable storage, such as the Natural History Museum of Los Angeles County (LACM). • Preparation of a report of findings with an appended itemized inventory of specimens. When submitted to the City Development Services Director, or designee, the report and		

Table 7.A: Mitigation and Monitoring Reporting Program

	Mitigation Measures	Responsible Party	Timing for Mitigation Measure
	inventory would signify completion of the program to mitigate impacts to paleontological resources.		
4.5 Geology and Soils			
Mitigation Measure 4.5.1:	**Conformance with the Project Geotechnical Studies.** All grading operations and construction shall be conducted in conformance with the recommendations included in the *Report of Preliminary Geotechnical Investigation for the Proposed Belmont Plaza Olympic Pool Revitalization Project,* prepared by MACTEC (April 14, 2009); the *Geotechnical Investigation for the Temporary Myrtha Pool and Associated Improvements, Belmont Plaza Revitalization,* prepared by GMU Geotechnical, Inc. (April 3, 2013); the *Preliminary Geotechnical Report for the Belmont Plaza Pool Rebuild-Revitalization* prepared by AESCO (April 24, 2014); and *Soil Corrosivity Evaluation for the Belmont Plaza Pool Facility Rebuild/Revitalization Project*, prepared by HDR Schiff (April 23, 2014), which together are referred to as the *Geotechnical Evaluations*. Design, grading, and construction shall be performed in accordance with the requirements of the City of Long Beach (City) Municipal Code (Title 18) and the California Building Code (CBC) applicable at the time of grading, appropriate local grading regulations, and the requirements of the Project geotechnical consultant as summarized in a final written report, subject to review and approval by the City's Development Services Director, or designee, prior to commencement of grading activities. Specific requirements in the Final Geotechnical Report shall address: 1. Seismic design considerations and requirements for structures and nonstructural components permanently attached to structures	City of Long Beach Development Services Director, or designee	Prior to commencement of grading activities

Table 7.A: Mitigation and Monitoring Reporting Program

Mitigation Measures	Responsible Party	Timing for Mitigation Measure
2. Foundations including ground improvements (deep soil mixing and stone columns) and shallow foundation design 3. Earthwork, including site preparation for structural areas (building pad) and sidewalks, pavements, and other flatwork areas; fill material; temporary excavations; and trench backfill 4. Liquefaction 5. Site drainage 6. Slabs-on-grade and pavements 7. Retaining walls Additional site testing and final design evaluation shall be conducted by the Project geotechnical consultant to refine and enhance these requirements, if necessary. The City shall require the Project geotechnical consultant to assess whether the requirements in that report need to be modified or refined to address any changes in the Project features that occur prior to the start of grading. If the Project geotechnical consultant identifies modifications or refinements to the requirements, the City shall require appropriate changes to the final Project design and specifications. Grading plan review shall also be conducted by the City's Development Services Director, or designee, prior to the start of grading to verify that the requirements developed during the geotechnical design evaluation have been appropriately incorporated into the Project plans. Design, grading, and construction shall be conducted in accordance with the specifications of the Project geotechnical consultant as summarized in a final report based on the CBC applicable at the time of grading and building and the City Building Code. On-site inspection during		

Table 7.A: Mitigation and Monitoring Reporting Program

	Mitigation Measures	Responsible Party	Timing for Mitigation Measure
	grading shall be conducted by the Project geotechnical consultant and the City Building Official to ensure compliance with geotechnical specifications as incorporated into Project plans.		
Mitigation Measure 4.5.2:	**Corrosive Soils.** Prior to issuance of any building permits, the City of Long Beach Development Services Director, or designee, shall verify that structural design conforms to the requirements of the geotechnical study with regard to the protection of ferrous metals and copper that will come into contact with on-site soil. In addition, on-site inspections shall be conducted during construction by the Project geotechnical consultant and/or City Building Official to ensure compliance with geotechnical specifications as incorporated into Project plans. The measures specified in the geotechnical study for steel pipes, iron pipes, copper tubing, plastic and vitrified clay pipe, other pipes, concrete, post tensioning slabs, concrete piles, and steel piles shall be incorporated into the structural design and Project plans where ferrous metals (e.g., iron or steel) and/or copper may come into contact with on-site soils.	City of Long Beach Development Services Director, or designee/Geotechnical Consultant or City Building Official	Prior to issuance of any building permits; inspections during project construction
4.6 Global Climate Change and Greenhouse Gas Emissions			
The proposed Project would not result in potentially significant impacts related to Greenhouse Gases. No mitigation is required.			
4.7 Hazards and Hazardous Resources			
Mitigation Measure 4.7.1:	**Contingency Plan.** Prior to issuance of any excavation or grading permits or activities, the City of Long Beach (City) Fire Department (LBFD), or designee, shall review and approve a contingency plan that addresses the potential to encounter on-site unknown hazards or hazardous substances during construction activities. The plan shall require that if construction workers encounter underground tanks, gases, odors, uncontained spills, or other unidentified substances, the contractor shall stop work, cordon off the affected area, and notify the LBFD. The LBFD responder shall determine the next steps regarding possible site evacuation, sampling, and disposal of	City of Long Beach Fire Department, or designee	Prior to issuance of any excavation or grading permits or activities

Table 7.A: Mitigation and Monitoring Reporting Program

	Mitigation Measures	Responsible Party	Timing for Mitigation Measure
	the substance consistent with local, State, and federal regulations.		
Mitigation Measure 4.7.2:	**Predemolition Surveys.** Prior to commencement of demolition and/or construction activities, the City LBFD, or designee, shall verify that predemolition surveys for asbestos-containing materials (ACMs) and lead (including sampling and analysis of all suspected building materials) shall be performed. All inspections, surveys, and analyses shall be performed by appropriately licensed and qualified individuals in accordance with applicable regulations (i.e., American Society for Testing and Materials E 1527-05, and 40 Code of Federal Regulations [CFR], Subchapter R, Toxic Substances Control Act [TSCA], Part 716). If the predemolition surveys do not find ACMs or lead-based pipes (LBPs), the inspectors shall provide documentation of the inspection and its results to the City LBFD, or designee, to confirm that no further abatement actions are required. If the predemolition surveys find evidence of ACMs or lead, all such materials shall be removed, handled, and properly disposed of by appropriately licensed contractors according to all applicable regulations during demolition of structures (40 CFR, Subchapter R, TSCA, Parts 745, 761, and 763). Air monitoring shall be completed by appropriately licensed and qualified individuals in accordance with applicable regulations both to ensure adherence to applicable regulations (e.g., South Coast Air Quality Management District [SCAQMD]) and to provide safety to workers. The City shall provide documentation (e.g., all required waste manifests, sampling, and air monitoring analytical results) to the LBFD showing that abatement of any ACMs or lead identified in these structures has been completed in full compliance with all applicable regulations and approved by the appropriate regulatory agencies (40 CFR, Subchapter R, TSCA, Parts 716, 745, 761, 763, and 795 and California Code of Regulations Title 8, Article 2.6). An Operating	City of Long Beach Fire Department, or designee	Prior to commencement of demolition and/or construction activities

Table 7.A: Mitigation and Monitoring Reporting Program

	Mitigation Measures	Responsible Party	Timing for Mitigation Measure
	and Maintenance Plan shall be prepared for any ACM or lead to remain in place and shall be reviewed and approved by the LBFD.		
4.8 Hydrology and Water Quality			
Mitigation Measure 4.8.1:	**Construction General Permit.** Prior to issuance of a grading permit, the City of Long Beach (City) shall obtain coverage for the proposed Project under the State Water Resources Control Board National Pollutant Discharge Elimination System *General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities* (Order No. 2009-0009-DWQ, Permit No. CAS000002), as amended by Order Nos. 2010-0004-DWQ and 2012-0006-DWQ (Construction General Permit), or subsequent issuance. For projects with a disturbed area of 5 or more acres, a Storm Water Pollution Prevention Plan (SWPPP) with construction Best Management Plans (BMPs) is required to be submitted to both the Los Angeles Regional Water Quality Control Board (RWQCB) and the City. The City shall provide the Waste Discharge Identification Numbers to the Development Services Director to demonstrate proof of coverage under the Construction General Permit. A SWPPP shall be prepared and implemented for the proposed Project in compliance with the requirements of the Construction General Permit. The SWPPP shall identify construction BMPs to be implemented to ensure that the potential for soil erosion and sedimentation is minimized and to control the discharge of pollutants in storm water runoff as a result of construction activities.	City of Long Beach Development Services Director, or designee	Prior to issuance of a grading permit
Mitigation Measure 4.8.2:	**Dewatering During Construction Activities.** During project construction, the City of Long Beach Development Services Director, or designee, shall ensure that any dewatering activities during construction shall comply with the requirements of the *Waste Discharge Requirements for Discharges of Groundwater from Construction and Project Dewatering to Surface Waters in*	City of Long Beach Development Services Director, or designee	Ongoing during any dewatering activities during project construction

Table 7.A: Mitigation and Monitoring Reporting Program

Mitigation Measures		Responsible Party	Timing for Mitigation Measure
	Coastal Watersheds of Los Angeles and Ventura Counties (Order No. R4-2013-0095, Permit No. CAG994004) (Groundwater Discharge Permit) or subsequent permit. This Groundwater Discharge Permit shall include submission of a Notice of Intent (NOI) for coverage under the permit to the Los Angeles RWQCB at least 45 days prior to the start of dewatering and compliance with all applicable provisions in the permit, including water sampling, analysis, and reporting of dewatering-related discharges. If dewatered groundwater cannot meet the discharge limitations specified in the Groundwater Discharge Permit, a permit shall be obtained from the Los Angeles County Sanitation District (LACSD) to discharge groundwater to the sewer per LACSD's Wastewater Ordinance.		
Mitigation Measure 4.8.3:	**Standard Urban Stormwater Mitigation Plan.** Prior to issuance of grading permits, the City shall submit a Final Standard Urban Stormwater Mitigation Plan (SUSMP) for the proposed Project to the Development Services Director for review and approval. Project-specific site Design, Source Control, and Treatment Control BMPs contained in the Final SUSMP shall be incorporated into final design. The BMPs shall be consistent with the requirements of the *Low Impact Development (LID) Best Management Practices (BMP) Design Manual*. Additionally, the BMPS shall be designed and maintained to target pollutants of concern and reduce runoff from the Project site. The SUSMP shall include an operations and maintenance plan for the prescribed Treatment Control BMPs to ensure their long-term performance.	City of Long Beach Development Services Director, or designee	Prior to issuance of grading permits
Mitigation Measure 4.8.4:	**Hydrology Reports.** Prior to issuance of grading permits, the City shall submit a final hydrology report for the proposed Project to the Development Services Director, or designee, for review and approval. The hydrology report shall demonstrate, based on hydrologic calculations, that the proposed Project's on-site storm conveyance and detention and infiltration facilities are designed in	City of Long Beach Development Services Director, or designee	Prior to issuance of grading permits

Table 7.A: Mitigation and Monitoring Reporting Program

	Mitigation Measures	Responsible Party	Timing for Mitigation Measure
	accordance with the requirement of the Los Angeles County Department of Public Works Hydrology Manual.		
Mitigation Measure 4.8.5:	**Floodplain Report.** During final design, the Project engineer shall prepare and submit a floodplain/hydrology report to the City Development Services Director, or designee, to address any potential impacts to the floodplain and, if required, reduce those impacts. The report shall comply with City and Federal Emergency Management Agency (FEMA) regulations and shall not increase the base flood elevation by more than 1 foot. Detailed analysis shall be conducted to ensure that the Project design specifically addresses floodplain issues so that the proposed Project complies with local and FEMA regulations on floodplains.	Project Engineer/City of Long Beach Development Services Director, or designee	During final design
4.9 Land Use			
The proposed Project would not result in potentially significant impacts related to land use. No mitigation is required.			
4.10 Noise			
Mitigation Measure 4.10.1:	Prior to issuance of the occupancy permit, the City of Long Beach's (City) Development Services Director, or designee, shall verify that a sound engineer has designed the permanent and temporary sound systems such that the City's exterior noise standards (daytime exterior noise level of 50 dBA L_{50}) are not exceeded at the surrounding sensitive land uses. Measures capable of reducing the noise levels include, but are not limited to: • Reducing the source levels; • Reducing the speaker elevations; • Directing the speakers away from adjacent noise-sensitive land uses; and • Using highly directional speakers.	City of Long Beach Development Services Director, or designee	Prior to issuance of the occupancy permit
Mitigation Measure 4.10.2:	Prior to issuance of demolition or grading permits, the City of Long Beach's (City) Development Services Director, or designee, shall verify that construction and grading plans include the following conditions to reduce potential construction noise impacts on nearby sensitive receptors:	City of Long Beach Development Services Director, or designee	Prior to issuance of demolition or grading permits

Table 7.A: Mitigation and Monitoring Reporting Program

	Mitigation Measures	Responsible Party	Timing for Mitigation Measure
	• During all site excavation and grading, the construction contractors shall equip all construction equipment, fixed or mobile, with properly operating and maintained mufflers consistent with manufacturers' standards; • The construction contractor shall place all stationary construction equipment so that emitted noise is directed away from sensitive receptors nearest the Project site; • The construction contractor shall locate equipment staging to create the greatest distance between construction-related noise sources and noise-sensitive receptors nearest the Project site during all Project construction; • The construction contractor shall ensure that engine idling from construction equipment (i.e., bulldozers and haul trucks) is limited to a maximum of 5 minutes at any given time; and • The construction contractor shall ensure that all construction activities are scheduled to avoid operating several pieces of heavy equipment simultaneously. • Construction, drilling, repair, remodeling, alteration, or demolition work shall be limited to the hours of 7:00 a.m. to 7:00 p.m. Monday through Friday, and 9:00 a.m. to 6:00 p.m. on Saturday. In accordance with City standards, no construction activities are permitted outside of these hours.		
Mitigation Measure 4.10.3:	Prior to issuance of a grading permit, the City of Long Beach Tidelands Capital Improvement Division shall hold a community preconstruction meeting in concert with the construction contractor to provide information to the public regarding the construction schedule. The construction schedule information shall include the duration of each construction activity and the specific location, days, frequency, and duration of the pile driving that will occur	City of Long Beach Tidelands Capital Improvement Division	Prior to issuance of a grading permit

Table 7.A: Mitigation and Monitoring Reporting Program

	Mitigation Measures	Responsible Party	Timing for Mitigation Measure
	during each phase of the Project construction. Public notification of this meeting shall be undertaken in the same manner as the Notice of Availability mailings for this Draft Environmental Impact Report.		
4.11 Recreation			
With implementation of Mitigation Measure 4.12.2, as identified in the Transportation and Traffic section, short-term construction-related impacts on recreational resources would be less than significant.			
4.12 Transportation and Traffic			
Mitigation Measure 4.12.1:	**Event Traffic Management Plan.** In the event that a large special event (defined as more than 450 spectators) is held at Belmont Pool, the City of Long Beach (City) Parks and Recreation Director, or designee, shall develop an Event Traffic Management Plan for review and approval by the City Traffic Engineer. The plan shall be designed by a registered Traffic Engineer and shall address potential impacts to traffic circulation and the steps necessary to minimize potential impacts (e.g., active traffic management and/or off-site parking and shuttles) during the large special event.	City of Long Beach Parks and Recreation Department Director, or designee/City Traffic Engineer	Prior to any large special event (defined as more than 450 spectators)
Mitigation Measure 4.12.2:	**Construction Traffic Management Plan.** Prior to the issuance of any demolition permits, the City of Long Beach (City) Parks and Recreation Director, or designee, shall develop a Construction Traffic Management Plan for review and approval by the City Traffic Engineer. The plan shall be designed by a registered Traffic Engineer and shall address traffic control for any street closure, detour, or other disruption to traffic circulation and public transit routes and shall ensure that emergency vehicle access is maintained. The plan shall identify the routes that construction vehicles shall use to access the site, the hours of construction traffic, traffic controls and detours, and off-site staging areas. The plan shall also require that a minimum of one travel lane in each direction on Ocean Boulevard be kept open during construction activities. Access to Belmont Veterans' Memorial Pier, the Shoreline Beach Bike Path, and the beach shall be maintained at all times. The	City of Long Beach Parks and Recreation Director, or designee/ City Traffic Engineer	Prior to the issuance of any demolition permits

Table 7.A: Mitigation and Monitoring Reporting Program

Mitigation Measures	Responsible Party	Timing for Mitigation Measure
Construction Traffic Management Plan shall also require that access to the pier, the bike path, and the beach be kept open during construction activities. The plan shall also require the City to keep all haul routes clean and free of debris including, but not limited to, gravel and dirt		
4.13 Utilities and Service Systems		
With implementation of Mitigation Measures 4.8.2 and 4.8.4, as identified in the Hydrology and Water Quality Section, impacts with respect to hydrology and water quality would be less than significant.		