

*City of Long Beach*

# **Civic Center Project**

*Draft*  
**Initial Study**



**April 2015**

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# **Civic Center Project**

## *Draft* **Initial Study**

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*April 2015*

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## INITIAL STUDY

**1. Project Title:**

Civic Center Project

**2. Lead Agency Name and Address:**

City of Long Beach  
333 West Ocean Boulevard 5<sup>th</sup> Floor  
Long Beach, California 90802

**3. Contact Person and Phone Number:**

Craig Chalfant, Planner  
(562) 570-6368

**4. Project Location:**

The project site includes several areas throughout downtown Long Beach: Civic Block, Lincoln Park Block, Third & Pacific Block, and Center Block. The larger portion of the project site is bounded by Magnolia Avenue and Chestnut Avenue to the west, Broadway to the north, Pacific Avenue to the east, and Ocean Boulevard to the south. A smaller part of the project site is bounded by Third Street, Cedar Avenue, and Pacific Avenue. Figure 1 shows the regional location. Figure 2 shows the project site location.

**5. Project Sponsor's Name and Address:**

City of Long Beach  
333 West Ocean Boulevard 5<sup>th</sup> Floor  
Long Beach, California 90802

**6. General Plan Designation:**

Mixed Use (LUD 7)

**7. Zoning:**

Downtown Plan (PD-30)

**8. Description of Project:**

The design of the proposed Civic Center project follows the guidance of the Downtown Plan (the "Downtown Plan"), which was adopted in January 2012. A Final Program Environmental Impact Report (FEIR) was prepared for the Downtown Plan in accordance with the California Environmental Quality Act (CEQA) and was certified in January 2012. The project includes a new City Hall, a new Port Building for Harbor Department administration, a new and relocated Main Library, a redeveloped Lincoln Park, a residential development, and a commercial mixed use development. In total, the proposal includes six new buildings, three new parking garages, related infrastructure and landscaping, and two new public street extensions of Chestnut Avenue and Cedar Avenue through the project site. The Lincoln Park garage and Broadway garage would be preserved and would be used by city staff and public parking as it is today. Both the City Hall and Port buildings would be up to 11 stories in height. See Figure 3 for a detailed site plan of all proposed components. See Figure 4a and 4b for aerial photosimulations of the project.



The project includes the demolition of the former Long Beach Courthouse building. The Long Beach Courthouse Demolition Project was studied in a Draft EIR (SCH# 2014051003) that was circulated in October and November of 2014. The former courthouse would be demolished leaving the building foundation partially deconstructed with stem walls along the north and east property lines left in place. Prior to demolition, equipment and materials would be removed. Hazardous materials, if present, would be removed in accordance with federal and State abatement policies and procedures.

Specific project components are described in more detail below:

### **Civic Block**

The Civic Block consists of three major components:

#### *Port Building*

The Port Building would be up to 11-stories, utilizing a concrete frame structure of up to 240,000 gross square feet (gsf). It would be designed to house the administrative functions of the Harbor Department. The space within this building would be primarily office space.

#### *City Hall Building.*

The City Hall building would be an approximately 270,000 gsf, up to 11-story concrete frame structure that includes office space for City staff and elected officials. The structure would also include Council Chambers, meeting rooms, transaction counters and other public serving components. Located around and between the City Hall and Port Building would be a 73,000 square foot (sf) Civic Plaza, which would include hardscape and landscape elements appropriate for larger spontaneous gatherings as well as planned events.

#### *Port and City Hall Foundations.*

The Port and City Hall buildings would share a common underground parking structure that includes shared infrastructure such as the combined central plant, common points of vehicular access and shared loading dock services. Up to 510 new spaces of underground parking would be available to the Harbor Department and the City's priority parking users, including Americans with Disabilities Act (ADA) accessible parking spaces, in a 2 to 2.5 level below grade structure that includes a below grade loading dock.

Construction on the Civic Block would begin once the former Long Beach Courthouse building occupying the site is removed.

### **Lincoln Park Block**

Improvements to the Lincoln Park Block consist of two primary components:

#### *Main Library*

A new two-story Main Library of up to 92,000 gsf would be constructed utilizing a wood frame structure built on top of the existing Lincoln Parking Garage roof deck. In addition to the aboveground component, service, support and archive functions would be constructed on the P1 level of the Lincoln Parking Garage. Lincoln Parking Garage renovations would include enhancements to the existing parking structure necessary to support the Library and would allow access to the garage using the existing Pacific and Cedar Street access ramps.



These temporary ramps would be modified and replaced with a new ramp system as part of the Center Block work described below.

#### *Lincoln Park*

After occupation of the new Library, the existing Main Library would be demolished. The site would be redeveloped into a new Lincoln Park. The deeded 4.8 acres of Lincoln Park would remain in its current location. The new Main Library would be located in the park under a conditional use permit. The planned park area, not including the library footprint, would be approximately four acres.

Lincoln Park would include California friendly landscaping and hardscape treatment to support planned programs and events. The planned park amenities include a multi-purpose event lawn, a dog park, and a children's play area. A new public washroom would also be added.

#### **Third & Pacific Block**

The commercial parcel at Third Street and Pacific Avenue is currently an approximately 0.9 acre surface parking lot. The project would include construction of a seven story, multi-family residential complex on this lot. The structure would have up to 200 units and be up to 235,000 gsf. The proposed building is a five to seven-story structure of a combination of concrete and wood frame. The complex would also include a parking structure with up to two levels below grade and up to three levels above ground partially wrapped by the residential units. Up to 250 parking stalls would be included in this structure and the building would be serviced by at grade loading facilities.

#### **Center Block**

After the New City Hall is operational, the existing City Hall structure would be demolished and a mixed use project would be developed in its place. The Center Block commercial development would include up to 580 residential units totaling up to 650,000 gsf and up to 40,000 gsf of retail. A 200 room hotel may also be included as part of the project. An underground parking garage would service this parcel with up to 725 new parking spaces and the two buildings comprising the new development would be serviced by at-grade loading facilities. In the event of a hotel use within the Ocean Boulevard parcel, a port-cochere would be provided at the corner of Ocean Boulevard and Cedar Street.

#### **Site Infrastructure**

The project would require site infrastructure improvements to service the buildings. The primary infrastructure components include:

##### *Street Extensions*

Chestnut Street would be extended to connect Broadway to Ocean Boulevard as part of the Civic Block work discussed above. Cedar Street would be extended to connect Broadway to Ocean as part of the Center Block work discussed above. A section of First Street with non-traditional paving and a curbless design would be developed as a privately owned and operated street between Chestnut and Cedar Streets as part of the Center Block development. Street improvements would include new streetscape treatments and traffic signalization, cross walks, and on-street parking where feasible.



### *Utilities*

Existing utilities that are not required to remain would be cut, capped and removed as necessary for each phase of construction. Utilities that need to remain in service, but that conflict with elements of the Downtown Plan would be re-located in coordination with appropriate utility provider.

### *Landscaping*

Landscaping for the site was designed at a Downtown Plan level to bring landscape consistency to the entire project and to ensure the project meets the City's requirements for streetscape improvements. Specific landscape and hardscape plans would be included with each of the major work components outlined above.

## **9. Surrounding Land Uses and Setting:**

Generally, the project is located in the Civic Center portion of the Downtown Plan area of Long Beach surrounded by a mix of uses, including residential, retail, commercial space, and recreational areas (including parks). This area is also identified as the Institutional District of PD-30 in Figure 4.8-1 of the Downtown Plan EIR. The Long Angeles River is less than one mile to the west of the Downtown area.

## **10. Other Public Agencies Whose Approval is Required:**

The following City of Long Beach approvals will be required:

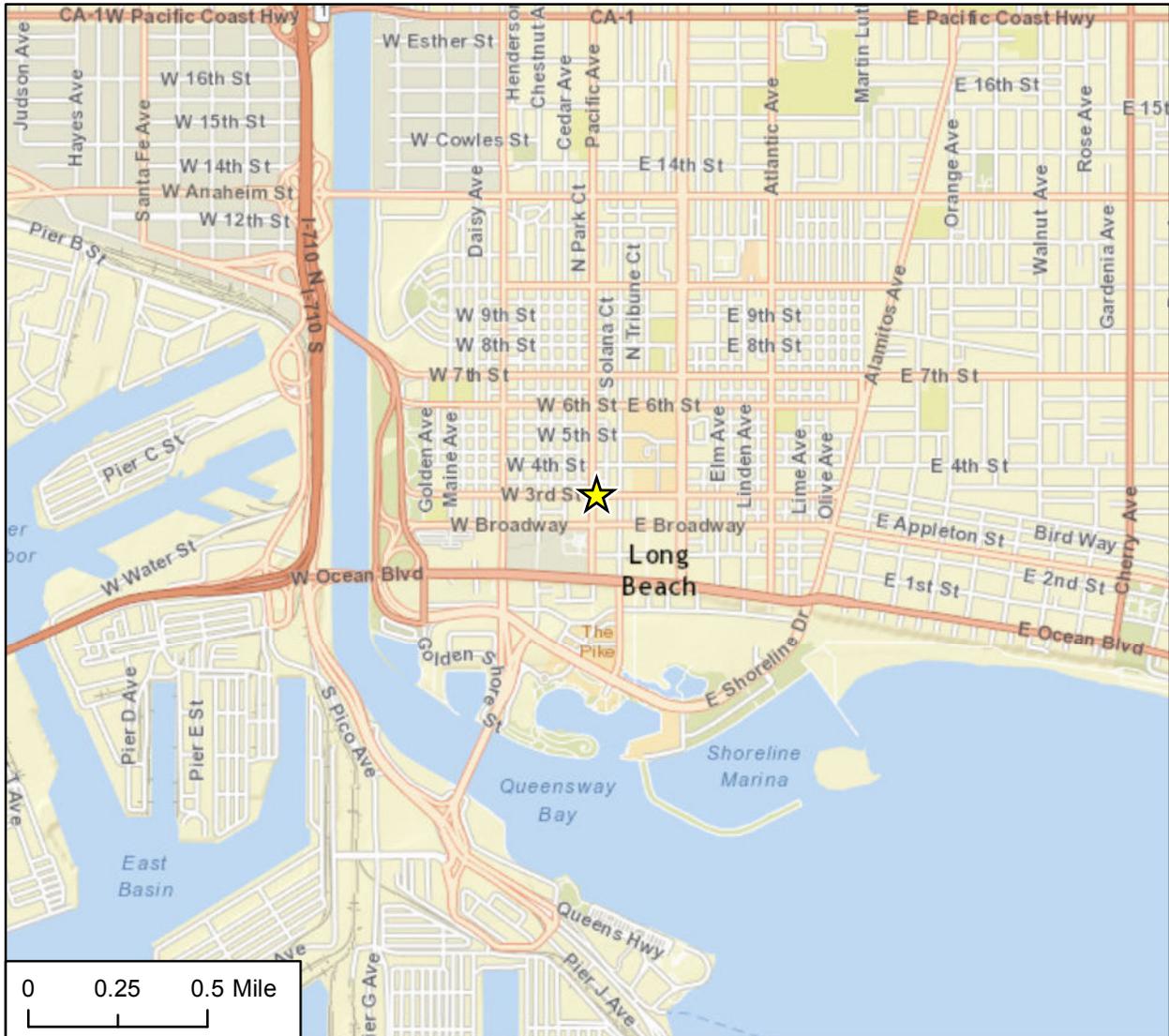
- Long Beach Planning Bureau will review, comment and ultimately provide recommendations to the Planning Commission on the site plan, zoning and subdivision entitlement applications outlined above.
- Long Beach Planning Commission will review in a public hearing and consider approval recommendations for the entitlement applications and CEQA review documentation.
- Long Beach City Council will review in a public hearing and approve any Statutory Development Agreements related to private development site plans and other subdivision and zoning actions.
- Long Beach City Council will review in a public hearing (a portion of which may be in closed session) and approve project's transactional documents.
- Long Beach Parks and Recreation Commission will review and approve the Lincoln Park Design.
- Long Beach Gas and Oil will review and approve the gas service utility design.
- Long Beach Water Department will review and approve the water service utility design.
- Long Beach Traffic & Transportation Bureau, Traffic Engineering Division will review and approve the street and intersection improvement designs.
- Long Beach Department of Public Works will review and approve the utility excavation plans, management of traffic plans and work related to improvements within the Public Right of Way.
- Long Beach Building and Safety Bureau will review and approve the building plans and issue permits.



- Long Beach Fire Department will review and approve the building plans for fire and life safety issues.

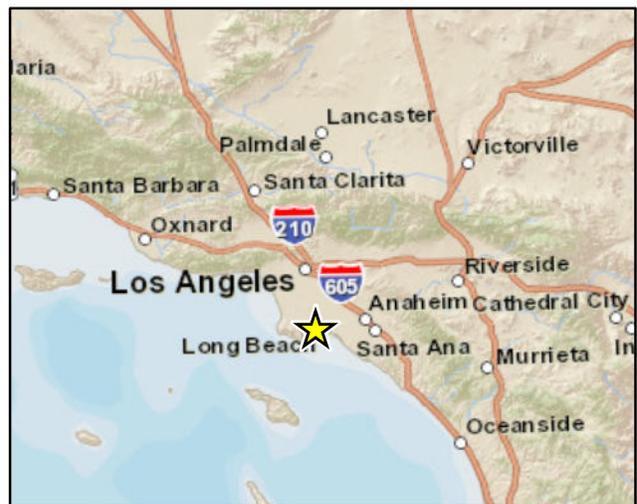
In addition to the above City approvals, the Board of Harbor Commissioners will review and approve their components of the project, including any direct contracts between Plenary-Edgemoor Civic Partners (PECP), the City's development partner, and the Harbor Department that are not a part of the City's agreements.





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★ Project Location



Regional Location

Figure 1

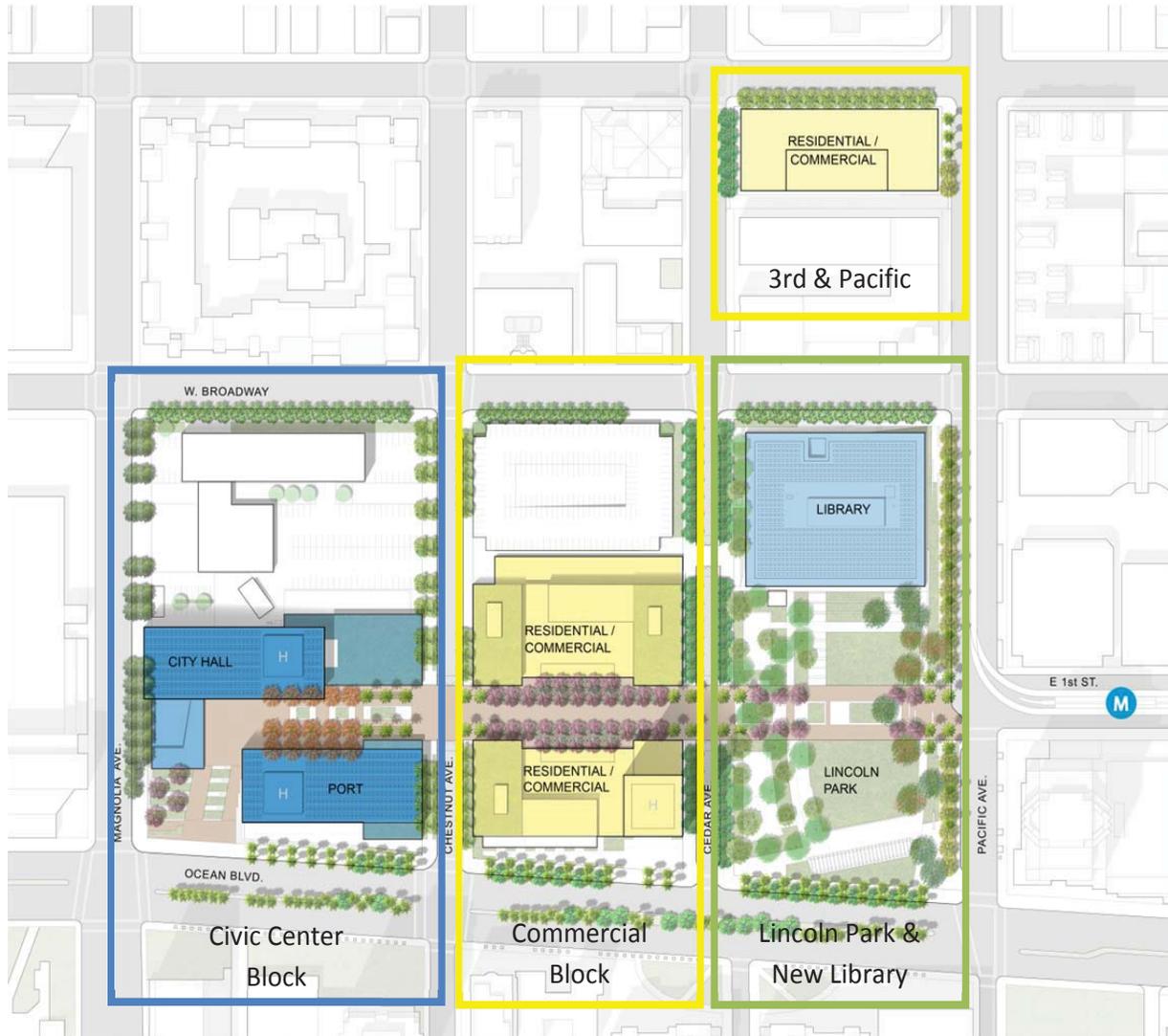




Project Location

Figure 2  
City of Long Beach







Looking southwest through project area, Pacific Avenue shown in lower left.



Looking east through project area, Ocean Boulevard shown on right.

## ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED

The environmental factors checked below would be potentially affected by this project, involving at least one impact that is “Potentially Significant” or “Potentially Significant Unless Mitigation Incorporated” as indicated by the checklist on the following pages.

- |  |   |  |
|--|---|--|
| <input checked="" type="checkbox"/> Aesthetics               | <input type="checkbox"/> Agriculture and Forestry Resources | <input checked="" type="checkbox"/> Air Quality                        |
| <input type="checkbox"/> Biological Resources                | <input checked="" type="checkbox"/> Cultural Resources      | <input type="checkbox"/> Geology/Soils                                 |
| <input checked="" type="checkbox"/> Greenhouse Gas Emissions | <input type="checkbox"/> Hazards & Hazardous Materials      | <input type="checkbox"/> Hydrology/Water Quality                       |
| <input type="checkbox"/> Land Use/Planning                   | <input type="checkbox"/> Mineral Resources                  | <input checked="" type="checkbox"/> Noise                              |
| <input type="checkbox"/> Population/Housing                  | <input type="checkbox"/> Public Services                    | <input type="checkbox"/> Recreation                                    |
| <input checked="" type="checkbox"/> Transportation/Traffic   | <input type="checkbox"/> Utilities/Service Systems          | <input checked="" type="checkbox"/> Mandatory Findings of Significance |



## DETERMINATION

On the basis of this initial evaluation:

- I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.
- I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.
- I find that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.
- I find that the proposed project MAY have a “potentially significant impact” or “potentially significant unless mitigated” impact on the environment, but at least one effect (1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and (2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. A Supplemental ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.
- I find that although the proposed project could have a significant effect on the environment, because all potential significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.

  
Signature

  
Date



## ENVIRONMENTAL CHECKLIST

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
<b>I. Aesthetics</b>				
-- Would the Project:				
a) Have a substantial adverse effect on a scenic vista?	■	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	■	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Substantially degrade the existing visual character or quality of the site and its surroundings?	■	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	<input type="checkbox"/>	<input type="checkbox"/>	■	<input type="checkbox"/>

a) *Would the project have a substantial adverse effect on a scenic vista?*

b) *Would the project substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?*

c) *Would the project substantially degrade the existing visual character or quality of the site and its surroundings?*

The City of Long Beach Downtown Plan Final Program Environmental Impact Report (SCH No. 2009071006) (the "FEIR") included environmental review of the Downtown Plan, which proposed development throughout the downtown area, including the project site. It was determined that impacts to the visual character would be altered as a result of development. The FEIR found that design review as outlined in the Downtown Plan would ensure that such alterations would benefit the area's overall visual character.

Visual corridors in Downtown Long Beach include Ocean Boulevard (a designated scenic highway) and Alamitos Avenue (which is recommended for scenic highway designation in the proposed Long Beach General Plan update, based on views available from the right-of-way). Several other locations within the Downtown Plan area contain visual resources or viewsheds that require protection. These include roadways that approach the coastal bluff from the north and connect Downtown to the Pike and Shoreline Village, such as Linden and Pine Avenues and Magnolia Avenue/Queens Way. In addition, sites where streets terminate at historic landmarks such as the Villa Riviera, or iconic buildings such as the City Hall building at the western terminus of 1st Street, and the termination of Long Beach Boulevard at the Long Beach



Performing Arts Center, are visually significant. Views of designated historic landmarks within Downtown identified in Section 4.3 of the FEIR as potentially historic structures are also considered to be visual amenities.

The six new buildings (three of which are over 11 stories tall), three new parking garages, and related infrastructure and landscaping improvements included in the proposed project would alter the visual character of the area and have the potential to impact the visual corridors, viewsheds, and resources in the area. Two existing parking garages (Broadway and Lincoln Garages) would remain. One new parking garage would be subterranean and located below the proposed mixed use Center Block development. The second new garage would be a combined subterranean garage below the proposed City Hall and Port buildings. The third new garage would include one below grade level and three above grade levels that partially wrap around the Third and Pacific Block multi-family residential complex. Design of these elements would be subject to the review as outlined in the Downtown Plan and described in the FEIR. Because this specific project was not analyzed in the FEIR, the Supplemental EIR (SEIR) will analyze what, if any, additional measures may be required to minimize visual impacts associated with the currently proposed development.

Because of the high-rise development anticipated in the Downtown Plan, and without knowledge of exactly where all of these structures were likely to occur within the project boundary at the time of the FEIR's adoption, it was also determined that shade and shadow impacts on existing and potential future sensitive receptor land uses were likely to occur. This impact was determined to be significant and unavoidable. The project would be subject to FEIR Measure AES-3, which requires submittal of a shading study prior to issuance of any building permits for structures exceeding 75 feet in height or any structure that is adjacent to a light sensitive use and exceeds 45 feet in height. Because the buildings included in the proposed project were not analyzed in the FEIR, the SEIR will analyze what specific impacts the project would have and what, if any, further mitigation measures may be available to reduce shadow impacts.

The project includes the demolition of the former Long Beach Courthouse. The Long Beach Courthouse Demolition Project Draft EIR determined that impacts related to the existing visual character or quality of the site would be less than significant with implementation of mitigation measures, which include the installation of temporary fencing with screening material, site maintenance to address litter and debris, and maintenance of temporary construction barriers and walkways.

#### **POTENTIALLY SIGNIFICANT IMPACT**

*d) Would the project create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?*

The Downtown Plan FEIR determined that impacts related to light and glare would be significant but mitigable for the Downtown Plan. The project would be subject to the same general mitigation measures identified and analyzed in the FEIR, specifically AES-2(a-d), which require submittal of lighting plans and specification building material plans and specifications, light fixture shielding, and window tinting. Because the project is within an urbanized area already characterized by high levels of light and glare and because all project development



would comply with existing City requirements as well as the light and glare measures included in the Downtown Plan FEIR, no project-specific light/glare impacts beyond those identified in the FEIR are anticipated and further study of this issue in the SEIR is not warranted.

**LESS THAN SIGNIFICANT IMPACT**

	<b>Potentially Significant Impact</b>	<b>Potentially Significant Unless Mitigation Incorporated</b>	<b>Less than Significant Impact</b>	<b>No Impact</b>
<b>II. Agriculture and Forestry Resources</b>				
<p>-- In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Dept. of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment Project; and forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board. -- Would the project:</p>				
a) Convert Prime Farmland, Unique Farmland, Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code Section 12220(g)), timberland (as defined by Public Resources Code Section 4526), or timberland zoned Timberland Production (as defined by Government Code Section 51104(g))?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>



	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
--	--------------------------------	--	------------------------------	-----------

**II. Agriculture and Forestry Resources**

- |   |                          |                          |                          |                                     |
|---|--------------------------|--------------------------|--------------------------|-------------------------------------|
| d) Result in the loss of forest land or conversion of forest land to non-forest use?  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

a) *Would the project convert Prime Farmland, Unique Farmland, Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?*

b) *Would the project conflict with existing zoning for agricultural use, or a Williamson Act contract?*

c) *Would the project conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code Section 12220(g)), timberland (as defined by Public Resources Code Section 4526), or timberland zoned Timberland Production (as defined by Government Code Section 51104(g))?*

d) *Would the project result in the loss of forest land or conversion of forest land to non-forest use?*

e) *Would the project involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use?*

There are no agricultural zones or forest lands within Long Beach, which is a fully urbanized community that has been urbanized for over half a century. The Downtown Plan FEIR determined that the Downtown Plan would not have any significant irreversible impacts on agricultural resources, as the area would not be conducive to agricultural production. The project area was included in the analysis of the Downtown Plan. Therefore, the Civic Center Project would not result in any significant impacts to agricultural resources.

**NO IMPACT**

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
--	--------------------------------	--	------------------------------	-----------

**III. Air Quality**

-- Would the project:

- |   |                                     |                          |                          |                          |
|---|-------------------------------------|--------------------------|--------------------------|--------------------------|
| a) Conflict with or obstruct implementation of the applicable air quality plan? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|---|-------------------------------------|--------------------------|--------------------------|--------------------------|



	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
--	--------------------------------	--	------------------------------	-----------

### III. Air Quality

-- Would the project:

b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?	■	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)?	■	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) Expose sensitive receptors to substantial pollutant concentrations?	■	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) Create objectionable odors affecting a substantial number of people?	<input type="checkbox"/>	<input type="checkbox"/>	■	<input type="checkbox"/>

a) *Would the project conflict with or obstruct implementation of the applicable air quality plan?*

b) *Would the project violate any air quality standard or contribute substantially to an existing or projected air quality violation?*

c) *Would the project result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)?*

The project site is within the South Coast Air Basin (the Basin), which is under the jurisdiction of the South Coast Air Quality Management District (SCAQMD). The local air quality management agency is required to monitor air pollutant levels to ensure that applicable air quality standards are met and, if they are not met, to develop strategies to meet the standards. The SCAQMD has adopted an Air Quality Management Plan (AQMP) that provides a strategy for the attainment of state and federal air quality standards.

According to the SCAQMD Guidelines, to be consistent with the AQMP, a project must conform to the local General Plan and must not result in or contribute to an exceedance of the City's projected population growth forecast. The Downtown Plan FEIR determined that the proposed project would not increase the allowable density in the Downtown area and therefore operational emissions associated with land use development on the site, including vehicle trip generation would have been accounted for in the AQMP. However, it was also determined that construction and operational area- and mobile-source emissions from implementation of the Downtown Plan would result in or substantially contribute to emissions concentrations that exceed the national or California standards causing significant and unavoidable impacts.



The proposed project is within the parameters and growth forecasts of the Downtown Plan and would generate short-term air pollutant emissions associated with construction, as well as long-term operations, which would contribute to the significant and unavoidable impacts determined in the Downtown Plan FEIR. Emissions have the potential to contribute to an existing project air quality violation or result in a cumulatively considerable net increase of criteria pollutants for which the region is in non-attainment. Development of the proposed project would be subject to the same general mitigation measures identified in the FEIR, specifically AQ-1(b), which requires individual projects within 1,500 feet of sensitive receptors to undergo project-specific construction-related air quality analysis, and AQ-1(c), which required individual projects to include specific provisions, such as temporary traffic controls, the use of 2010 or newer diesel trucks, and more, to reduce construction-related air quality impacts.

Certain population groups, such as children, the elderly, and people with health problems, are considered particularly sensitive to air pollution. Sensitive receptors consist of land uses that are more likely to be used by these population groups. Sensitive receptors include health care facilities, retirement homes, school and playground facilities, and residential areas. Traffic associated with the project has the potential to expose sensitive receptors to substantial pollutant concentrations. Development of the proposed project would be subject to the same general mitigation measures identified and analyzed in the Downtown Plan FEIR, specifically AQ-4(a), which requires a project-level health risk assessment (HRA) for commercial land uses that accommodate more than 100 trucks per day within 1,000 feet of sensitive receptors. Development of the proposed project would also be subject to Downtown Plan FEIR Measure AQ-2, which requires implementation of measures to reduce motor vehicle trips and reduce other mobile emissions.

The SEIR will analyze project-specific construction and operational emissions and identify what, if any, further mitigation measures may be required to reduce air quality impacts, including those associated with the most recent air quality plans.

The project includes the demolition of the former Long Beach Courthouse. The Long Beach Courthouse Demolition Project Draft EIR determined that impacts related to construction emissions exceeding SCAQMD's daily regional and localized construction thresholds would be less than significant with implementation of mitigation involving the development and implementation of an Air Quality Safety Plan, if the demolition occurs by implosion.

#### **POTENTIALLY SIGNIFICANT IMPACT**

*d) Would the project expose sensitive receptors to substantial pollutant concentrations?*

The Downtown Plan FEIR determined that implementation of the Downtown Plan would result in the exposure of receptors to short- and long-term emissions of Toxic Air Contaminants (TACs) from onsite and offsite stationary and mobile sources. Impacts associated with the Port of Long Beach and offsite stationary sources were determined to be significant and unavoidable, while impacts related to short-term construction, long-term onsite stationary sources, and offsite mobile-sources were determined to be less than significant. The proposed project would be subject to the same general mitigation measures identified in the Downtown Plan FEIR,



specifically AQ-4(a) and AQ-4(b), which require location of TAC emitters away from existing and proposed onsite receptors; implementation of idle-reduction strategies for diesel trucks; posting of signs; and other measures specific to both TAC generators and TAC receptors to reduce risks to sensitive receptors. The SEIR will analyze construction and operational emissions of TACs and determine what, if any, further mitigation measures may be available to reduce impacts to sensitive receptors.

The project includes the demolition of the former Long Beach Courthouse. The Long Beach Courthouse Demolition Project Draft EIR determined that impacts related to TAC emissions would be less than significant with implementation of mitigation involving the development and implementation of an Air Quality Safety Plan, if the demolition occurs by implosion.

**POTENTIALLY SIGNIFICANT IMPACT**

*e) Would the project create objectionable odors affecting a substantial number of people?*

As stated in the Downtown Plan FEIR, project construction activities associated with the development of onsite land uses could result in odorous emissions from diesel exhaust generated by construction equipment. However, because of the temporary nature of these emissions and the highly diffusive properties of diesel exhaust, nearby receptors would not be affected by diesel exhaust odors associated with project construction and the impact related to the Downtown Plan was determined to be less than significant. The proposed project would occur within the 25-year buildout assessed in the Downtown Plan FEIR and would not include any uses expected to generate odors outside of what was considered in the FEIR. Therefore, the Civic Center Project would not result in any new significant odor impacts to or increase the severity of significant odor impacts beyond those identified in the Downtown Plan FEIR. Further analysis of odor issues in the SEIR is not warranted.

**LESS THAN SIGNIFICANT IMPACT**

Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
--------------------------------------	--	------------------------------------	--------------

**IV. Biological Resources**

-- Would the project:

- a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?

<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
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#### IV. Biological Resources

-- Would the project:

b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

*a) Would the project have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?*

*b) Would the project have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?*

*c) Would the project have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?*



d) Would the project interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?

e) Would the project conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?

f) Would the project conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?

The City of Long Beach is a fully urbanized community that has been urbanized for over half a century. The Initial Study and FEIR for the Downtown Plan (June 29, 2009) determined that the Downtown Plan would not have any significant impacts on biological resources, as the area does not include any native biological resources or habitats, nor is it within the area of any adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan. The project area was included in this determination. The proposed project would involve the relocation of Lincoln Park, which would require the removal of vegetation. All vegetation within the park is ornamental landscaping that does not include native biological resources or habitats. Therefore, the Civic Center Project would not result in any significant impacts to biological resources or increase the severity of significant impacts to biological resources beyond those identified in the FEIR.

**LESS THAN SIGNIFICANT IMPACT**

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
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**V. Cultural Resources**

-- Would the project:

a) Cause a substantial adverse change in the significance of a historical resource as defined in §15064.5?	■	□	□	□
b) Cause a substantial adverse change in the significance of an archaeological resource as defined in §15064.5?	□	□	■	□
c) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	□	□	■	□
d) Disturb any human remains, including those interred outside of formal cemeteries?	□	□	■	□

a) Would the project cause a substantial adverse change in the significance of a historical resource as defined in §15064.5?



The Downtown Plan FEIR determined that the Downtown Plan would have a significant and unavoidable impact resulting from the potential redevelopment of properties that are eligible for listing on the National Register of Historic Places or the California Register of Historic Places, or that are determined eligible for listing as a City Landmark or Landmark District. The project would be subject to the same general mitigation measures identified in the FEIR, specifically CR-1(b), which outlines procedures to be followed prior to issuance of a demolition permit or building permit for alteration of any property listed in the Historic Survey Report, designated as a Historic Landmark, listed in the FEIR, or other property 45 years of age or older that was not previously determined by the Historic Survey Report to be ineligible for listing as a historic resource. The SEIR will analyze potential impacts to potential historic resources and determine what, if any, further mitigation measures may be required and available to reduce impacts to potential historic resources that may be affected by the proposed project.

The project includes the demolition of the former Long Beach Courthouse. The Long Beach Courthouse Demolition Project Draft EIR determined that impacts related to the significance of a historical resource would be significant and unavoidable despite implementation of required mitigation involving documentation of the courthouse in accordance with the general guidelines of Historic American Building Survey documentation.

#### **POTENTIALLY SIGNIFICANT IMPACT**

*b) Would the project cause a substantial adverse change in the significance of an archaeological resource as defined in §15064.5?*

*d) Would the project disturb any human remains, including those interred outside of formal cemeteries?*

The Downtown Plan FEIR determined that the Downtown Plan would have a significant but mitigable impact on archaeological resources. This determination was due to the fact that no surveys could be conducted prior to onset of demolition or other ground-disturbing activities. The project would be subject to the same general mitigation measures identified and analyzed in the FEIR, specifically CR-2(a) through CR-2(c), which require a qualified project archaeologist or archaeological monitor approved by the City to be present during excavation into native sediments; that the monitor shall also prepare a final report of any cultural resource finds; and that if human remains are encountered during excavation and grading activities, proper handling procedures shall be implemented, as regulated by the State Health and Safety Code. These measures apply to the currently proposed project and would reduce impacts to a less than significant level. Further analysis of these issues in the SEIR is not warranted.

The project includes the demolition of the former Long Beach Courthouse. The Long Beach Courthouse Demolition Project Draft EIR determined that impacts related to the significance of archaeological resources and disturbance of human remains would be less than significant with implementation of required mitigation involving archaeological monitoring during ground-disturbing activities and adherence to State of California Health and Safety Code Section 7050.5 in the event that human remains are discovered.

#### **LESS THAN SIGNIFICANT IMPACT**



c) *Would the project directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?*

The Downtown Plan FEIR determined that the Downtown Plan would have a significant but mitigable impact on paleontological resources. This determination was due to the fact that no surveys could be conducted prior to onset of demolition or other ground-disturbing activities. The project would be subject to the same general mitigation measures identified and analyzed in the FEIR, specifically CR-3(a) and CR-3(b), which require a qualified paleontologist approved by the City to be present during excavation into native sediments and that if a potential fossil is found, the paleontologist shall be allowed to temporarily divert or redirect excavation in the area and evaluate the find. CR-3(b) specifies further procedures for the handling of any fossils. These measures apply to the currently proposed project and would reduce impacts to a less than significant level. Further analysis of this issue in the SEIR is not warranted.

The project includes the demolition of the former Long Beach Courthouse. The Long Beach Courthouse Demolition Project Draft EIR determined that impacts related to the significance of paleontological resources would be less than significant with implementation of mitigation requiring paleontological monitoring during ground-disturbing activities that could potentially affect previously undisturbed Quaternary older paralic deposits at depths greater than five feet.

**LESS THAN SIGNIFICANT IMPACT**

	<b>Potentially Significant Impact</b>	<b>Potentially Significant Unless Mitigation Incorporated</b>	<b>Less than Significant Impact</b>	<b>No Impact</b>
<b>VI. Geology and Soils</b>				
-- Would the project:				
a) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:				
i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ii) Strong seismic ground shaking?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
iii) Seismic-related ground failure, including liquefaction?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
iv) Landslides?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Result in substantial soil erosion or the loss of topsoil?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>



	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
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### VI. Geology and Soils

-- Would the project:

c) Be located on a geologic unit or soil that is unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Be located on expansive soil, as defined in Table 1-B of the Uniform Building Code, creating substantial risks to life or property?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e) Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

The Initial Study for the Downtown Plan determined that the relatively level site conditions and extent of developed lands in the Downtown Plan area would avoid potential impacts associated with landslides, soil erosion, or loss of topsoil, and also determined that all development in the Downtown Plan area would be served by the City's sewage disposal system. Therefore, items a.iv), b), and e) listed above were determined not to apply to the Downtown Plan, nor would they apply to the proposed project, as the project area was included in the area analyzed in the FEIR.

*a.i) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault?*

*a.ii) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving strong seismic ground shaking?*

As described in the Downtown Plan FEIR, the Newport-Inglewood Fault Zone, which is mapped as an Alquist-Priolo Earthquake Fault Zone, is located within approximately two miles of the Downtown Plan area. Several other fault zones located within approximately five to 30 miles also have the potential to impact the area. Therefore, impacts related to seismically induced ground shaking were determined to be significant but mitigable. The project would be subject to the same general mitigation measures identified in the FEIR, specifically Geo-1, which requires that new construction or structural remodeling of buildings be engineered to withstand the expected ground acceleration that may occur at the site. The measure also required that onsite structures comply with applicable provisions of the most recent Uniform Building Code (UBC) adopted by the City of Long Beach. It was determined that this measure would reduce



impacts to a less than significant level for all projects within the Downtown Plan area. With compliance with this measure, the Civic Center Project would not result in any new significant impacts related to Alquist-Priolo Earthquake Fault Zones or seismic ground shaking or increase the severity of significant impacts related to Alquist-Priolo Earthquake Fault Zones or seismic ground shaking beyond those identified in the FEIR. As such, further analysis of these issues in the SEIR is not warranted.

**LESS THAN SIGNIFICANT IMPACT**

*a.iii) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving seismic-related ground failure, including liquefaction?*

The Downtown Plan FEIR determined that seismic activity could induce ground shaking that results in liquefaction and this impact would be significant but mitigable. FEIR Measure Geo-2 requires that for any project involving a subterranean level, prior to issuance of a building permit for new structures, the City shall determine whether a comprehensive geotechnical investigation and geo-engineering study shall be completed. Adherence to this measure, which includes potential engineering measures to reduce liquefaction impacts, would ensure that impacts related to the proposed project would also be less than significant. Therefore, the Civic Center Project would not result in any new significant liquefaction impacts or increase the severity of significant liquefaction impacts beyond those identified in the Downtown Plan FEIR. Further analysis of this issue in the SEIR is not warranted.

**LESS THAN SIGNIFICANT IMPACT**

*c) Would the project be located on a geologic unit or soil that is unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse?*

*d) Would the project be located on expansive soil, as defined in Table 1-B of the Uniform Building Code, creating substantial risks to life or property?*

The Downtown Plan FEIR determined that the potential exists within the Downtown Plan area to encounter expansive soils or soils that are unstable or would become unstable as a result of new development. This could result in onsite or offsite lateral spreading or subsidence. The project would be subject to the same general mitigation measures identified and analyzed in the FEIR, specifically Geo-3, which requires that the City Department of Development Services determine the need for soil samples of final sub-grade areas and excavation sidewalls to be collected and analyzed for their expansion index. Implementation of this mitigation measure and any further engineering required, based on the City's determination, as described in Geo-3, would reduce project impacts to a less than significant level. Therefore, the Civic Center Project would not result in any new significant impacts related to expansive soils, lateral spreading, or subsidence or increase the severity of significant impacts related to expansive soils, lateral spreading, or subsidence beyond those identified in the Downtown Plan FEIR. Further analysis of this issue in the SEIR is not warranted.

**LESS THAN SIGNIFICANT IMPACT**



	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
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**VII. Greenhouse Gas Emissions**

-- Would the project:

a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	■	□	□	□
b) Conflict with any applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	■	□	□	□

Gases that trap heat in the atmosphere are often called greenhouse gases (GHGs), analogous to the way in which a greenhouse retains heat. Common GHG include water vapor, carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>), nitrous oxides (N<sub>2</sub>O<sub>x</sub>), fluorinated gases, and ozone. GHGs are emitted by both natural processes and human activities. Of these gases, CO<sub>2</sub> and CH<sub>4</sub> are emitted in the greatest quantities from human activities. Emissions of CO<sub>2</sub> are largely by-products of fossil fuel combustion, whereas CH<sub>4</sub> results from off-gassing associated with agricultural practices and landfills. Man-made GHGs, many of which have greater heat-absorption potential than CO<sub>2</sub>, include fluorinated gases, such as hydrofluorocarbons (HFCs), perfluorocarbons (PFC), and sulfur hexafluoride (SF<sub>6</sub>) (Cal EPA, 2006).

The accumulation of GHGs in the atmosphere regulates the Earth’s temperature. Without the natural heat trapping effect of GHGs, Earth’s surface would be about 34° C cooler (Cal EPA, 2006). However, it is believed that emissions from human activities, particularly the consumption of fossil fuels for electricity production and transportation, have elevated the concentration of these gases in the atmosphere beyond the level of naturally occurring concentrations.

Pursuant to the requirements of SB 97, the Resources Agency adopted amendments to the *CEQA Guidelines* for the feasible mitigation of GHG emissions and analysis of the effects of GHG emissions. The adopted *CEQA Guidelines* provide regulatory guidance on the analysis and mitigation of GHG emissions in CEQA documents, while giving lead agencies the discretion to set quantitative or qualitative thresholds for the assessment and mitigation of GHGs and climate change impacts.

*a) Would the project generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?*

*b) Would the project conflict with any applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases?*

The Downtown Plan FEIR determined that construction activities associated with full buildout of the Downtown Plan would result in the generation of GHG emissions that would cause a



significant and unavoidable impact. The project would contribute to this impact, as it would generate GHG emissions through the burning of fossil fuels or other GHG emissions during construction, creating temporary emissions, including on-site stationary emissions and off-site mobile emissions. The project would be subject to the mitigation measures identified and analyzed in the FEIR, specifically, GHG-1(a) and GHG-1(b), which requires that project applicant(s) obtain the most current list of construction-related GHG-reduction measures recommended by the City and/or SCAQMD and stipulate that these measures be implemented. Emissions estimates from construction may be lower than predicted due to increased efficiency in technology since the FEIR was adopted. The SEIR will determine the approximate amount of GHG emissions that would be generated by construction, as well as the appropriate local City or SCAQMD measures that would reduce these emissions.

The Downtown Plan FEIR determined that operation of uses facilitated by the Downtown Plan would also result in generation of GHG emissions that would cause a significant and unavoidable impact. Mitigation GHG-2(a) and GHG-2(b) would reduce these operational impacts to the extent feasible and would be applicable to the proposed project. The proposed project would be required to implement energy efficiency, water efficiency, solid waste reduction, mobile strategies, and other measures to reduce GHG emissions. Emissions estimates from operation may also be lower than predicted due to increased efficiency in technology since the FEIR was adopted. Because the specific buildings and improvements associated with the proposed project were not analyzed in the FEIR, the SEIR will analyze project-specific emissions and determine what, if any, further mitigation measures may be required to reduce GHG impacts. The SEIR will also analyze the proposed project's consistency with Assembly Bill 32 and other GHG reduction strategies.

The project includes the demolition of the former Long Beach Courthouse. The Long Beach Courthouse Demolition Project Draft EIR determined that the demolition would not generate significant GHG emissions, and would not interfere with State, regional, or climate change plans, policies, or regulations. Impacts of the demolition project were determined to be less than significant.

**POTENTIALLY SIGNIFICANT IMPACT**

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
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**VIII. Hazards and Hazardous Materials**

-- Would the project:

- a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?

<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
<b>VIII. Hazards and Hazardous Materials</b>				
-- Would the project:				
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within ¼ mile of an existing or proposed school?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Be located on a site which is included on a list of hazardous material sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
g) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
h) Expose people or structures to a significant risk of loss, injury, or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

As discussed in the Initial Study for the Downtown Plan, the nearest boundary of the Downtown Plan area is located approximately three miles from the nearest airport/airstrip; the Downtown Plan would maintain accessibility required by any adopted emergency response plan or emergency evacuation plan; and the Downtown Plan area does not contain wildlands nor is it adjacent to wildlands. Therefore, criteria e), f), g), and h) listed above were determined



not to apply to the Downtown Plan. The same criteria are not applicable to the proposed project, based on its location within the Downtown Plan area.

*a) Would the project create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?*

*b) Would the project create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?*

*c) Would the project emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within ¼ mile of an existing or proposed school?*

*d) Would the project be located on a site which is included on a list of hazardous material sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?*

The Downtown Plan FEIR determined that the types of commercial and residential land uses envisioned for the Downtown Plan would not typically contain businesses involved in transport, use, or disposal of substantial quantities of hazardous materials. Impacts were determined to be significant but mitigable. Measures Haz-1(a) through Haz-1(c) would apply to the proposed project. These measures would ensure that demolition and renovation of buildings potentially containing asbestos and lead-based paints and materials would avoid potential onsite impacts to construction workers as well as impacts from the release of hazardous materials from construction sites near residences, schools, or other properties. Surveys and proper handling procedures would be implemented prior to issuance of any demolition or renovation permits.

The Downtown Plan FEIR also determined that historic activity involving industrial uses and storage of potentially hazardous materials may have contaminated onsite soils and/or groundwater quality. This potential impact was significant but mitigable for the Downtown Plan and measures Haz-3(a) through Haz-3(d) would apply to the proposed project. All excavation and demolition projects conducted as part of the proposed project would be required to include contingency plans to be followed if contaminants are found or suspected, and appropriate sampling and remediation of soil and water must be completed. This would ensure that impacts would be reduced to a less than significant level. Therefore, the Civic Center Project would not result in any new significant impacts related to hazards and hazardous materials or increase the severity of significant impacts related to hazards and hazardous materials beyond those identified in the Downtown Plan FEIR.

#### **LESS THAN SIGNIFICANT IMPACT**



	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
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**IX. Hydrology and Water Quality**

-- Would the project:

a) Violate any water quality standards or waste discharge requirements?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on- or off-site?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Substantially alter the existing drainage pattern of the site or area, including the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e) Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f) Otherwise substantially degrade water quality?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g) Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
h) Place within a 100-year flood hazard area structures which would impede or redirect flood flows?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>



	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
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**IX. Hydrology and Water Quality**

-- Would the project:

i) Expose people or structures to a significant risk of loss, injury, or death involving flooding, including flooding as a result of the failure of a levee or dam?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
j) Result in inundation by seiche, tsunami, or mudflow?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

The Initial Study for the Downtown Plan determined that the City of Long Beach and the Federal Emergency Management Agency Flood Insurance Rate maps show that the Downtown Plan area is not within the 100-year flood zone. There have not been any changes to these maps since the FEIR was adopted. In addition, there are no dams or levees in the vicinity of the area, nor are there any landlocked water bodies where impacts from a seiche could occur. The area is also protected from inundation from a tsunami by its elevation approximately 30 feet above mean sea level. Therefore, criteria g), h), i), and j), listed above would not apply to the Downtown Plan or the proposed project, which is located within the area analyzed under the Downtown Plan. Criteria b) is discussed in Section XVII below.

*a) Would the project violate any water quality standards or waste discharge requirements?*

*f) Would the project otherwise substantially degrade water quality?*

The Downtown Plan FEIR determined that construction activities associated with development of the Downtown Plan could result in discharge of urban pollutants into the City drainage system. This determination included impacts associated with construction of the proposed project and the impacts were determined to be significant but mitigable. Measure Hydro-1 from the FEIR would apply to the proposed project and would require that prior to issuance of a grading permit, a determination will be made regarding the necessity of a Storm Water Pollution Prevention Plan (SWPPP). Implementation of this measure and development of a SWPPP, if required, would reduce project-related impacts to water quality to a less than significant level. Therefore, the Civic Center Project would not result in any new significant impacts related to water quality or increase the severity of significant impacts related to water quality beyond those identified in the Downtown Plan FEIR.

**LESS THAN SIGNIFICANT IMPACT**

*c) Would the project substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on- or off-site?*



*d) Would the project substantially alter the existing drainage pattern of the site or area, including the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site?*

The Downtown Plan FEIR determined that development of the Downtown Plan would generate urban pollutants and could also result in an increase in impervious surfaces. Impacts associated with these changes would be mitigated to a less than significant level with implementation of FEIR Measure Hydro-2, which would be applicable to the proposed project. The measure requires the Department of Development Services to determine the necessity for a Standard Urban Stormwater Mitigation Plan (SUSMP) to be developed for the proposed project and, if necessary, for the development of one to be completed. The measures included in the FEIR, as well as new, more stringent municipal separate storm sewer system (MS4s) requirements, which have been adopted since 2010, would apply to the Civic Center Project. The new MS4 requirements include Order No. R4-2014-0024 from the California Regional Water Quality Control Board for the Los Angeles Region, which covers all areas within Long Beach boundaries that drain into the MS4 with the objective of ensuring that discharges from the MS4 comply with water quality standards, including protecting the beneficial uses of receiving waters. The Order requires that permittees (the City of Long Beach) shall implement a Planning and Land Development Program pursuant to part VII.J for all new development, including smart growth practices, compact development, and Best Management Practices. A Public Information and Participation Program (PIPP), including public reporting and outreach and education are also required by the Order. Integrated Water Quality/ Flow Reduction/Resources Management Criteria would be applied to the proposed project. The new requirements, as well as the other permitting requirements, would ensure that the Civic Center Project would not result in any new significant impacts related to drainage patterns or increase the severity of significant impacts related to drainage patterns beyond those identified in the Downtown Plan FEIR.

**LESS THAN SIGNIFICANT IMPACT**

*e) Would the project create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?*

The Downtown Plan FEIR determined that the increased intensity of land use associated with the Downtown Plan could increase the volume of stormwater discharges into existing storm drain infrastructure. Impacts to storm drain infrastructure were determined to be significant but mitigable. FEIR Measure Hydro-3 would apply to the proposed project and requires that prior to issuance of a building permit, a determination must be made regarding the necessity of a drainage system analysis and/or Low Impact Development practices and strategies. This measure would reduce impacts from potentially increased volumes of stormwater discharges to a less than significant level for all projects within the Downtown Plan area. Therefore, the Civic Center Project would not result in any new significant impacts related to stormwater discharge or increase the severity of significant impacts related to stormwater discharge beyond those identified in the Downtown Plan FEIR.

**LESS THAN SIGNIFICANT IMPACT**



	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
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### X. Land Use and Planning

-- Would the project:

a) Physically divide an established community?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Conflict with an applicable habitat conservation plan or natural community conservation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

a) *Would the project physically divide an established community?*

As concluded in the Initial Study for the Downtown Plan, the Downtown Plan area, including the proposed project site, is currently urbanized with street and circulation patterns that would not be altered by the Downtown Plan. The Downtown Plan would not have the potential to physically divide an established community. Therefore, the Civic Center Project would not result in any new significant impacts related to physically dividing an established community or increase the severity of significant impacts related to physically dividing an established community beyond those identified in the Downtown Plan FEIR.

#### **NO IMPACT**

b) *Would the project conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?*

The Downtown Plan FEIR determined that implementation of the Downtown Plan would have a less than significant impact with regard to conflicts with land use plans, policies, or regulations. Development would be consistent with the Long Beach General Plan. The proposed project would be consistent with the Downtown Plan. All uses planned for the project are consistent with current zoning (Planned Development). The only zoning actions necessary for the project would be to make application for a general plan conformity finding and for a conditional use permit for the New Main Library. Therefore, the Civic Center Project would not result in any new significant impacts related to land use policies or increase the severity of significant impacts related to land use policies beyond those identified in the Downtown Plan FEIR.



**LESS THAN SIGNIFICANT IMPACT**

*c) Would the project conflict with an applicable habitat conservation plan or natural community conservation plan?*

As concluded in the Initial Study of the Downtown Plan, the Downtown Plan area, including the project site, is not located within an area governed by a habitat conservation plan or natural community conservation plan. The Downtown Plan would not have the potential to impact any such plan. Therefore, the Civic Center Project, which is located within the area analyzed as part of the Downtown Plan, would not result in any new significant impacts related to a habitat conservation plan or natural community conservation plan or increase the severity of significant impacts related to such a plan beyond those identified in the Downtown Plan FEIR.

**LESS THAN SIGNIFICANT IMPACT**

	<b>Potentially Significant Impact</b>	<b>Potentially Significant Unless Mitigation Incorporated</b>	<b>Less than Significant Impact</b>	<b>No Impact</b>
<b>XI. Mineral Resources</b>				
-- Would the project:				
a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan, or other land use plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

*a) Would the project result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?*

*b) Would the project result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan, or other land use plan?*

The Initial Study for the Downtown Plan determined that the Downtown Plan would not have any significant irreversible impacts on mineral resources, as the area does not include mineral resource sites designated on any City land use plan. The proposed project is located within the area analyzed in the Initial Study for the Downtown Plan and no new mineral resources sites have been designated since the Downtown Plan’s adoption. Therefore, the Civic Center Project would not result in any new significant impacts to mineral resources or increase the severity of significant impacts related to mineral resources beyond those identified in the Downtown FEIR.

**NO IMPACT**



	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
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## XII. Noise

-- Would the project result in:

- |   |   |   |   |   |
|---|---|---|---|---|
| a) Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?   | ■ | □ | □ | □ |
| b) Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?   | ■ | □ | □ | □ |
| c) A substantial permanent increase in ambient noise levels above levels existing without the project?  | ■ | □ | □ | □ |
| d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?  | ■ | □ | □ | □ |
| e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels? | □ | □ | □ | ■ |
| f) For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise?   | □ | □ | □ | ■ |

Noise is defined as unwanted sound that disturbs human activity. Environmental noise levels typically fluctuate over time, and different types of noise descriptors are used to account for this variability. Noise level measurements include intensity, frequency, and duration, as well as time of occurrence. Noise level (or volume) is generally measured in decibels (dB) using the A-weighted sound pressure level (dBA).

Some land uses are considered more sensitive to ambient noise levels than other uses due to the amount of noise exposure and the types of activities involved. Residences, motels, hotels, schools, libraries, churches, nursing homes, auditoriums, parks and outdoor recreation areas are more sensitive to noise than are commercial and industrial land uses.

The City of Long Beach uses the State Noise/Land Use Compatibility Standards, which suggests a desirable exterior noise exposure at 65 dBA Community Noise Equivalent Level (CNEL) for sensitive land uses such as residences. Less sensitive commercial and industrial uses



may be compatible with ambient noise levels up to 70 dBA. The City of Long Beach has adopted a Noise Ordinance (Long Beach Municipal Code Chapter 8.80) that sets exterior and interior noise standards.

Vibration is a unique form of noise. It is unique because its energy is carried through buildings, structures, and the ground, whereas noise is simply carried through the air. Thus, vibration is generally felt rather than heard. Some vibration effects can be caused by noise; e.g., the rattling of windows from passing trucks. This phenomenon is caused by the coupling of the acoustic energy at frequencies that are close to the resonant frequency of the material being vibrated. Typically, groundborne vibration generated by manmade activities attenuates rapidly as distance from the source of the vibration increases. The ground motion caused by vibration is measured as particle velocity in inches per second and is referenced as vibration decibels (VdB) in the U.S.

*a) Would the project result in exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?*

*c) Would the project result in a substantial permanent increase in ambient noise levels above levels existing without the project?*

*d) Would the project result in a substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?*

The Downtown Plan FEIR determined that construction noise impacts associated with the Downtown Plan would be significant but mitigable because Plan implementation would expose businesses and residences throughout the Plan area to temporary elevated levels of noise throughout years of construction. The project would be subject to the mitigation measures identified in the FEIR, specifically Noise-1(a), which required noise reduction techniques such as equipment mufflers, “quiet” construction equipment models, prohibition of idling, and routing of construction-related traffic, as well as Noise-1(b), which requires the construction of temporary noise barriers and a project-specific noise analysis to determine further necessary noise reduction techniques. The SEIR will analyze site-specific impacts associated with the proposed project and identify additional mitigation that may be needed for construction noise.

The Downtown Plan FEIR determined that operational noise associated with traffic generated by the Downtown Plan would be less than significant, but that traffic noise and land use compatibility impacts would be significant but mitigable. Operation of the proposed project would generate traffic and would locate sensitive receptors, including residences, in areas that could be exposed to levels of noise that exceed applicable standards. The project would be subject to the mitigation measures identified in the FEIR, specifically Noise-5, which required that in areas where new residential development would be exposed to noise levels exceeding 65 dBA, a site-specific noise study be conducted. Therefore, the SEIR will include a site-specific noise analysis to determine land use and noise compatibility and identify additional mitigation as appropriate.

The project includes the demolition of the former Long Beach Courthouse. The Long Beach Courthouse Demolition Project Draft EIR determined that impacts related to noise and vibration would be significant and unavoidable despite implementation of mitigation involving



the erection of temporary sound barriers, installation of mufflers, use of electric equipment, and the establishment of a noise disturbance coordinator. If demolition occurs by implosion, required mitigation requires the development and approval of a Noise Control Plan and a Vibration Control Plan to protect human health and adjacent buildings.

**POTENTIALLY SIGNIFICANT IMPACT**

*b) Would the project result in exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?*

The FEIR determined that construction of the Downtown Plan would include vibration sources, including pile driving, which would result in a significant and unavoidable impact. The project would be subject to FEIR Measure Noise-2(a), which requires a site-specific vibration study for all construction projects in order to determine the area of impact and identify appropriate mitigation measures. Therefore, project-specific vibration impacts will be analyzed in the SEIR and additional mitigation will be developed as appropriate.

**POTENTIALLY SIGNIFICANT IMPACT**

*e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?*

*f) For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise?*

The Initial Study for the Downtown Plan determined that the Downtown Plan area is further than two miles from the Long Beach Airport and that there would be no impact associated with public or private airports. The Civic Center Project is located within the Downtown Plan area and is also greater than two miles from the Long Beach Airport. Therefore, the proposed project would not result in any new significant noise impacts related to airport or increase the severity of significant noise impacts related to airports beyond those identified in the Downtown Plan FEIR.

**NO IMPACT**

	<b>Potentially Significant Impact</b>	<b>Potentially Significant Unless Mitigation Incorporated</b>	<b>Less than Significant Impact</b>	<b>No Impact</b>
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**XIII. Population and Housing**

-- Would the project:

a) Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?

<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
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**XIII. Population and Housing**

-- Would the project:

b) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

*a) Would the project induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?*

The Downtown Plan FEIR determined that because the Downtown Plan was intended to accommodate substantial population growth in the Downtown area, population growth impacts would be significant and unavoidable. Development of the proposed project, including the population growth that it would generate by creating employment opportunities and adding a residential building, would be within the growth forecasts in the Downtown Plan, which included 14,500 new residents and 5,200 jobs. Therefore, the Civic Center Project would not result in any new significant population growth impacts or increase the severity of significant population growth impacts beyond those identified in the Downtown Plan FEIR.

**LESS THAN SIGNIFICANT IMPACT**

*b) Would the project displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?*

*c) Would the project displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?*

The Downtown Plan FEIR determined that development of the Downtown Plan would result in the displacement of substantial numbers of housing and people, which could create a need for construction of housing elsewhere. It was determined that this impact would be significant and unavoidable. Development of the proposed project would not involve the displacement of any existing housing or people. It would create additional residential units in three buildings. Therefore, the Civic Center Project would not result in any new significant impacts related to the displacement of people or housing or increase the severity of significant impacts related to the displacement of people or housing beyond those identified in the Downtown Plan FEIR.

**LESS THAN SIGNIFICANT IMPACT**



	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
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**XIV. Public Services**

a) Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, or the need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:

i) Fire protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ii) Police protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
iii) Schools?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
iv) Parks?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
v) Other public facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

*a.i) Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, or the need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for fire protection?*

Fire protection is provided by the Long Beach Fire Department (LBFD). The Downtown Plan FEIR determined that the Downtown Plan would incrementally increase demands on the LBFD but that this increase would not require the construction of new fire protection facilities. The proposed project is within the growth forecast considered in the Downtown Plan. Therefore, the Civic Center Project would not result in any new significant impacts to fire protection services or increase the severity of significant impacts to fire protection services beyond those identified in the Downtown Plan FEIR.

**LESS THAN SIGNIFICANT IMPACT**

*a.ii) Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, or the need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for police protection?*



Police protection is provided by the Long Beach Police Department (LBPd). The Downtown Plan FEIR determined that the Downtown Plan would incrementally increase demands on the LBPd and that this increase would have the potential to require the expansion or replacement of existing facilities. However, the potential impact from construction of such facilities was determined to be similar to the impact from construction of other development facilitated by the Downtown Plan and therefore would be less than significant. The proposed project is within the growth forecast considered in the Downtown Plan. Therefore, the Civic Center Project would not result in any new significant impacts to police protection services or increase the severity of significant impacts to police protection services beyond those identified in the Downtown Plan FEIR.

#### **LESS THAN SIGNIFICANT IMPACT**

*a.iii) Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, or the need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for schools?*

The Downtown Plan FEIR determined that the Downtown Plan would generate an estimated 670 school-age students and that while this could adversely affect schools, payment of the required school impacts fees would reduce this impact to a less than significant level. The proposed project is within the growth forecast considered as part of the Downtown Plan. The project would be required pay school impact fees. Under Section 65996 of the California Government Code, the payment of such fees is deemed to fully mitigate the impacts of new development on school facilities. Therefore, the Civic Center Project would not result in any new significant impacts to schools or increase the severity of significant impacts to schools beyond those identified in the Downtown Plan FEIR.

#### **LESS THAN SIGNIFICANT IMPACT**

*a.iv) Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, or the need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for parks?*

The Downtown Plan FEIR determined that the Downtown Plan would have a significant and unavoidable impact on parks. Although applicants for residential development projects would be required to pay park and recreation facilities in-lieu fees, it would not be feasible to meet the City standard for parkland acreage per 1,000 residents. The proposed project includes residential development that as a condition of approval would be required to pay in-lieu fees. The project also includes the relocation of Lincoln Park, which would be constructed in place of the existing Main Library, the environmental impacts of which will be considered in the SEIR. Therefore, the Civic Center Project would not result in any new significant impacts to parks or increase the severity of significant impacts to parks beyond those identified in the FEIR.

#### **LESS THAN SIGNIFICANT IMPACT**



*a.v) Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, or the need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for other public facilities?*

Buildout of the Downtown Plan was determined to have the potential to incrementally increase demand for library services in the City, and cause demands for library services to exceed the capacity of the Main Library and at branch libraries that serve the Downtown Plan area. Expansion of the Main Library or development of an additional branch library to serve the Downtown Plan area may be necessary during the life of the plan. However, the potential impact from construction of new library facilities was found to be similar to the impact from construction of development as analyzed in the Downtown Plan FEIR and would therefore be less than significant. The proposed project may generate additional demand on libraries. It also includes development of a new Main Library, and these expanded facilities may serve the additional population. Environmental impacts related to the development of Main Library will be considered in the SEIR as part of the proposed project. Therefore, the Civic Center Project would not result in any new significant impacts to libraries or other public facilities or increase the severity of significant impacts to libraries or other public facilities beyond those identified in the Downtown Plan FEIR.

**LESS THAN SIGNIFICANT IMPACT**

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
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**XV. Recreation**

a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

*a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?*

*b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?*

The City of Long Beach owns and operates approximately 3,100 acres of public land for recreation, including community parks, neighborhood parks, sports parks, open spaces,



beaches, community centers, and marinas. While Recreation impacts were not specifically addressed within the Downtown Plan FEIR, impacts to parks and recreational facilities were discussed in the FEIR Public Services section. Please see Section XIV(a.iv) above for discussion.

**LESS THAN SIGNIFICANT IMPACT**

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
<b>XVI. Transportation/Traffic</b>				
-- Would the project:				
a) Conflict with an applicable plan, ordinance or policy establishing a measure of effectiveness for the performance of the circulation system, taking into account all modes of transportation, including mass transit and non-motorized travel and relevant components of the circulation system, including but not limited to intersections, streets, highways, and freeways, pedestrian and bicycle paths, and mass transit?	■	□	□	□
b) Conflict with an applicable congestion management program, including, but not limited to level of service standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways?	■	□	□	□
c) Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?	□	□	□	■
d) Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible use (e.g., farm equipment)?	■	□	□	□
e) Result in inadequate emergency access?	□	□	■	□
f) Conflict with adopted policies, plans, or programs regarding public transit, bikeways, or pedestrian facilities, or otherwise substantially decrease the performance or safety of such facilities?	□	□	■	□

*a) Would the project conflict with an applicable plan, ordinance or policy establishing a measure of effectiveness for the performance of the circulation system, taking into account all modes of transportation, including mass transit and non-motorized travel and relevant components of the*



*circulation system, including but not limited to intersections, streets, highways, and freeways, pedestrian and bicycle paths, and mass transit?*

*b) Would the project conflict with an applicable congestion management program, including, but not limited to level of service standards and travel demand measures, or other standards established by the county congestion management agency for designated roads or highways?*

The Congestion Management Program (CMP) for Los Angeles County requires that the traffic impact of individual development projects of potential regional significant be analyzed. A significant impact would occur when the proposed project increases traffic demand on a CMP facility by two percent of capacity, causing LOS F. If the facility is already at LOS F, a significant impact occurs when the proposed project increases traffic demand on a CMP facility by two percent of capacity. Construction of the proposed project would generate temporary construction-related traffic such as deliveries of equipment and materials to the project site and construction worker traffic. The project would also generate traffic during its operation. The Downtown Plan FEIR determined that the Downtown Plan would result in significant impacts at 16 intersections and would result in a significant and unavoidable impact. The impact of construction and operational traffic for the proposed project will be analyzed in the SEIR and additional project-specific mitigation will be developed as appropriate.

The project includes the demolition of the former Long Beach Courthouse. The Long Beach Courthouse Demolition Project Draft EIR determined that impacts related to conflicts with applicable plans and a CMP would be less than significant with implementation of mitigation involving the development of a Construction Management Plan.

#### **POTENTIALLY SIGNIFICANT IMPACT**

*c) Would the project result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?*

The Initial Study for the Downtown Plan determined that the Plan would not result in a change in air traffic patterns. The proposed project is within the parameters of the Downtown Plan and included in the area analyzed by the Initial Study. Therefore, the Civic Center Project would not result in any new significant impacts related to air traffic patterns or increase the severity of significant impacts to air traffic patterns beyond those identified in the Downtown Plan FEIR.

#### **NO IMPACT**

*d) Would the project substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible use (e.g., farm equipment)?*

The Downtown FEIR determined that the Downtown Plan would not result in any significant impacts related to design hazards. Construction of the proposed project would generate temporary construction-related traffic such as deliveries of equipment and materials to the project site and construction worker traffic. The project would also generate traffic during its operation. This traffic and the proposed changes to the circulation system would have the potential to increase hazards due to design features. This impact will be analyzed in the Downtown Plan SEIR.



**POTENTIALLY SIGNIFICANT IMPACT**

e) *Would the project result in inadequate emergency access?*

The Downtown Plan FEIR determined that impacts related to emergency access would be less than significant because the Downtown Plan would not alter through-traffic operations for emergency vehicles or eliminate existing roads or cause more circuitous access conditions. The proposed project is within the parameters of the Downtown Plan. Therefore, the Civic Center Project would not result in any new significant impacts to emergency access or increase the severity of significant impacts to emergency access beyond those identified in the Downtown Plan FEIR.

**LESS THAN SIGNIFICANT IMPACT**

f) *Would the project conflict with adopted policies, plans, or programs regarding public transit, bikeways, or pedestrian facilities, or otherwise substantially decrease the performance or safety of such facilities?*

The Downtown Plan FEIR determined that the Downtown Plan would have no impact with regard to an adopted alternative transportation plan. The proposed project is within the parameters of the Downtown Plan. Therefore, the Civic Center Project would not result in any new significant impacts to alternative transportation plans or increase the severity of significant impacts to alternative transportation plans beyond those identified in the FEIR.

**LESS THAN SIGNIFICANT IMPACT**

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
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**XVII. Utilities and Service Systems**

-- Would the project:

a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>



	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
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**XVII. Utilities and Service Systems**

-- Would the project:

- |   |                          |                          |                                     |                          |
|---|--------------------------|--------------------------|-------------------------------------|--------------------------|
| d) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| e) Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| f) Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?  | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| g) Comply with federal, state, and local statutes and regulations related to solid waste?   | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

*a) Would the project exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?*

*b) Would the project require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?*

*e) Would the project result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?*

The Downtown Plan FEIR determined that buildout of the Downtown Plan would incrementally increase wastewater treatment demand in the City. Wastewater treatment services would be supplied to the proposed project through the Sanitation Districts of Los Angeles County (LACSD). Currently, a majority of the City's wastewater is delivered to the Joint Water Pollution Control Plant (JWPCP) of the LACSD. The remaining portion of the City's wastewater is delivered to the Long Beach Water Reclamation Plant (WRP) of the LACSD.

The JWPCP has a design capacity of 400 million gallons per day (mgd). (LACSD, website, March 2015). The Long Beach WRP provides primary, secondary and tertiary treatment for 25 mgd of wastewater. Buildout of the Downtown Plan would increase average wastewater flow by approximately 1.834 million gallons/day (mgd), which is within the capacity of the existing



wastewater treatment system. Treatment infrastructure serving the City has sufficient excess capacity to meet anticipated peak flow demands. Therefore, the impact on wastewater was determined to be less than significant. The proposed project would implement the Downtown Plan and its wastewater treatment demand was accounted for in the Downtown Plan FEIR. Therefore, no new impacts would occur and further analysis of these issues in the SEIR is not warranted.

#### **LESS THAN SIGNIFICANT IMPACT**

*c) Would the project require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?*

Please see Section IX, *Hydrology and Water Quality*, for discussion of potential project impacts to the City's storm drain system.

#### **LESS THAN SIGNIFICANT IMPACT**

*d) Would the project have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?*

Water for the Long Beach service area is supplied by groundwater, imported water, and reclaimed wastewater. Buildout of the Downtown Plan would incrementally increase water demand in the City. However, Long Beach Water Department (LBWD) water supplies were determined to be sufficient to meet the projected demand based on the FEIR. Therefore, the impact on water supply and demand was determined to be less than significant. All projects built within the Downtown Plan would be required to comply with all applicable City ordinances and Best Management Practices pertaining to water conservation. These may include the use of water efficient plumbing fixtures, landscape water conservation, and payment of water demand mitigation fees (Downtown Plan FEIR, 2011). A Water Availability Assessment (WAA) for the Downtown Plan was prepared by the LBWD, and adopted by the Water Board on August 12, 2010. According to the WAA and the FEIR, LBWD extracts virtually all of its groundwater from the Central Basin, and it is reasonable to assume that no difficulties would be encountered extracting this groundwater through 2030 based on the following combination of factors:

- The Central Basin adjudication prevents over-drafting by imposing strict limits on extraction from the basin;
- The adjudication has imposed upon the Water Replenishment District of Southern California (WRD) the mandate to provide for the continual replenishment of the basin;
- WRD has fulfilled this mandate well, increasing the amount of water stored in the basin since the time of adjudication; and
- WRD is expected to continue to maintain the groundwater level in the basin in the future, given its mandate and access to resources, through the fee it imposes whenever water is extracted.

According to the Downtown Plan FEIR, development projects built within the Downtown Plan that conform to the provisions of the plan have been anticipated by the LBWD and would not be required to prepare a project-specific Water Availability/Supply Assessment during the



development review phase of project entitlement. This will be the case unless unanticipated water demand or significant changes in the circumstances or conditions affecting the availability of the public water system to provide sufficient supply of water for the proposed Project, as noted in the WAA. The recent drought has changed conditions affecting the availability of water in southern California.

In July 2014 and in response to recent drought conditions, the State Water Resources Control Board (SWRCB) adopted new water conservation regulations (Resolution 2014-0038), including select prohibitions for all water users and required actions for all water agencies. Local water agencies have responded with declarations that prohibit water users from filling pools and spas or restrict when or for how long users can irrigate landscaping. On February 27, 2014, the Long Beach Board of Water Commissioners declared an Imminent Water Supply Shortage for the City followed by a Stage 1 Water Supply Shortage on November 20, 2014 (LBWD, website, accessed March 18, 2015). The declarations prohibit the use of potable water for filling residential pools and spas and have restricted the days and durations during which residents can irrigate landscaping in order to conserve remaining water reserves. In February 2015, the Metropolitan Water District of Southern California (Metropolitan) reevaluated its water supplies and outlined scenarios that could require the agency to limit water deliveries by 5 to 10 percent by July 1, 2015 and prompt mandatory rationing during summer months. More recently, the California Department of Water Resources (DWR) announced that Metropolitan's 15 percent State Water Project allocation would be increased to 20 percent in 2015. Despite this anticipated increase, Metropolitan reiterated its commitment in March 2015 to carefully managing water supplies in case drought conditions continue to persist.

To increase water conservation, Metropolitan has implemented rebate programs to incentivize the use of water efficient fixtures and equipment for residences, businesses, industry, institutions, and large landscapes in southern California (Metropolitan, website, accessed March 9, 2015). Metropolitan's rebate programs include SoCalWater\$mart, which assists customers with installing high-efficiency toilets, clothes washers, plumbing fixtures, HVAC, sprinkler controllers, soil moisture sensors and more (Additional information at [www.socalwatersmart.com](http://www.socalwatersmart.com)). Metropolitan's Water Savings Incentive Program assists large water volume users in implementing large scale water saving projects, such as projects to overhaul industrial processes to increase water reuse or install valves and pumps to improve agricultural irrigation efficiency (Additional information at [http://bewaterwise.com/Water\\_Saving\\_Incentive\\_Program\\_Brochure\\_WEB.pdf](http://bewaterwise.com/Water_Saving_Incentive_Program_Brochure_WEB.pdf)). More water conservation resources and tips from Metropolitan and information on how Metropolitan is responding to the drought are available at [bewaterwise.com](http://bewaterwise.com).

As described above, the recent drought has led to restrictions on water use in southern California, increased incentives for water conservation, and the potential for water rationing during summer months. If MWD implements water rationing in the summer months, the proposed project would be required to comply with any additional restrictions on water use that the City implements, which may include additional restrictions on landscape irrigation and promotion of non-potable water use, such as grey water, as described in SWRCB's Resolution 2014-0038. Therefore, the Civic Center Project would not result in any new significant impacts to water supplies or increase the severity of significant impacts to water supplies beyond those identified in the Downtown Plan FEIR.



**LESS THAN SIGNIFICANT IMPACT**

f) Would the project be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?

g) Would the project comply with federal, state, and local statutes and regulations related to solid waste?

Buildout of the Downtown Plan would incrementally increase solid waste disposal treatment demand in the City. Based on LACSD's operation of the Mesquite Regional Landfill, which is permitted for up to 20,000 tons per day for approximately 100 years, adequate landfill capacity exists to accommodate solid waste disposal needs of buildout under the Downtown Plan. The Downtown Plan FEIR determined that impacts related to solid waste disposal would be significant but mitigable for the Downtown Plan. The project would be subject to the same general mitigation measures identified and analyzed in the FEIR, specifically Utilities-3(a) through Utilities-3(d), which require verification that construction waste disposal services recycle all demolition and construction-related waste, the provisioning of temporary waste separation bins onsite during demolition and construction, and the provisioning of recycling bins and educational materials during operation of the project to residential and commercial tenants. The FEIR determined that impacts related to solid waste would be significant but mitigable for implementation of the Downtown Plan. The proposed project is within the growth forecast considered in the Downtown Plan. Therefore, the Civic Center Project would not result in any new significant impacts related to solid waste or increase the severity of significant impacts related to solid waste beyond those identified in the Downtown Plan FEIR.

**LESS THAN SIGNIFICANT IMPACT**

Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
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**XVIII. Mandatory Findings of Significance**

- a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?

■	□	□	□
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	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less than Significant Impact	No Impact
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**XVIII. Mandatory Findings of Significance**

- b) Does the project have impacts that are individually limited, but cumulatively considerable? (“Cumulatively considerable” means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?
- c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?

	■	□	□	□
	■	□	□	□

*a) Does the project have the potential to substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?*

*b) Does the project have impacts that are individually limited, but cumulatively considerable? (“Cumulatively considerable” means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?*

*c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?*

As described in the sections above, the proposed project may generate impacts in the following areas: Aesthetics, Air Quality, Cultural Resources, Greenhouse Gas Emissions, Noise, and Transportation/Traffic. These issue areas as well as potential cumulative impacts will be evaluated in the SEIR and any feasible mitigation measures will be identified to avoid and/or reduce any significant impacts.

**POTENTIALLY SIGNIFICANT IMPACT**



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