

**PUBLIC REVIEW DRAFT**

**CARSON PARK MASTER PLAN  
IMPROVEMENT PROJECT  
INITIAL STUDY/MITIGATED  
NEGATIVE DECLARATION**

**Prepared for:**

**City of Carson  
701 East Carson Street  
Carson, CA 90745**

February 2011

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**Submitted to:**

**City of Carson  
701 East Carson Street  
Carson, CA 90745**

**Prepared by:**

**PSOMAS  
28480 Avenue Stanford, Suite 200  
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February 2011

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## **A. SUMMARY INFORMATION**

### **1. Project Title:**

Carson Park Master Plan Improvement Project

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

City of Carson  
701 East Carson Street  
Carson, CA 90745

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

Gilbert Marquez, Senior Civil Engineer  
(310) 952-1700 ext. 1813

### **4. Project Location:**

The proposed project would be located within existing Carson Park in the City of Carson. Carson Park is located at 21411 South Orrick Avenue in the City of Carson, in Los Angeles County. The project site is comprised of one parcel: Assessor's Parcel Number 7334-22-007. Carson Park is bordered by residential uses adjacent to Orrick Avenue to the east, 215<sup>th</sup> Street to the south, Main Street to the west and 213<sup>th</sup> and 214<sup>th</sup> Streets to the north. Carson Street Elementary School is adjacent to Carson Park at the southeast.

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

City of Carson  
701 East Carson Street  
Carson, CA 90745

### **6. General Plan Designation:**

Recreational Open Space

### **7. Zoning:**

Open Space

### **8. Description of Project:**

The proposed Carson Park improvements will be constructed within the boundary of the existing Carson Park and will include a new, 20,000 square foot recreation center that will replace a 7,500 square foot building. The new recreation center will impact one existing field and two outdoor basketball courts. The improvements will include reconstructing both ballfields with the addition of a soccer field overlay and a new basketball court. The eastern parking lot will be reconstructed and the park access will be modified to accommodate the new building. Landscaping and hardscape improvements, including a splash pad, small outdoor amphitheatre and a passive garden will also be included.

In addition, the improvements will include a new connection to 215<sup>th</sup> Street to the west, and park traffic will be able to access the Carson Street Elementary School parking lot, located south of the new recreation center. Completion of the project is anticipated in 2012. Refer to section B, Project Description, for more detail.



**9. Surrounding Land Use and Setting**

The Project Site – existing Carson Park- is located in a residential neighborhood in the City of Carson. Carson Park consists of approximately 10.9 acres of developed park land. The park consists of a pool and pool house to the west, two existing baseball fields towards the center, an existing activity building to the southeast, and a basketball court, children’s playground, passive park and picnic facilities to the west. There is a parking lot serving the pool area on the west and another parking lot fronting Orrick Avenue on the east.

The project site is surrounded by single-family residential uses adjacent to Orrick Avenue to the east, 215<sup>th</sup> Street to the south, Main Street to the west and 213<sup>th</sup> and 214<sup>th</sup> Streets to the north. Carson Street Elementary School is adjacent to Carson Park at the southeast. There are also commercial uses along Main Street south of the project.

**10. Other agencies whose approval is required (e.g., permits, financing approval, or participation agreement):**

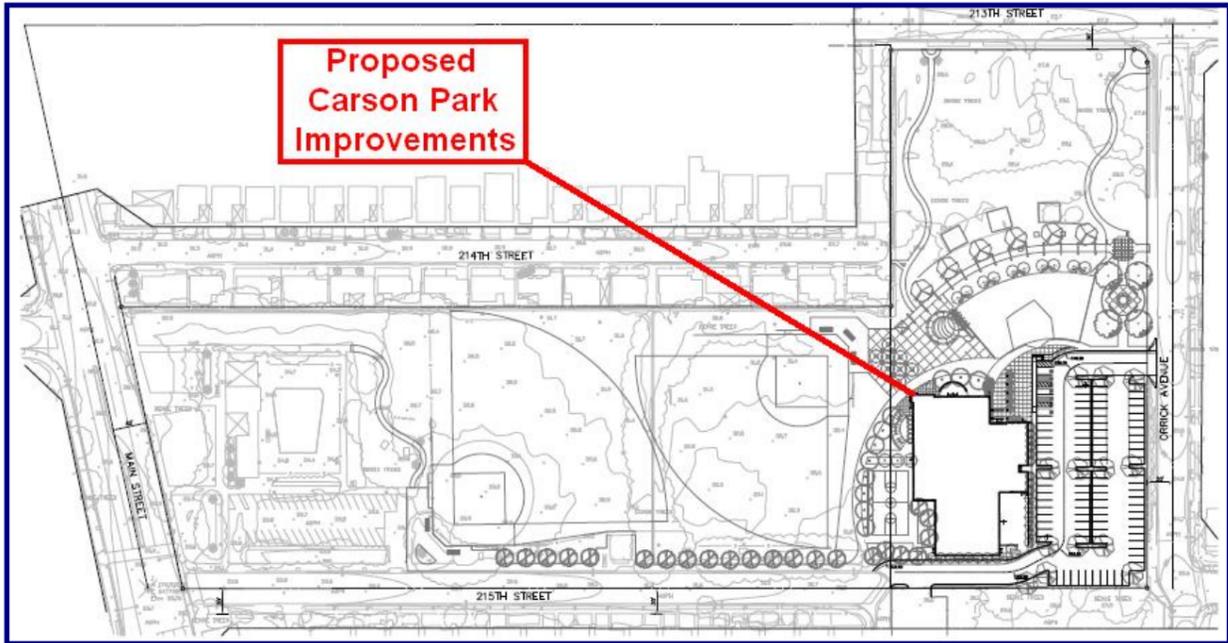
- City of Carson
- County of Los Angeles
- Regional Water Quality Control Board (RWQCB)

**B. PROJECT DESCRIPTION**

The following discussion includes a description of the project site and surrounding land uses, and a description of the Carson Park Improvement Project (project). Figure 1 shows the regional location of the project and the location of the project in the context of the City of Carson. Figure 2 shows an aerial photo of the project area and figure 3 shows the project site plan.



**Figure 2. Project Area**



**Figure 3. Site Plan**

1. Overview and Background

Carson Park was originally developed in 1962 as Carson Neighborhood Park.

The original park included a recreation-activity building centered around a patio area near the location of the current activity building. Also included with the original park was a children’s playground, volleyball court and one softball field. Passive lawns, planted areas and lighting were also included in the original park design. A small parking lot was built on the east side of the park in the same location as the current parking lot. In 1968 the second ballfield was added and in 1970 the existing restroom structure serving the ballfields was built.

In 1981, the previous recreation-activity building was demolished and the current activity center was built along with the basketball courts and additional park amenities. The parking lot was expanded to its current configuration.

2. Project Location and Existing Land Uses

The proposed site is located at 21411 South Orrick Avenue within the boundaries of the existing Carson Park in the City of Carson, in Los Angeles County. The project site is comprised of one parcel (Assessor’s Parcel Number 7334-22-007) and is approximately 10.9 acres. The park, which is owned by the City, is located in a residential neighborhood in the central part of Carson near the western City boundary. The project site is surrounded by single family residential uses adjacent to Orrick Avenue to the east, 215<sup>th</sup> Street to the south, Main Street to the west and 213<sup>th</sup> and 214<sup>th</sup> Streets to the north (see figure 2). Carson Street Elementary School is adjacent to Carson Park at the southeast. Further south along Main Street are commercial uses.

The project site is designated Recreational Open Space in the City of Carson General Plan. The site is zoned Open Space.

3. Existing Conditions

Carson Park consists of several different existing zones of usage. On the west side of the park, adjacent to Main Street, is Carson Pool and accompanying pool and house. These facilities are served by an existing parking lot on the south that takes access from East 215<sup>th</sup> Street. The central area of the park includes two baseball fields with a restroom building. The east side of the park includes a 7,500 square foot activity building which contains a child day care classroom, concession stand and hosts various community activities. Adjacent to the activity building are two outdoor basketball courts, a children's playground and picnic facilities including barbeque grills and shade structures. North of these amenities is a passive park area which fronts on East 213<sup>th</sup> Street. The east side of the park is served by a parking lot that is adjacent to and takes access from Orrick Avenue. The project is bounded by East 215<sup>th</sup> Street and Orrick Avenue, which are local streets, East 213<sup>th</sup> Street, which is a collector street, and Main Street which is classified as a major highway.

The park is used extensively by the community including children, teens, seniors, families and athletes. The Carson Pool is opened to the public and the baseball fields host various organized sports teams. The Activity building hosts preschool classes and various community events. It also includes a concession stand intended to serve various park users.

The park is operated and maintained by the City of Carson Parks and Recreation Department.

4. Proposed Facilities

The proposed project would result in redevelopment of the majority of the park but would exclude improvements to the existing pool, pool building, adjacent parking lot, the children's playground and some of the existing landscaping in the northeast area of the park. The existing activity building and basketball courts would be removed and replaced with a 20,000 square foot recreation center. The ballfields would be modified and most of the remaining park would be improved. Figure 4 shows the proposed site plan.

The proposed project would include development/installation of the following facilities:

- 20,000 square foot recreation center including the following amenities: indoor basketball courts, child care room, activity room, computer lab, workout room, concession stand with kitchen and public restrooms
- New outdoor basketball court
- Reconfigured baseball fields including revised grading, installation of new natural turf, new bleachers, addition of soccer field overlays and new field lighting
- Outdoor amphitheatre area
- Splash pad area
- Garden area with fountain and bench seating
- Plaza area
- Expanded parking lot on east side of park

- Driveway connection to East 215<sup>th</sup> Street
- New walkways, decorative seating and garden trellis features
- New landscaping and planter areas
- Refurbished group picnic areas
- New storm drainage system with stormwater quality treatment devices
- Refurbished Carson Street Elementary School Parking Lot

The existing passive park landscaping in the northeast corner of the park would essentially remain as is with the addition of walkways, decorative seating areas and new lighting. The children's playground would also remain intact and unchanged

5. Park Use

The new park would essentially retain the same users with the addition of organized sports leagues for use of the soccer fields and additional users for the recreation center facilities. The increased capacity of the recreation center would allow additional users for the indoor basketball courts, computer lab, childcare room, activity room, workout room, and concession booth/kitchen. There will also be larger public restrooms for both indoor and outdoor users.

6. Utilities and Storm Water Drainage

The project would be served by existing power, water and sewer system mains located within the park. A driveway connection will be made at East 213<sup>th</sup> Street to allow access to the reconfigured parking lot from both Orrick Avenue and East 213<sup>th</sup> Street. Additional storm drain systems would be installed to more effectively handle site drainage including stormwater quality treatment devices and an underground storm water detention system at the east parking lot that will help alleviate storm drain capacity issues downstream of the existing park. Approval of proposed storm drainage systems would be obtained from Los Angeles County Department of Public Works. The proposed project would affect an area greater than one acre; therefore construction activities would be regulated under the National Pollutant Discharge Elimination System permit and the State's General Permit Associated with Construction Activity, which would require preparation of a Storm Water Pollution Prevention Plan (SWPPP).

7. Access and Parking

Access to the site would be via existing public roads and pedestrian access. The project would include replacement of the existing parking lot with a new and reconfigured parking lot on the east side of the park. A new driveway connection would be provided for access to the easterly parking lot via East 215<sup>th</sup> Street. Additional shared parking would be provided by joint use of the Carson Street Elementary School parking lot adjacent to the southern boundary of the project.

8. Construction

Development of the proposed project is expected to extend over a period of approximately one year beginning in the middle of 2011 with anticipated completion in the middle of 2012.

9. Project Approvals Required

The following approvals would be required as part of the project:

- Conditional Use Permit for proposed Recreation Center by City of Carson
- Approval of Final Design By City of Carson
- Approval of public improvement plans by Los Angeles County
- Approval of Construction Contracts by City of Carson
- Regional Water Quality Board Approval

**C. ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED:**

The environmental factors checked below would be potentially affected by this project, involving at least one impact that is a “Potentially Significant Impact” as indicated by the checklist on the following pages:

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

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Title

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

**I. AESTHETICS:** Would the project:

- |   |                          |                                     |                          |                                     |
|---|--------------------------|-------------------------------------|--------------------------|-------------------------------------|
| a) Have a substantial adverse effect on a scenic vista  | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" 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"/> | <input checked="" 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"/> | <input checked="" 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 checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |

a) *Have a substantial adverse effect on a scenic vista? (No impact)*

The City of Carson General Plan does not identify any scenic vistas. In addition, since the project site and surrounding community is generally level and in an urban environment, there are no existing vistas from the site. As such, the proposed structures would not impact any scenic vistas.

b) *Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway? (No impact)*

The project site is not located in or within the vicinity of a State scenic highway. No portions of Carson Park or the proposed building would be visible from a scenic highway. The only officially designated State Scenic Highway in Los Angeles County is the Angeles Crest Highway which is approximately 40 miles from the project site. As such, the proposed project would not damage scenic resources associated with a State scenic highway.

c) *Substantially degrade the existing visual character or quality of the site and its surroundings? (No impact)*

The project site is visually characterized by the following land uses: recreational uses such as sports fields, an aquatics center, a basketball court and children’s playground; City uses, such as the activity building, landscaping, picnic areas, passive park areas and surface parking areas. Implementation of the proposed project would demolish the existing activity building and construct a new recreation center, reconfigure the ballfields and add additional park amenities. The proposed building would not introduce any new land uses to the site. The proposed building would have a maximum height of approximately 45 feet. Although greater in mass and height, the proposed building would replace the existing activity building and would not degrade the existing visual character of the site.

*d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area? (Potentially Significant Unless Mitigation Incorporated)*

Exterior lighting would be included in the proposed project to provide for the safety of residents and visitors. New lighting for night time use of the ball fields and basketball court will be installed along the perimeter of the ballfields and at the basketball court. Additional lights may be installed on the project site similar to those that currently exist in the park. The proposed recreation center which replaces the existing activity building would create similar amounts of light and glare as the existing building. The new light and glare generated by the proposed project for night time use of the ballfields could adversely affect views in the area. Implementation of the following mitigation measure would ensure this impact would be less than significant.

Mitigation Measure AES-1: A city approved lighting plan including photometrics at private residential property lines adjacent to the ballfields are required prior to issuance of building permits for the proposed project.

Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
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**II. AGRICULTURE RESOURCES:** 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. Would the project:

- |  |                          |                          |                          |                                     |
|--|--------------------------|--------------------------|--------------------------|-------------------------------------|
| a) Convert Prime Farmland, Unique Farmland, or 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) 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) Convert Prime Farmland, Unique Farmland, or 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? (**No impact**)

No agricultural resources are located on or near the project site, and the site has not been subject to agricultural use in recent history. Carson Park is classified as “Urban and Built-Up” by the State Department of Conservation. Therefore, implementation of the proposed project would not convert agricultural land to non-agricultural uses.

b) Conflict with existing zoning for agricultural use, or a Williamson Act contract? (**No impact**)

The project site is located in a developed area of the City of Carson. The project site is zoned for recreational open space use. The site is not zoned for agricultural uses and is not operated under a Williamson Act Contract.

c) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use? (**No impact**)

Implementation of the proposed project would result in the redevelopment of an existing park site and is surrounded by urban residential and institutional development on all sides. The project would not result in other physical changes that would require the conversion of farmland to non-agricultural uses.

	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
<b>III. AIR QUALITY:</b> Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations. Would the project:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
a) Conflict with or obstruct implementation of the applicable air quality plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>

	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
d) Expose sensitive receptors to substantial pollutant concentrations?	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>

a) *Conflict with or obstruct implementation of the applicable air quality plan? (No impact)*

The project would not conflict with any air quality plan. All development in the South Coast Air Basin (SCAB) is subject to the “clean air” requirements of the U.S. Environmental Protection Agency (EPA), California Air Resources Board, and South Coast Air Quality Management District (SCAQMD). A project is deemed inconsistent with air quality plans if it would result in population and/or employment growth that exceeds growth estimated in the applicable air quality plan or would significantly contribute to air quality violations. The proposed project, however, does not include any residential development, housing, or large local or regional employment centers, and is not expected to result in any population or employment growth. Therefore, impacts to the applicable air quality plan would not occur, and no impact would occur.

b) *Violate any air quality standard or contribute substantially to an existing or projected air quality violation? (Potentially Significant Unless Mitigation Incorporated)*

Air pollution emissions associated with the proposed project would occur over the short term in association with construction activities such as grading and vehicle/equipment use. The discussion below describes potential air quality violations that could occur as a result of construction equipment exhaust emissions; fugitive dust; long-term vehicle emissions; and local carbon monoxide hot spots.

**Construction Equipment Exhaust Emission.** Construction period emissions would result from implementation of the proposed project. Construction activities are a source of organic gas emissions. Solvents in adhesives, non-waterbased paints, thinners, some insulating materials and caulking materials would evaporate into the atmosphere and would participate in the photochemical reaction that creates urban ozone. Asphalt used in paving is also a source of organic gases for a short time after its application.

During construction various diesel-powered vehicles and equipment would be in use. In 1998, the California Air Resources Board (CARB) identified particulate matter from diesel-fueled engines as a toxic air contaminant (TAC). The CARB has completed a risk management process that identified potential cancer risks for a range of activities using diesel-fueled engines. High volume freeways, stationary diesel engines and facilities attracting heavy and constant diesel vehicle traffic (e.g., distribution centers and truck stops) were identified as having the highest associated risk. Health risks from TACs are a function of both concentration and duration of exposure. Unlike the above types of sources, construction diesel emissions are temporary, affecting an area for a period of days or perhaps weeks. Additionally, construction-related sources are mobile and transient in nature, and the emissions occur within the project sites. Children playing at Carson Park during the construction phases could be exposed to health risks from TACs. However, due to their short duration and with implementation of Mitigation

Measure AIR-1, below, health risks from construction emissions of diesel particulate would be less than significant.

**Construction Dust.** Construction dust would affect local air quality at various times during construction of the proposed project. Clearing, grading and earthmoving activities have a high potential to generate dust whenever soil moisture is low and particularly when the wind is blowing. The project proposes demolition of the existing 7,500 square foot activity building, site preparation including minimal grading, and construction of a new recreation center and other park amenities.

Construction activities would result in increased dust fall and locally elevated levels of particulates downwind of construction activity. Construction dust has the potential to create a nuisance at nearby properties or at previously completed portions of the proposed project. In addition to nuisance effects, excess dust fall can increase maintenance and cleaning requirements and could adversely affect sensitive electronic devices.

Implementation of the following mitigation measures would reduce construction related impacts to a less-than-significant level.

Mitigation Measure AIR-1: Consistent with guidance from the SCAQMD, the following actions shall be required on construction contracts and specifications for the project. The following controls shall be implemented at all construction sites:

- Water all active construction areas at least twice daily and more often during windy periods; active areas adjacent to existing land uses shall be kept damp at all times, or be treated with non-toxic stabilizers to control dust;
- Cover all trucks hauling soil, sand, and other loose materials or require all trucks to maintain at least 2 feet of freeboard;
- Pave, apply water three times daily, or apply (non-toxic) soil stabilizers on all unpaved access roads, parking areas, and staging areas at construction sites;
- Sweep daily (with water sweepers) all paved access roads, parking areas, and staging areas at construction site; water sweepers shall vacuum up excess water to avoid runoff-related impacts to water quality;
- Sweep streets daily (with water sweeper) if visible soil material is carried onto adjacent public streets;
- Apply non-toxic soil stabilizers to inactive construction areas
- Enclose, cover, water twice daily, or apply non-toxic soil binders to exposed stockpiles (dirt, sand, etc);
- Limit traffic speeds on unpaved roads to 15 mph;
- Install sandbags or other erosion control measures to prevent silt runoff to public roadways;
- Replant vegetation in disturbed areas as quickly as possible;
- Onsite idling of construction equipment shall be minimized as much as feasible (no more than 5 minutes maximum)
- All construction equipment shall be properly tuned and fitted with manufacturer's standard level exhaust controls;

**Long Term Emissions.** Refer to section XV, Transportation/Traffic, for a discussion of the project's expected trip generation. As described in that section, the number of visitors to the park is expected to increase modestly after implementation of the project. The project would increase vehicle trips by approximately 286 vehicle trips per day. This relatively small number of new trips would not result in the release of significant amounts of air pollutants. Therefore, the project's operational-period ozone contribution would be less-than-significant, and the project would not exceed the Scam's Regional Significance Thresholds.

*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)? (Less than significant impact)*

See III.b., above. Based on long-term emission estimates, the proposed project would not result in substantial increases to the levels of any criteria pollutants. Therefore, the proposed project would not result in a cumulatively considerable net increase of any criteria pollutant.

*d) Expose sensitive receptors to substantial pollutant concentrations? (Potentially Significant Unless Mitigation Incorporated)*

Construction of the proposed project may expose surrounding, sensitive land uses to airborne particulates and fugitive dust, as well as pollutants associated with the use of construction equipment (e.g., diesel-fueled vehicles and equipment). Sensitive receptors are facilities or land uses that include members of the population that are particularly sensitive to the effects of air pollutants, such as children, the elderly, and people with illnesses. Since Carson Park is frequented by children, includes a child care program and is adjacent to Carson Street Elementary School, the project site would be considered a sensitive receptor. The single-family residences that border the park site are also considered sensitive receptors. Both children playing at the park, at the school, and the residents of the single-family homes could be exposed to increased pollutant concentrations, especially during construction. Implementation of the Mitigation Measure AIR-1 would reduce the impacts to a less-than-significant level.

Air pollution associated with the project would be primarily vehicle related, and would not necessarily be concentrated in the vicinity of the project site. Therefore, implementation of the proposed project would not expose sensitive receptors to substantial pollution concentrations.

*e) Create objectionable odors affecting a substantial number of people? (Less than significant impact)*

The proposed project would not contain any major sources of odor and would not be located in an area with existing odors. Therefore, the proposed project would not "create objectionable odors affecting a substantial number of people" and would have a less-than-significant impact in terms of odor.

Potentially Significant Impact	Less Than Significant with Mitigation	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 Game or U.S. Fish and Wildlife Service? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or US Fish and Wildlife Service?   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" 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 type="checkbox"/>            | <input checked="" 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 type="checkbox"/>            | <input checked="" type="checkbox"/> |

*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 Game or U.S. Fish and Wildlife Service? (Less than significant impact)*

The project proposes redevelopment of existing Carson Park which is currently developed with an activities structure, ballfields and courts and other park amenities. The project site is within an urban area that would not generally provide habitat for native plants and is likely to have low wildlife habitat value. While some native species so utilize urban areas for foraging, roosting, and/or nesting, these are expected to be common species that are adapted to urban conditions and would not be adversely affected by the implementation of the proposed project.

*b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or US Fish and Wildlife Service? (No impact)*

No riparian or sensitive natural communities are located within the vicinity of the project site. Therefore, implementation of the proposed project would not impact riparian or other sensitive natural communities.

*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? (No impact)*

The project site is developed and does not contain any federally-protected wetlands. Therefore, implementation of the proposed project would not impact wetlands.

*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? (Less than significant impact)*

The project site was initially developed as a park in 1962 and is located near downtown Carson. Any wildlife that would move through Carson Park would be adapted to disturbed urban sites. In addition, the project area does not include any streams, rivers, or other means for providing movement of fish. Implementation of the proposed project would not substantially interfere with the movement of native wildlife species or impede the use of native wildlife nursery sites.

*e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance? (Less than significant impact)*

The project would not conflict with any local policies or ordinances protecting biological resources. Additionally, as discussed above in section “a” under this Explanation, the project site does not contain any significant biological resources; therefore, no impact would occur.

*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? (No impact)*

The project is not located within the jurisdiction of a habitat conservation plan (HCP), natural communities conservation plan (NCCP), or other approved habitat conservation plans. Therefore, because the site is currently developed and contains no sensitive habitat, no impact to sensitive biological resources and no conflict with HCPs or NCCPs would occur.

Potentially Significant Impact	Less Than Significant with Mitigation	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?    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| c) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?       | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| d) Disturb any human remains, including those interred outside of formal cemeteries?                          | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |

*a) Cause a substantial adverse change in the significance of a historical resource as defined in §15064.5? (No impact)*

The existing activity structure was built in 1981 and is not considered to be a historic resource as defined in CEQA Guidelines Section 15064.5. The proposed project would not result in the demolition of any identified historic resources.

*b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5? (No impact)*

No significant (unique) archeological resources, as defined by CEQA Sections 21083.2, have been identified in the project site. The site has been developed as a park with an activity structure and the proposed project includes redevelopment of the existing park including construction of a new recreation center at the location of the existing activity building. Excavation for removal and recompaction below the building footprint is expected to be approximately 4 feet. It is unlikely that the ground disturbance required for project construction would result in impacts to archeological resources. In the event that any prehistoric or historic subsurface cultural resources are discovered during ground disturbing activities, all work within 50 feet of the resources would be halted and the City would consult with a qualified archeologist or paleontologist to assess the significance of the find.

*c) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature? (No impact)*

No significant paleontological resources have been identified in the project site. The site has been developed as a park with an activity structure and the proposed project includes redevelopment of the existing park including construction of a new recreation center at the location of the existing activity building. Excavation for removal and recompaction below the building footprint is expected to be approximately 4 feet. It is unlikely that the ground

disturbance required for project construction would result in impacts to paleontological resources. In the event that any prehistoric or historic subsurface paleontological resources are discovered during ground disturbing activities, all work within 50 feet of the resources would be halted and the City would consult with a qualified archeologist or paleontologist to assess the significance of the find.

*d) Disturb any human remains, including those interred outside of formal cemeteries? (No impact)*

As mentioned above, redevelopment of the park and construction of the recreation center would require excavation to a depth of approximately 4 feet. It is unlikely that the ground disturbance required for the project would result in disturbance to human remains. In addition, California Health and Safety Code Section 7050.5 states that in the event of discovery or recognition of any human remains in any location other than a dedicated cemetery, there shall be no further excavation or disturbance of the site or any nearby area reasonably suspected to overlie adjacent remains until the coroner of the county in which the remains are discovered had determined whether or not the remains are subject to the coroner's authority. If the human remains are of Native American origin, the coroner must notify the Native American Heritage Commission within 24 hours of the identification. The Native American Heritage Commission will identify a Native American Most Likely Descendant to inspect the site and provide recommendations for the proper treatment of the remains and associated grave goods.

	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
<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:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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? Refer to Division of Mines and Geology Special Publication 42?	<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 checked="" type="checkbox"/>	<input type="checkbox"/>
b) Result in substantial soil erosion or the loss of topsoil?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
c) Be located on a geologic unit or soil that is unstable, or that would become 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 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

The subject property is situated on the Torrance Plain within the Los Angeles basin. The site is flat-lying, and lies upon young alluvial settlements. The property lies at approximate elevations between 30 and 35 feet above mean sea level. The property is predominantly underlain by very stiff to hard sandy clays.

*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? Refer to Division of Mines and Geology Special Publication 42 ii) Strong seismic ground shaking iii) Seismic-related ground failure, including liquefaction iv) Landslides?*

*i) fault rupture. (Less than significant impact)*

The project does not expose people or structures to hazards from an earthquake. The subject site does not lie within a State of California Alquist-Priolo Earthquake Fault Zone (California Department of Conservation, 1986); nor in a State of California Seismic Hazard Zone (California Department of Conservation, 1998, 1999). Site observations and research of geologic literature indicate there are no active faults underlying the subject site. The nearest mapped active faults, the Compton Thrust and Newport-Inglewood fault zones, lie greater than three miles east and northeast of the subject site (e.g., Blake, 2000)

*ii) Strong seismic ground shaking (Less than significant impact)*

The project does not expose people or structures to hazards from ground shaking. Southern California is a seismically active region and is prone to earthquakes, which can result in hazardous conditions to people within the region. Impacts from seismic ground shaking could occur many miles from the epicenter of a seismic event. The potential severity of ground shaking depends on many factors, including the distance from the originating fault, the earthquake magnitude, and the nature of the earth materials beneath a given site. To mitigate potential impacts, earthquake loads are to be determined in accordance with Section 1613 of the 2007 California Building Code (CBC), based on the 2006 International Building Code (IBC) and

ASCE 7-05. Adherence to these codes would minimize impacts associated with ground shaking to a less-than-significant level.

*iii) Seismic-related ground failure, including liquefaction (Less than significant impact)*

The project does not expose people or structures to hazards from ground failure. As discussed above, the project is located in the southern California region, which is characterized by a number of active faults. One secondary seismic hazard related to seismic ground shaking is liquefaction. According to the State of California Seismic Hazard Zones Map for the Torrance Quadrangle (1999), the subject site does not lie within a liquefaction hazard zone. The stiff to hard sandy clays are not amenable to liquefaction and there is no liquefaction hazard on the subject property.

*iv) Landslides (No impact)*

The site does not expose people or structures to hazards from landslides. The project site is situated on relatively flat topography and is not susceptible to landsliding.

*b) Result in substantial soil erosion or the loss of topsoil? (Less than significant impact)*

The project would not result in soil erosion or loss of topsoil. The proposed project will redevelop an existing park that includes an activity building, landscaping, turf fields, a parking lot and hardscape. The activity building will be demolished and replaced with a recreation center. Onsite soils would be prone to erosion during the excavation and grading phase, especially during heavy rains. However, the City would obtain a National Pollution Discharge Elimination System (NPDES) permit from the Los Angeles Regional Water Quality Control Board (RWQCB) with requirements for discharge, best management practices, and implementation of a Storm Water Pollution Prevention Plan (SWPPP). Preparation and implementation of the required SWPPP and associated best management practices by the construction contractor would result in the proper control of erosion. Therefore, through the implementation of adopted erosion control measures, impacts related to erosion and loss of topsoil would be less than significant.

*c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse? (Less than significant impact)*

The proposed park features and structures would be constructed in compliance with applicable construction codes and requirements intended to guard against any adverse impacts resulting from ground failure and ground instability. Therefore, implementation of the proposed project would result in less-than-significant impacts to life or property.

*d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property? (Potentially Significant Unless Mitigation Incorporated)*

The site is predominantly underlain by very stiff to hard sandy clays and have a high expansion potential and poor permeability. Expansion of the soils could damage the proposed structural recreation facilities. However, all structures built on the project site would be constructed in compliance with applicable construction codes and requirements intended to guard against any

adverse impacts resulting from expansive soils. The development of the proposed project on expansive soils would result in less-than-significant impacts to life or property.

*e) Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water? (No impact)*

Septic tanks and alternative wastewater disposal systems would not be installed on the project site. The proposed restroom would be connected to the existing sanitary sewer system; wastewater would be treated in a wastewater treatment plant. Therefore implementation of the proposed project would not result in impacts to soil associated with the use of alternative wastewater treatment systems.

	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
<b>VII. HAZARDS:</b> 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"/>
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 one-quarter 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 materials 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"/>

	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
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"/>

*a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials? (Less than significant impact)*

Implementation of the proposed project would result in the redevelopment of the park site and construction of a recreation center. Although small quantities of commercially available hazardous materials could be used within the facility consistent with cleaning uses and landscape maintenance, these materials would not be used in sufficient quantities to pose a threat to human or environmental health. In addition, while gas and diesel fuel would typically be used by the construction vehicles, Best Management Practices (BMPs) would be utilized to ensure that no construction-related fuel hazards occur. Therefore, implementation of the proposed project would not create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials.

*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? (Less than significant impact)*

During the construction period, hazardous materials used by construction equipment (e.g., trucks, bulldozers, scrapers) or equipment maintenance activities could result in accidental releases to the ground surface. Accidental releases of these materials could significantly affect soil and storm water quality. For construction activities, a Storm Water Pollution Prevention Plan (SWPPP) would be required in conformance with the State Water Resources Control Board (SWRCB) National Pollution Discharge Elimination System (NPDES) permit for discharges associated with construction activities (General Construction Permit). Part of the requirements for the SWPPP includes development of Best Management Practices (BMPs) to prevent releases of pollutants to water bodies. A SWPPP would be prepared as part of the project, and would ensure that hazardous materials would not be released on the site. Therefore, no mitigation is required.

*c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school? (Less than significant impact)*

The project is adjacent to Carson Street Elementary School and during the construction period, hazardous materials used by construction equipment (e.g., trucks, bulldozers, scrapers) or equipment maintenance activities could result in accidental releases to the ground surface. Accidental releases of these materials could significantly affect soil and storm water quality. For construction activities, a Storm Water Pollution Prevention Plan (SWPPP) would be required in conformance with the State Water Resources Control Board (SWRCB) National Pollution Discharge Elimination System (NPDES) permit for discharges associated with construction activities (General Construction Permit). Part of the requirements for the SWPPP includes development of Best Management Practices (BMPs) to prevent releases of pollutants to water bodies. A SWPPP would be prepared as part of the project, and would ensure that hazardous materials would not be released on the site. Therefore, no mitigation is required.

*d) Be located on a site which is included on a list of hazardous materials 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? (No impact)*

An environmental database research service was undertaken to search Federal, State and local regulatory agency databases pertaining to hazardous material use and releases on properties at and near the project site. The project site was not identified on any federal, State and local hazardous materials databases, however, there is one site within a quarter-mile of Carson Park on the Cortese List. The Martin Adams Dump is listed as an evaluation site on the Cortese List. This site is not located within the project limits and would not be disturbed during construction or operational activities on the project site.

*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? (No impact)*

The Torrance Municipal Airport is approximately 1.5 miles from the project site in the neighboring city of Torrance to the west. The project is not located within the safety zone for this airport. Therefore, no mitigation is required.

*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? No impact)*

The project site is not in the vicinity of an existing private airstrip. Therefore, the proposed project would not result in a private airstrip-related safety hazard for people using the proposed park facilities.

*g) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan? (No impact)*

The proposed project is the redevelopment of an existing recreational site; it would not impair implementation or physically interfere with an adopted emergency plan or emergency evacuation plan.

*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? (No impact)*

The project site is in an urban area and development of the proposed project would not expose people or structures to an increased risk of wildland fires.

	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
<b>VIII. HYDROLOGY AND WATER QUALITY:</b> Would the project:				
a) Violate any water quality standards or waste discharge requirements?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 through 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 checked="" type="checkbox"/>	<input 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"/>
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) Inundation by seiche, tsunami, or mudflow	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

*a) Violate any water quality standards or waste discharge requirements? (Potentially Significant Unless Mitigation Incorporated)*

The proposed project includes the construction and operation of new park facilities within an existing park. Impacts to the quality of waters could occur both during the construction phase (which would require disturbance of surface soils) and the operations phase (when the new park facilities are in use), as described below.

Construction Phase. The project would result in ground disturbance to approximately 7 acres of exiting park spaces. Construction activities could result in the in the release of soils and contamination of runoff (and surface waters downstream). However, this impact would be reduced through preparation of a Storm Water Pollution Prevention Plan (SWPPP), which is part of the project. The SWPPP would ensure that soil erosion is minimized and hazardous construction materials are adequately contained.

Operations Phase. The project would slightly increase impervious surfaces on the site. New impervious surfaces on the site would included the recreational center footprint, the basketball court, the expanded parking lot and driveway and additional paved walkways. Use of the proposed park features would not be expected to contribute substantial pollutant loading to surface water runoff. However, minor amounts of sediment (from atmospheric deposition) could accumulate on paved surfaces ad pollute storm water runoff. Even though the pollutant loading source is minor, under current NPDES requirments, the project would be required to incorporate appropriate site design strategies and source control measures to minimize the impact of the project on water quality. Implementation of the following mitigation measure would reduce the proposed project's operational period impacts to runoff water quality to a less-than-significant level:

Mitigation Measure HYD-1: The final project design shall incorporate design, control, and engineered treatment measures to reduce polluted storm water runoff from site to a less-than-significant level. These measures shall include the use and maintenance of best management practices (BMPs) for site design and storm water treatment, and shall be designed in accordance with approved numeric sizing criteria and guidelines put forth by the Los Angeles County Department of Public Works. The final project design plans shall also specify how proposed BMPs will be maintained.

*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)? (Less than significant impact)*

The proposed project would increase impervious surfaces on the site by a relatively small amount. Runoff from proposed impervious surfaces would flow to area drains and catch basins for storm water quality treatment, detention and discharge to downstream storm drain facilities owned and operated by the Los Angeles County Flood Control District. The city is underlain by clays that are highly expansive and the site shall be designed such that water should not be allowed to stand and seep into the ground. The percolation test results indicate that currently there is very little infiltration that occurs on site and it is not feasible to utilize on site soils to absorb landscape irrigation and rainfall. Therefore, the proposed project would not substantially deplete groundwater supplies or interfere with groundwater recharge.

*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? (Less than significant impact)*

The proposed project involves the redevelopment of park facilities on relatively flat land and would not substantially change the drainage pattern of the area (although minor grading would occur). The project would result in a marginal increase in impervious surfaces and runoff from these surfaces would generally follow existing drainage patterns and be conveyed offsite by existing and proposed drainage improvements. Therefore, additional runoff generated by the project would not cause substantial erosion or siltation on or off site. No creeks or swales flow through the project site.

*d) Substantially alter the existing drainage pattern of the site or area, including through 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? (Less than significant impact)*

The proposed project involves the redevelopment of park facilities on relatively flat land and would not substantially change the drainage pattern of the area (although minor grading would occur). The project would result in a marginal increase in impervious surfaces and an increase in offsite flows. In conformance with Los Angeles County Department of Public Work requirements, the increase in storm water flows will be detained onsite so that there will be no increase in offsite storm water flows from the project. Therefore, additional runoff generated by the project would not impact downstream facilities nor result in on or offsite flooding.

*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? (Potentially Significant Unless Mitigation Incorporated)*

The project would result in a marginal increase in impervious surfaces and an increase in offsite flows. In conformance with Los Angeles County Department of Public Work requirements, the increase in storm water flows will be detained onsite so that there will be no increase in offsite storm water flows from the project. The proposed onsite drainage systems would be sized to accommodate the increased flows and would provide storm water quality treatment measures prior to offsite discharge. Therefore, additional runoff generated by the project would not exceed the capacity of existing downstream facilities nor provide substantial additional sources of polluted runoff.

*f) Otherwise substantially degrade water quality? (Less than significant impact)*

No other elements of the project will cause substantial degradation of water quality.

*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? (No impact)*

No housing is proposed by the project and therefore no placement of existing housing in a flood plain would occur.

*h) Place within a 100-year flood hazard area structures which would impede or redirect flood flows? (No impact)*

Based on FEMA flood insurance rate maps, the project site is not located within a 100-year flood zone. Therefore, the structures that would be developed as part of the project would not impede or redirect flood flows.

*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? (No impact)*

The proposed project is not located within any mapped dam or levee failure inundation hazard areas. Therefore, the project would not expose people or structures to these risks.

*j) Inundation by seiche, tsunami, or mudflow (No impact)*

The project site is not located near a coastal area or within the vicinity of an enclosed body of water. Therefore, the project site is not susceptible to inundation by tsunami or seiche. In addition, the project site is not adjacent to steep slopes, and is not subject to mudflow hazards.

Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
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**IX. 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 type="checkbox"/>	<input checked="" type="checkbox"/>
c) Conflict with any applicable habitat conservation plan or natural community conservation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

*a) Physically divide an established community? (No impact)*

The project includes redevelopment of existing Carson Park and construction of a new recreation center. The proposed project would not divide an established community.

*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? (No impact)*

The General Plan designation for this site is recreational open space, and the site is currently zoned as open space. The proposed project would increase the intensity of recreational uses on the site and would not conflict with any applicable land use plans or policies.

c) Conflict with any applicable habitat conservation plan or natural community conservation plan? (**No impact**)

The project site is not subject to a habitat conservation plan or natural community service plan.

Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
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**X. MINERAL RESOURCES:** 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) 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? (**No impact**)

No known mineral resources are present at the project site. As a result, implementation of the proposed project would not result in the loss of availability of a known mineral resource.

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? (**No impact**)

No known mineral resource recovery sites are present at the project site nor on the City's General Plan. As a result, implementation of the proposed project would not result in the loss of availability of a known mineral resource recovery site.

Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
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**XI. 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? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| b) Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?   | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 expose people residing or working in the project area to excessive noise levels?	<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 expose people residing or working in the project area to excessive noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

*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? (Potentially Significant Unless Mitigation Incorporated)*

Noise generated by the project would occur during the construction phase and during the ongoing operation of the park. Construction activities at the site would include demolition of the existing 7,500 square foot activity building and construction of the 20,000 square foot recreation center. The City of Carson Municipal Code includes a provision for unnecessary noises. It discusses noise generated during construction and/or repair of buildings and states that noise generation for construction activities is restricted to occur only between the hours of 7:00 am and 6:00 pm on weekdays and otherwise contains no additional restrictions on construction noise. Due to the short term nature of this construction related impact, implementation of the following mitigation measure would reduce construction related noise to a less-than-significant level.

Mitigation Measure NOISE-1: The project shall comply with the following noise reduction measures: General construction activities shall be allowed only between the hours of 7:00 am to 6:00 pm on weekdays.

During the operational phase of the project, noise may be generated by events at the recreation center, delivery trucks and park maintenance vehicles in addition to normal recreational park use. Events at the recreation center would occur indoor and are not subject to any restriction by the Carson Municipal Code. Noise generated by additional vehicles is expected to create only minimal short-term impacts. There is a small outdoor amphitheatre proposed for the park which is not expected to require amplified sounds. If amplified sounds were generated, they would be subject to the time restrictions imposed by the Municipal Code. The project would not expose people to excessive noise levels with restrictions on hours of construction and sound amplification.

*b) Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels? (Potentially Significant Unless Mitigation Incorporated)*

Residents adjacent to the project site could be exposed to temporary increased levels of ground borne vibration and ground borne noise during the construction period. These increases are expected to occur infrequently and for only short durations during the project construction period. Implementation of mitigation measure NOISE-1, described above would reduce this impact to a less-than-significant level.

*c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project? (Less than significant impact)*

The project includes redevelopment of existing Carson Park. The existing ambient noise levels associated with recreational use of a park are expected to be consistent with the post construction ambient noise levels due to use of the park. There may be some slight increase in ambient noise levels due to park users, but such a noise increase would be considered less-than-significant.

*d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project? (Potentially Significant Unless Mitigation Incorporated)*

Refer to section XI.a. Construction activities at the site could increase short-term ambient noise levels. Construction related short-term noise levels would be higher than existing ambient noise levels in the project site vicinity but would cease once construction is completed. Implementation of mitigation measure NOISE-1, as described above, would reduce the expected short-term increase in ambient noise to a less-than-significant level.

*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? (No impact)*

The Torrance Municipal Airport is approximately 1.5 miles from the project site in the neighboring city of Torrance to the west and does not contribute significant noise levels to existing Carson Park. The project would not expose people living or working in the project area to excessive noise levels due to a public airport.

*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 levels? (No impact)*

The proposed project is not located within the vicinity of a private airstrip. Therefore, implementation of the proposed project would not expose site visitors to high levels of airstrip-related noise.

Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
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**XII. 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 type="checkbox"/> | <input checked="" type="checkbox"/> |
| b) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

*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)? (No impact)*

Implementation of the proposed project would result in development of new recreation facilities within an existing park, and would not directly or indirectly induce population growth

*b) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere? (No impact)*

No permanent housing is located within the project site. Implementation of the proposed project would not remove existing housing.

*c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere? (No impact)*

Implementation of the project would not displace people.

Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
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**XIII. PUBLIC SERVICES:**

a) Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, 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:

Fire protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Police protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Schools?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Parks?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Other public facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

*a) Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, 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? (Less than significant impact)*

Fire protection to the project site is currently provided by the Los Angeles County Fire Department. Although the proposed project would result in an increase in the potential demand for fire protection services due to an increase in the square footage of structures and additional recreational users, no new facilities would have to be built to provide them. Los Angeles County Fire Station No. 36 is located approximately one-half mile from the site at 127 west 223<sup>rd</sup> Street. A part of the project design and operation, The City of Carson would comply with all design specifications that would be required by the Fire Marshall. Therefore, the proposed project would not result in significant impacts related to increased provisions of fire services.

*ii) Police protection? (Less than significant impact)*

Police protection service for the project area is provided by the Los Angeles County Sheriff Department under contract to the City of Carson. The Carson Sheriff Station is located at 21356 South Avalon Boulevard, Carson, approximately one-half mile from the project site. Implementation of the proposed project would increase the amount of indoor recreational space on the site which would marginally increase the demand for police services. However, the proposed project would not result in substantial adverse physical impacts associated with the provision, need or construction of new police facilities to maintain acceptable levels of service, response times or other performance objectives for police and fire protection.

In addition, as part of the building permit review process, all departments and agencies responsible for providing services are consulted to determine their ability to provide services to proposed development projects.

*iii) School Facilities? (No impact)*

The proposed project does not involve the construction of housing or employment generating facilities. Therefore, it would not increase demand for school services.

*iv) Parks? (Less than significant impact)*

Improvements to the park include a new recreation center, reconfigured ballfields and courts and passive and active recreational uses. Park use would increase due to these improvements, but it would not result in deterioration of recreational facilities. The proposed project would accommodate recreational demand that would otherwise be absorbed by other recreational facilities in the area.

*v) Other public facilities? (No impact)*

The proposed project is redevelopment of a park including a new recreation center that would not increase demand for public facilities, such as libraries, beyond those discussed above.

Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
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**XIV. 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 type="checkbox"/>            | <input checked="" 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?*

The project would include demolition of the existing activity building and construction of a new recreation center and additional park amenities. As previously stated, implementation of the proposed project would increase the net interior of the recreation structure usage by approximately 12,500 square feet. While the proposed project would expand and improve facilities at Carson Park, it would not increase the use of 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?*

Implementation of the mitigation measures detailed in this Initial Study/Mitigated Negative Declaration would ensure that the proposed park improvements would not have a substantial adverse physical effect on the environment.

Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
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**XI. TRANSPORTATION/TRAFFIC:**

Would the project:

a) Conflict with an applicable plan, ordinance or policy establishing measures 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?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e) Result in inadequate emergency access?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f) Result in inadequate parking capacity?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g) Conflict with adopted policies, plans or programs regarding public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance or safety of such facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

*a) Conflict with an applicable plan, ordinance or policy establishing measures 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? (Less than significant impact)*

The project will generate approximately 286 additional daily trips in and around the proposed park. A traffic study was prepared by Psomas which identifies existing conditions and proposed traffic impacts due to implementation of the project. Analysis was done to existing intersections in the vicinity of the project and it was determined that implementation of the project will not have a significant impact to any intersection in the vicinity of the proposed project and no mitigation is required.

*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? (Less than significant impact)*

The Congestion Management Program (CMP) for Los Angeles County was created to develop a link between land use decisions and their impacts on regional transportation and air quality, and further to monitor and regulate regional traffic growth and related transportation improvement programs. The CMP designates a system of highways, roadways and intersections within Los Angeles County. If any facility on the CMP deteriorates, the local jurisdiction is responsible for preparing a plan to bring that facility to CMP standards.

There are no CMP intersections included in the vicinity of the proposed project. Further, the project is not expected to add 150 or more trips in either peak hour at any of the main freeway monitoring locations. Therefore, no CMP analysis is required.

*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? (No impact)*

Implementation of the proposed project would not cause a change in air traffic patterns.

*d) Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)? (Less than significant impact)*

The proposed project would not substantially increase hazards due to design features. As described in the above-referenced traffic report, a new driveway connection to the park will be added at East 215<sup>th</sup> Street and Bolsa Avenue. This driveway connection will be stop controlled and will not increase hazards due to a design feature.

*e) Result in inadequate emergency access? (Less than significant impact)*

The proposed project would not substantially increase hazards due to design features. As described above, a new driveway connection to the park will be added at East 215<sup>th</sup> Street and Bolsa Avenue that will allow for increased emergency access. Project design plans will be reviewed and approved by the Fire Marshall for conformance to emergency access requirements.

*f) Result in inadequate parking capacity? (Potentially Significant Unless Mitigation Incorporated)*

Implementation of the proposed project could result in an increase in parking demand. Construction of the proposed recreation center and possible increase usage of the park could result in increased parking demand. Implementation of the following mitigation measure would reduce the impact of increased parking demand to a less-than-significant level.

Mitigation Measure TRAFFIC-01: The proposed project shall comply with City of Carson requirements to provide adequate parking for the development and use of the park and recreation center.

*g) Conflict with adopted policies, plans or programs regarding public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance or safety of such facilities? (Less than significant impact)*

Pedestrian access to the site would be enhanced through the development of path connections to proposed recreational facilities. In addition, as part of the project, existing pedestrian facilities in the vicinity of the site would be preserved. The project is consistent with all programs supporting alternative transportation

Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
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**XVI. 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board? (Less than significant impact)*

The project would not exceed the wastewater treatment requirements of the Los Angeles RWQCB. No impact is expected as a result of wastewater treatment, and all wastewater produced by the project and conducted from the site to the local treatment plant would adhere to all RWQCB and city wastewater treatment requirements. The proposed restrooms to be constructed as part of the recreation center would be served by a new sewer line connection to an existing sewer main in East 214<sup>th</sup> Street. Wastewater generated by the project would extend to the same sewer infrastructure and be treated by the same treatment plants presently used by the existing Carson Park and activities building. Therefore, no significant impacts to wastewater services would occur.

*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? (Less than significant impact)*

The proposed project would not require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities. As discussed above, implementation of the proposed project would be served by tying into existing water and wastewater infrastructure. Therefore, the proposed project would not require the construction of new wastewater treatment facilities. Impacts would be less than significant.

*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? (Potentially Significant Unless Mitigation Incorporated)*

The proposed project would increase the impervious area of the site and increase storm water flows from the site. The Los Angeles County Department of Public Works Design Division is responsible for assigning storm water flow values that any downstream storm water facility operated and maintained by the County can carry. There may be impacts to the downstream system unless the flow value assigned by the County is maintained. The proposed project will be required to detain any proposed storm water flows greater than the amount the County sets as an allowable maximum. Therefore, significant impact may occur unless mitigated. Implementation of the following mitigation measure will reduce the offsite storm water drainage flows to a less-than-significant level.

Mitigation Measure STORM-1: The proposed project shall be required to obtain Los Angeles County Department of Public Works approval for hydrology of offsite storm water flows.

*d) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed? (Less than significant impact)*

The proposed project would not result in the need to expand existing water entitlements. The proposed project will be served by extending and tying into existing water supply and infrastructure and entitlements in place for the existing Carson Park. Adequate supply is available and the proposed project would not result in a substantial net increase in water consumption rate. Impacts would be less-than-significant.

*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? (Less than significant impact)*

The proposed project would not result in determination by the wastewater treatment provider that it does not have adequate capacity to serve the site. As discussed in previous sections, project implementation would not create the need for new wastewater treatment facilities or infrastructure. Implementation of the proposed project would be served by tying into and extending existing wastewater infrastructure. Existing water treatment facilities have adequate capacity to accommodate the proposed project and implementation of the proposed project would be less-than-significant.

*f) Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs? (Less than significant impact)*

Implementation of the proposed project would result in relatively small quantities of solid waste associated with recreational uses. Existing landfills would have sufficient capacity to accommodate this minor increase in solid waste.

*g) Comply with federal, state, and local statutes and regulations related to solid waste? (Less than significant impact)*

Recycling receptacles would be provided within the project site, as required, in accordance with all statutes and regulations related to solid waste.

Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
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**XVII. 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, substantially 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? | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 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)?   | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/> |
| c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?  | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

*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, substantially 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? (**Less than significant impact**)*

The project site is in existing Carson Park that has been developed since 1962. While the park provides open space and recreation opportunities, it is located in a developed urban area and would not generally provide habitat for native plants and is likely to have low wildlife habitat value. Development of the proposed project would require a minimal level of excavation and would not likely result in impacts to archeological or paleontological resources. Therefore, the project would not significantly degrade the quality of the environment.

*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)? (**Potentially Significant Unless Mitigation Incorporated**)*

The proposed project would not contribute to impacts resulting in significant cumulative effects from the combination of other projects. Carson Park is currently a developed park site and the surrounding community has been extensively developed as well. With the mitigation measures recommended in this Initial Study/Mitigated Negative Declaration, the impacts of the proposed project are individually limited and not cumulatively considerable in the context of impacts associated with other pending or planned projects. The proposed project would provide additional community recreation opportunities and spaces. All environmental impacts that could occur as a result of the proposed project would be reduced to a less-than-significant level through implementation of the mitigation measures recommended in this Initial Study/Mitigated Negative Declaration.

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

Implementation of the proposed project would not expose construction workers and the public to soils that have been substantially contaminated by agricultural activities, or other significant health risks.

## **D. REPORT PREPARERS**

### **PSOMAS**

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