

SECTION 1.0 EXECUTIVE SUMMARY

1.1 INTRODUCTION

The California Environmental Quality Act (CEQA) requires local government agencies to consider the environmental consequences of a project prior to taking a discretionary action related to approval or denial of the project. To support informed decision making, CEQA calls for the preparation of an Environmental Impact Report (EIR) to serve as a public disclosure document designed to provide interested members of the public, responsible/trustee agencies, special districts, and local and State governmental agency decision-makers with an analysis of the potential environmental consequences of project implementation.

This document has been prepared to identify the potential environmental effects associated with the proposed 2010 General Plan Update. A description of the proposed 2010 General Plan Update is provided in Section 1.2, Project Summary, below, and a complete project description is provided in Section 3.0, Project Description, of this document.

This EIR has been prepared as a Program EIR (PEIR), pursuant to the requirements of CEQA and the State CEQA Guidelines.

In addition to analysis of the potential environmental impacts associated with the 2010 General Plan Update, this PEIR discusses alternatives to the proposed update and includes mitigation measures that would offset, minimize, or avoid significant environmental impacts associated with future development in the City and the 2010 General Plan Update programs. Following is a summary of the proposed 2010 General Plan Update, alternatives to the proposed update, areas of controversy and issues to be resolved, potential significant adverse impacts, and recommended mitigation identified through the analysis presented in this PEIR.

1.2 PROJECT SUMMARY

1.2.1 PROJECT LOCATION

The City of Rancho Cucamonga is located in the Inland Empire in southwestern San Bernardino County, California. The City is surrounded by developed municipalities to the west, south and east, including the cities of Upland, Ontario, and Fontana and a large area of unincorporated San Bernardino County to the north and east. The northernmost portion of the City's Sphere of Influence is adjacent to the San Bernardino National Forest. Interstate and regional access to the City is provided by Interstate (I) 15, which runs in a general north-south direction and bisects the eastern portion of the City, and by State Route (SR) 210, an east-west freeway that runs through the center of the City. The I-10 freeway also provides regional access and is located approximately 0.75 mile south of the City boundary.

1.2.2 RANCHO CUCAMONGA 2010 GENERAL PLAN UPDATE

As required by State planning and zoning Law, the City of Rancho Cucamonga has developed "a comprehensive, long-term . . . plan for the physical development of the . . . City..." (*California Government Code*, Section 65300). The current Rancho Cucamonga General Plan was adopted by the City in 2001, with the Housing Element of the General Plan last updated in 2000.

The proposed 2010 General Plan Update is a comprehensive revision of the General Plan document and is intended to (1) respond to changing conditions in the City and the region and

(2) revisit the vision of the City for its future. The objectives of the proposed update are outlined in Section 3.4, Project Objectives, of this PEIR.

The 2010 General Plan Update addresses six of the seven State-mandated General Plan elements and other issues that are important to the community. The proposed 2010 General Plan Update contains the following elements (referred to as “Chapters”):

- Managing Land Use, Community Design, and Historic Resources;
- Community Mobility;
- Economic Development;
- Community Services;
- Resource Conservation;
- Public Facilities and Infrastructure; and
- Public Health and Safety.

The other State-required topic is the Housing Element, which the City is currently updating; however, this update is independent of this 2010 General Plan Update process.

Each Element contains goals and policies that the City will follow to achieve the vision of its residents, business owners, stakeholders, City staff, and leaders. In addition, the 2010 General Plan Update contains a number of programs that will implement the 2010 General Plan Update’s goals and policies. While the goals and policies serve to guide City decision making, they do not necessarily lead to impacts on their own. Strategies also direct City government operations, activities, and services but do not cause impacts. Some programs are administrative functions such as Policy PS-2.5, “Develop plans for short-term and long-term disaster recovery” that do not lead to environmental impacts, and others call for physical changes within the City such as Policy CM-1.3, “Complete the circulation system by constructing new roadway facilities and freeway interchanges pursuant to the Circulation Plan”.

Land Use Plan

Physical development in the City is regulated by the Land Use Plan in the current Rancho Cucamonga General Plan, which shows the location of allowable land uses and sets the maximum densities and intensities of development. The proposed update includes a revision of the City’s Land Use Plan. The proposed designations over the majority of the City reflect existing developments in Rancho Cucamonga and the existing land use designations in the current Land Use Plan. This means that the City intends to preserve the existing land uses and density/intensity of development in most of Rancho Cucamonga, especially its residential neighborhoods, schools, parks, and public facilities. A detailed description of the proposed land use plan is contained in Section 3.0, Project Description.

1.3 PROJECT ALTERNATIVES

In accordance with Section 15126.6 of the CEQA Guidelines, Section 5.0 of this PEIR, Alternatives, includes a discussion of feasible alternatives to the proposed land use plan and the comparative merits of the project alternatives. This PEIR includes an evaluation of the following alternatives to the proposed 2010 General Plan Update:

- **No Project – No Development.** This alternative assumes that no development will occur in the City and existing land uses and environmental conditions will remain in

place. The No Project Alternative is not feasible due to private ownership of lands in the City and the need to allow development consistent with property rights.

- **No Project – Existing General Plan.** This alternative assumes that no update will be approved and the current General Plan would continue to regulate future development in the City. The Existing General Plan Alternative analyzes the impacts of programs and buildout under the currently adopted General Plan.
- **Alternative Land Use Plan.** This alternative assumes that a different Land Use Plan will be adopted as part of the proposed 2010 General Plan Update. The Alternative Land Use Plan considers the approval of a land use plan that avoids potentially significant and unavoidable impacts associated with the 2010 General Plan Update.

As required by CEQA, the environmentally superior alternative is identified. If the No Project Alternative is selected as environmentally superior (as is the case for the proposed 2010 General Plan Update), then the PEIR must also identify another environmentally superior alternative among the other alternatives.

The analysis in Section 5.0 of this PEIR shows that the No Project/No Development alternative could be considered superior because no new environmental impacts would be introduced to the City and its SOI. However, this alternative would not meet any of the objectives for the 2010 General Plan Update and would not incorporate new goals and policies to address historic resource preservation and sustainability.

Aside from the No Project/No Development Alternative, Alternative 3 or the Alternative Land Use Plan would also be considered environmentally superior. This alternative would avoid significant and unavoidable impacts related to aesthetics, agricultural resources, and mineral resources. However, the alternative Land Use Plan does not represent the mix of land uses and development that the residents, stakeholders, City staff and leaders envisioned at buildout of the City and SOI. It may also not provide the housing opportunities to meet demand and lifestyle choices. Thus, it does not respond to the objectives of the City for the 2010 General Plan Update to the same degree as the proposed Land Use Plan. Additionally, due to private ownership within the hillside areas, Alternative 3 would decrease development rights on existing properties thus conflicting with private ownership rights and making the alternative less desirable than the 2010 General Plan Update.

1.4 ISSUES TO BE RESOLVED

Section 15123(b)(3) of the CEQA Guidelines requires that an EIR contain a discussion of issues to be resolved. With respect to the proposed 2010 General Plan Update, the key issues to be resolved include decisions by the City of Rancho Cucamonga, as Lead Agency, as to:

- Whether this environmental document adequately describes the environmental impacts of the proposed project;
- Whether the recommended mitigation measures should be modified and/or adopted;
- Whether the project benefits override those environmental impacts that cannot be feasibly avoided or mitigated to a level below significance;
- Whether there are other mitigation measures that should be applied besides those identified in the PEIR; and

- Whether there are any additional alternatives to the proposed 2010 General Plan Update that would substantially lessen any of the significant impacts of the update and still achieve most of the project objectives.

1.5 AREAS OF CONTROVERSY

Section 15123(b)(2) of the State CEQA Guidelines indicates that an EIR summary should identify areas of controversy known to the Lead Agency, including issues raised by other agencies and the public. At the time of the issuance of Notice of Availability for this Draft PEIR, the following areas of controversy have been identified:

- Future hillside development has generated significant controversy related to the potential visual and biological degradation of the hillside area due to grading.
- The threat of future wildland fires to the northern areas of the City.

This PEIR has taken into consideration the comments received from the public, various agencies, and jurisdictions in response to the Notice of Preparation (NOP) and during the public scoping session held on November 23, 2009. Written comments received during the NOP comment period are contained in Appendix A. Environmental issues that have been raised during various opportunities for public input on the 2010 General Plan Update and the environmental review process are addressed in Section 2.2, PEIR Focus.

1.6 SUMMARY OF SIGNIFICANT ADVERSE ENVIRONMENTAL IMPACTS

Table ES-1 summarizes the potential environmental effects of the proposed 2010 General Plan Update, applicable standard conditions and existing regulations (SCs), recommended mitigation measures (MM), and the level of significance after mitigation. As shown in Table ES-1, implementation of the 2010 General Plan Update would result in potentially significant impacts for the following topical issues:

- Aesthetics (Scenic Vistas, Visual Character and Quality, and Cumulative Impacts),
- Agriculture and Forest Resources (Farmland Resources and Cumulative Impacts),
- Air Quality (Air Quality Standards Violation and Exposure of Sensitive Resources, and Cumulative Air Quality Impacts),
- Climate Change (Greenhouse Gas Emissions and Cumulative Impacts),
- Cultural Resources (Historical Resources, Archaeological Resources, Paleontological Resources, and Cumulative Impacts),
- Hazards and Hazardous Materials (Wildland Fires),
- Hydrology and Water Quality (Water Quality and Waste Discharge, Drainage and Erosion, Surface Runoff, and Water Quality),
- Mineral Resources (Regionally Important Mineral Resources and Cumulative Impacts), and
- Noise (Noise Levels and Vibration, Airport and Airstrip Noise, and Cumulative Impacts).

Implementation of mitigation measures, as detailed in the environmental analysis in Section 4.0 of this PEIR, would reduce potentially significant adverse impacts to a less than significant level on the following issues:

- Cultural Resources (Historical Resources, Archaeological Resources, Paleontological Resources, and Cumulative Impacts),
- Hazards and Hazardous Materials (Wildland Fires),
- Hydrology and Water Quality (Water Quality and Waste Discharge, Drainage and Erosion, Surface Runoff, and Water Quality), and
- Noise (Noise Levels and Vibration, Airport and Airstrip Noise).

However, even with implementation of the goals and policies of the 2010 General Plan Update, the SCs, and the MMs, future development and redevelopment under the 2010 General Plan Update would result in significant and unavoidable impacts for the following environmental issues:

- Aesthetics (Scenic Vistas, Visual Character and Quality, and Cumulative Impacts),
- Agriculture and Forest Resources (Farmland Resources and Cumulative Impacts),
- Air Quality (Air Quality Standards Violation and Exposure of Sensitive Resources, and Cumulative Air Quality Impacts),
- Climate Change (Greenhouse Gas Emissions and Cumulative Impacts), and
- Mineral Resources (Regionally Important Mineral Resources and Cumulative Impacts).

1.7 MITIGATION MONITORING

Goals and policies that are part of the proposed 2010 General Plan Update will be the responsibility of the City to implement and monitor. SCs are existing regulations that are imposed by the City, County, State, federal agencies, or special districts and are largely the responsibility of the developer or applicant. However, the goals and policies of the 2010 General Plan Update and SCs are not considered mitigation measures under CEQA. For reference and tracking purposes, applicable SCs are Table ES-1 and will be included in the MMRP.

State law requires the preparation of a mitigation monitoring and reporting program (MMRP) to ensure that mitigation measures are implemented as part of the project to avoid or lessen significant adverse environmental effects. The mitigation measures identified in this PEIR have been developed in sufficient detail to provide the necessary information to identify the party or parties responsible for carrying out the mitigation, when the mitigation would be implemented, and why the mitigation has been required. The MMRP will be provided to decision-makers under separate cover and would be adopted by the City at the time of approval of the proposed 2010 General Plan Update.

**TABLE ES-1
SUMMARY OF ENVIRONMENTAL IMPACTS**

| Impact | Mitigation Program | Level Of Significance After Mitigation |
|---|--|--|
| SECTION 4.1 – AESTHETICS | | |
| <p>Scenic Vistas Future development and redevelopment could change views of the San Gabriel and San Bernardino Mountains, the foothill areas, and areas with eucalyptus windrows, scattered vineyards, and natural vegetation. Compliance with goals supporting policies in the Land Use, Community Design, and Historic Resources Element of the proposed 2010 General Plan Update and with SCs would reduce impacts ; however, a significant and unavoidable impact would occur.</p> | <p>SC 4.1-1 Future development and redevelopment within the City shall comply with the City’s Grading Ordinance, as contained in the Rancho Cucamonga Municipal Code (Title 19 Environmental Protection, of Chapter 19.04). This ordinance requires the submission of grading plans for approval by the grading committee to ensure that grading activities (1) retain the natural terrain; (2) preserve significant topographic features; and (3) limit construction on identified seismic or geologic hazard areas in the City’s hillside areas.</p> <p>SC 4.1-2 Future development and redevelopment within the City shall comply with the City’s Hillside Development Regulations, which are found in Chapter 17.08 of the Development Code. These regulations require that development within the Hillside Residential District, in the Hillside Overlay Zone, or on sites with slopes 8 percent or greater comply with the Guidelines and development standards for site design, architecture, driveways/roadways, walls and fences, landscaping, grading, drainage, trails and corrals, public safety, and development density. These regulations seek to prevent the disturbance of natural slopes.</p> <p>SC 4.1-3 In accordance with its Water Efficient Landscaping Ordinance, the City shall continue to evaluate proposed landscape and irrigation plans and to determine if they meet the requirements of the ordinance and can be approved. This ordinance will allow the establishment of landscaped areas that are visually appealing and drought resistant.</p> <p>SC 4.1-4 Future development and redevelopment within the City shall comply with the City’s Tree Preservation Ordinance in order to preserve mature trees in the City, which are considered scenic and cultural assets.</p> <p>SC 4.1-5 Future development and redevelopment within the City shall comply with the City’s Light and Glare regulations, which are found throughout the Development Code and require lighting to be directed away and shielded from adjacent residential areas. The regulations also prohibit</p> | <p>Significant and Unavoidable.</p> |

**TABLE ES-1 (Continued)
SUMMARY OF ENVIRONMENTAL IMPACTS**

| Impact | Mitigation Program | Level Of Significance After Mitigation |
|---|--|--|
| | <p>the creation of areas with intense light or glare. As discussed above, the regulations call for the use of fences, walls, berms, screens, and landscaping to reduce light and glare spillover. The regulations are included under the special development criteria, performance standards, general design guidelines, special use regulations, and development standards for land uses in different development districts to prevent light and glare impacts on adjacent properties.</p> | |
| <p>Scenic Highways There are no scenic highways in or near the City, which may be affected by future development and redevelopment under the proposed 2010 General Plan Update.</p> | <p>SC 4.1-6 The Foothill Boulevard/Route 66 Visual Improvement Plan and Mural Program shall be implemented through future development and redevelopment along Foothill Boulevard to enhance the streetscape and to create a unified theme for this major corridor in the City.</p> <p>SC 4.1-7 Future development and redevelopment within the City shall comply with the City's Beautification Master Plans for designated Special Boulevards, as well as design guidelines for these Special Boulevards in existing and future specific plans.</p> | <p>No Impact.</p> |
| <p>Visual Character and Quality Changes in visual quality from future development and redevelopment under the proposed 2010 General Plan Update would to be significant. Compliance with goals and policies of the Land Use, Community Design, and Historic Resources Element of the proposed 2010 General Plan Update and SCs 4.1-6 through 4.1-13 would reduce impacts; however, impacts would remain significant and unavoidable.</p> | <p>SC 4.1-6 Refer to Scenic Highways, above.</p> <p>SC 4.1-7 Refer to Scenic Highways, above.</p> <p>SC 4.1-8 The Rancho Cucamonga General Plan regulates all land uses in the City. Consistency with the goals, policies and programs related to community design in the Rancho Cucamonga General Plan, as amended, shall be required for all development projects.</p> <p>SC 4.1-9 Future development and redevelopment within the City shall comply with the City's Development Code, which provides development standards and design guidelines for different development districts. Future development and redevelopment projects shall comply with applicable design guidelines in the Development Code.</p> <p>SC 4.1-10 Future development and redevelopment within the City shall comply with the City's Design Guidelines for Residential and Commercial-Industrial land uses that promote quality development in new</p> | <p>Significant and Unavoidable.</p> |

**TABLE ES-1 (Continued)
SUMMARY OF ENVIRONMENTAL IMPACTS**

| Impact | Mitigation Program | Level Of Significance After Mitigation |
|---|--|--|
| | <p>development and redevelopment projects. These design guidelines address site planning, subdivision layout, architecture, grading, landscaping, fencing, trails, sign programs, and master planning requirements. They are used in the design review of individual development proposals that are submitted to the City for approval.</p> <p>SC 4.1-11 Future development and redevelopment within the City shall comply with the City's Sign Ordinance in order to limit the visual clutter and improve streetscapes in the City by regulating the size, color, location, number, design, lighting, and types of signs that are installed in the City.</p> <p>SC 4.1-12 As part of the City's Landscape Maintenance Districts, parkways and public landscapes in the City shall be continually maintained to enhance the City's positive visual image.</p> <p>SC 4.1-13 Future development and redevelopment within the City shall comply with the City's Wireless Communication Ordinance to avoid the visual incompatibility of communication towers and antennas with the local streetscape or with views of the City from freeways and major roadways. Siting, design, and configuration standards shall limit the number of communication towers and antennas in the City and/or screen them from public views.</p> | |
| <p>Light and Glare New sources of light and glare that would accompany future development and redevelopment under the proposed 2010 General Plan Update would need to comply with the City's lighting standards (SC 4.1-5) to prevent spillover onto adjacent properties prepare a lighting plan (SC 4.1-14) and maintain adequate solar easements to allow adequate sunlight (SC 4.1-15). Impacts would be less than significant.</p> | <p>SC 4.1-5 Refer to Scenic Vistas, above.</p> <p>SC 4.1-14 A detailed on-site lighting plan, including a photometric diagram, shall be reviewed and approved by the Planning Director and Police Department (477 2800) prior to the issuance of building permits. Such plan shall indicate style, illumination, location, height, and method of shielding so as not to adversely affect adjacent properties.</p> <p>SC 4.1-15 Solar access easements shall be dedicated for the purpose of assuming that each lot or dwelling unit shall have the right to receive sunlight across adjacent lots or units for use of a solar energy system. The easements may be contained in a Declaration of Restrictions for</p> | <p>Less Than Significant.</p> |

**TABLE ES-1 (Continued)
SUMMARY OF ENVIRONMENTAL IMPACTS**

| Impact | Mitigation Program | Level Of Significance After Mitigation |
|---|---|--|
| | the subdivision which shall be recorded concurrently with the recordation of the final map or issuance of permits, whichever comes first. The easements shall prohibit the casting of shadows by vegetation, structures, fixtures, or any other object, except for utility wires and similar objects, pursuant to Development Code Section 17.08.060-G-2. | |
| Cumulative Impacts Future development pursuant to the 2010 General Plan Update would contribute to the cumulative loss of undeveloped land and would continue the trend of urbanization. | Refer to SCs 4.1-1 through 4.1-15, above. | Significant and Unavoidable. |
| SECTION 4.2 – AGRICULTURAL RESOURCES | | |
| Farmland Resources Future development under the proposed Land Use Plan would lead to the conversion of 196.26 acres of Important Farmland into non-agricultural uses. | No measures are identified. | Significant and Unavoidable. |
| Agricultural Zoning Future development under the proposed Land Use Plan would lead to the conversion of vineyards and orchards to urban uses, but this will not create any conflict with the existing zoning, which allows agricultural uses as an interim use. | No measures are required. | No Impact. |
| Forest Land and Timberlands The proposed 2010 General Plan Update Study Area does not contain any forest land or timberland, nor is it zoned as such. | No measures are required. | No Impact. |

**TABLE ES-1 (Continued)
SUMMARY OF ENVIRONMENTAL IMPACTS**

| Impact | Mitigation Program | Level Of Significance After Mitigation |
|---|---|--|
| <p>Cumulative Impacts Future development in the City of Rancho Cucamonga and San Bernardino County would lead to the cumulative decrease of Important Farmland acreage and agricultural crop production value, representing a significant impact.</p> | <p>No measures are identified.</p> | <p>Significant and Unavoidable.</p> |
| <p>SECTION 4.3 – AIR QUALITY</p> | | |
| <p>Air Quality Management Plan Consistency The SCAQMD's CEQA Handbook identifies two key indicators of consistency, Criterion 1 and Criterion 2. The proposed 2010 General Plan Update would be consistent with Criterion 1 and 2.</p> | <p>No measures are required.</p> | <p>No impact.</p> |
| <p>Air Quality Standards Violation and Exposure of Sensitive Receptors The net change in emissions with implementation of the proposed 2010 General Plan Update when compared to the Existing Conditions (2009) would decrease significantly for CO, VOC and NOx, and increase for PM_{2.5}, PM₁₀ and SOx. The net increase in SOx emissions would not exceed the SCAQMD threshold and would be considered a less than significant impact. Estimated net emissions of PM_{2.5} and PM₁₀ would exceed SCAQMD thresholds and would be a significant impact. Regarding TACs, there are no rail yards in the City, and there are no new residential land uses proposed next to freeways. Therefore, there would be a less than significant TAC impact from emissions of Diesel</p> | <p>MM 4.3-1 The City of Rancho Cucamonga shall work with the applicants of future projects to be developed under the proposed 2010 General Plan Update to implement the following measures, derived from the SCAQMD's AQMP, where feasible, in order to reduce criteria air pollutant emissions, primarily related to vehicular travel and energy. Potential measures for consideration in future projects include:</p> <ul style="list-style-type: none"> • Provide adequate ingress and egress at all entrances to public facilities to minimize vehicle idling at curbsides. • Provide preferential parking to high occupancy vehicles and shuttle services. • Schedule truck deliveries and pickups during off-peak hour. • Improve thermal integrity of the buildings and reduce thermal load with automated time clocks or occupant sensors. • Landscape with native and/or drought-resistant species to reduce water consumption and to provide passive solar benefits. • Provide lighter color roofing and road materials and tree planning programs to comply with the AQMP Miscellaneous Sources MSC-01 measure. | <p>Significant and Unavoidable.</p> |

**TABLE ES-1 (Continued)
SUMMARY OF ENVIRONMENTAL IMPACTS**

| Impact | Mitigation Program | Level Of Significance After Mitigation |
|---|---|--|
| <p>Particulate Matter.</p> | <ul style="list-style-type: none"> • Comply with the AQMP Miscellaneous Sources PRC-03, and Stationary Sources Operations Enhanced Inspection and Maintenance and ADV-MISC to reduce emissions of restaurant operations. <p>MM 4.3-2</p> <p>The City of Rancho Cucamonga has developed the following requirements for specified land uses to reduce criteria pollutant emissions. These measures shall be verified either during review of project plans and specifications. Measures to be enforced include:</p> <ul style="list-style-type: none"> • All industrial and commercial facilities shall post signs requiring that trucks shall not be left idling for prolonged periods (i.e., in excess of 10 minutes). • All industrial and commercial facilities shall designate preferential parking for vanpools. • All industrial and commercial site tenants with 50 or more employees shall be required to post both bus and Metrolink schedules in conspicuous areas. • All industrial and commercial site tenants with 50 or more employees shall be required to configure their operating schedules around the Metrolink schedule to the extent reasonably feasible. • All residential and commercial structures shall be required to incorporate high efficiency/low polluting heating, air conditioning, appliances, and water heaters. • All residential and commercial structures shall be required to incorporate thermal pane windows and weather-stripping. | |
| <p>Air Quality Standards Violation and Exposure of Sensitive Receptors</p> <p>The net change in emissions with implementation of the proposed 2010 General Plan Update when compared to the Existing Conditions (2009) would decrease significantly for CO, VOC and NOx, and increase for PM2.5, PM10 and SOx. The net increase in SOx emissions would not</p> | <p>SC 4.3-1</p> <p>All new development in the City of Rancho Cucamonga would be required to comply with South Coast Air Quality Management District's Rule 445, Wood Burning Devices. Rule 445 was adopted in March 2008 to reduce emissions of PM2.5 and precludes the installation of indoor or outdoor wood burning devices (i.e. fireplaces/hearths) in new development on or after March 9, 2009.</p> <p>MM 4.3-1</p> <p>Refer to Air Quality Management Plan Consistency, above.</p> | <p>Significant and Unavoidable.</p> |

**TABLE ES-1 (Continued)
SUMMARY OF ENVIRONMENTAL IMPACTS**

| Impact | Mitigation Program | Level Of Significance After Mitigation |
|---|---|--|
| <p>exceed the SCAQMD threshold and would be considered a less than significant impact. Estimated net emissions of PM2.5 and PM10 would exceed SCAQMD thresholds and would be a significant impact. Regarding TACs, there are no rail yards in the City, and there are no new residential land uses proposed next to freeways. Therefore, there would be a less than significant TAC impact from emissions of Diesel Particulate Matter. Implementation of applicable goals and policies, standard condition, and mitigation measures would reduce long-term criteria air pollutant emissions; however, these reductions are not quantifiable at this time. Therefore, the anticipated net increase in PM10 and PM2.5 emissions would be considered significant and unavoidable.</p> | <p>MM 4.3-2 Refer to Air Quality Management Plan Consistency, above.</p> <p>MM 4.3-3 The City of Rancho Cucamonga shall ensure that future projects to be developed under the proposed 2010 General Plan Update implement the following construction-period measures to reduce criteria pollutant emissions, including, but not limited to, compliance with SCAQMD Rules as described below. These measures shall be verified either during review of project plans and specifications and/or during construction. Construction-period measures to be enforced include:</p> <ul style="list-style-type: none"> • All construction equipment shall be maintained in good operating condition so as to reduce operational emissions. Contractor shall ensure that all construction equipment is being properly serviced and maintained as per manufacturers' specifications. Maintenance records shall be available at the construction site for City verification. • Prior to the issuance of any grading permits, the developer shall submit Construction Plans to the City denoting the proposed schedule and projected equipment use. Construction contractors shall provide evidence that low emission mobile construction equipment will be utilized, or that their use was investigated and found to be infeasible for the project. Contractors shall also conform to any construction measures imposed by the South Coast Air Quality Management District (SCAQMD) as well as City Planning staff. • The construction contractor shall utilize electric or clean alternative fuel-powered equipment where feasible. • The construction contractor shall ensure that construction-grading plans include a statement that work crews will shut off equipment when not in use. • All construction equipment shall comply with SCAQMD Rules 402(Nuisance) and Rule 403 (Fugitive Dust Control). • All asphalt shall meet or exceed performance standards noted in SCAQMD Rule 1108 (Cutback Asphalt). • All paints and coatings shall meet or exceed performance standards noted in SCAQMD Rule 1113 (Architectural Coatings). | |

**TABLE ES-1 (Continued)
SUMMARY OF ENVIRONMENTAL IMPACTS**

| Impact | Mitigation Program | Level Of Significance After Mitigation |
|--|---|--|
| | Paints and coatings shall be applied either by hand or high-volume, low-pressure spray. | |
| <p>Cumulative Impacts The SCAB is designated non-attainment for ozone (VOC and NOx are ozone precursors), PM10 and PM2.5. The net change in emissions with implementation of the proposed 2010 General Plan Update when compared to the Existing Conditions (2009) would decrease significantly for VOC and NOx, resulting in a less than significant direct and cumulative impact related to emissions of ozone precursors. Estimated net emissions of PM2.5 and PM10 would result in a significant and unavoidable direct impact. Therefore, because SCAB is designated non-attainment for particulates, this significant and unavoidable direct impact would also be a significant and unavoidable cumulative impact for PM10 and PM2.5 after implementation of proposed 2010 General Plan Update goals and policies and mitigation measures, as feasible.</p> | <p>MM 4.3-1 Refer to Air Quality Management Plan Consistency, above.</p> <p>MM 4.3-2 Refer to Air Quality Management Plan Consistency, above.</p> | Significant and Unavoidable. |
| <p>Odors Construction activity odors related to buildout of the proposed 2010 General Plan Update would be temporary and would not be experienced by a substantial number of people. Buildout of the proposed 2010 General Plan Update is anticipated to result in common local odors in an urban setting, such as from cooking/restaurants, gardening, and industrial land uses. The overall distribution of land uses would remain similar to the existing</p> | No measures are required. | Less Than Significant. |

**TABLE ES-1 (Continued)
SUMMARY OF ENVIRONMENTAL IMPACTS**

| Impact | Mitigation Program | Level Of Significance After Mitigation |
|--|---|--|
| <p>condition, wherein there are no sources of objectionable odors affecting sensitive receptors (such as residential land uses). Also, all future projects would be required to comply with CEQA, including the assessment of odor. Therefore, implementation of the proposed 2010 General Plan Update is not anticipated to result in the generation of objectionable odors affecting a substantial number of people and there would be a less than significant impact.</p> | | |
| <p>SECTION 4.4 – BIOLOGICAL RESOURCES</p> | | |
| <p>Special Status Species Buildout of the proposed General Plan Update Study Area has the potential to impact special status species.</p> | <p>SC 4.4-1 Special status plant and wildlife species have the potential to occur within the proposed General Plan Update Study Area. Any CEQA project that involves the removal of habitat must consider if any special status species (e.g., Threatened or Endangered species, CNPS List 1B and 2 plants, or species protected under Section 15380 of CEQA) are potentially present on the project site and if the project impacts could be considered significant by the City. If potential habitat is present in an area, focused surveys shall be conducted prior to construction activities in order to document the presence or absence of a species on the project site. Botanical surveys shall be conducted during the appropriate blooming period for a species. If no special status species are found on the project site, no additional action is warranted. If special status species are found, appropriate mitigation would be required in coordination with the City.</p> <p>SC 4.4-2 Any project within the proposed General Plan Update Study Area that impacts a Federally listed species shall be required to secure take authorization through Section 7 or Section 10 of the Federal Endangered Species Act (FESA) prior to project implementation. Compensation for impacts to the listed species and their habitat shall be mitigated at a ratio no less than one to one (one acre restored for every acre impacted). Project applicants shall be required to plan, implement, monitor, and maintain the mitigated habitat according to the requirements of the Biological Opinion (Section 7) or Habitat</p> | <p>Less Than Significant.</p> |

**TABLE ES-1 (Continued)
SUMMARY OF ENVIRONMENTAL IMPACTS**

| Impact | Mitigation Program | Level Of Significance After Mitigation |
|--------|---|--|
| | <p>Conservation Plan (Section 10) for the project. Prior to issuance of the first action and/or permit which would allow for site disturbance (e.g., grading permit), a detailed mitigation plan shall be prepared by a qualified biologist for approval by the City of Rancho Cucamonga and the USFWS, and shall include: (1) the responsibilities and qualifications of the personnel to implement and supervise the plan; (2) site selection; (3) site preparation and planting implementation; (4) a schedule; (5) maintenance plan/guidelines; (6) a monitoring plan; and (7) long-term preservation requirements.</p> <p>SC 4.4-3</p> <p>Any project within the proposed General Plan Update Study Area that impacts a State-listed Threatened or Endangered species shall be required to obtain take authorization (through an Incidental Take Permit) pursuant to the California Endangered Species Act (CESA) and Section 2081 of the California Fish and Game Code. If the species is also listed under the FESA, a consistency finding per Section 2080.1 of CESA is issued when a project receives the USFWS Biological Opinion. Compensation for impacts to the listed species and their habitat shall be mitigated at a ratio no less than one to one (one acre restored for every acre impacted). Project applicants shall be required to plan, implement, monitor, and maintain the mitigated habitat according to the requirements of the 2080 CEQA process. Prior to issuance of the first action and/or permit which would allow for site disturbance (e.g., grading permit), a detailed Mitigation Plan shall be prepared by a qualified Biologist for approval by the City of Rancho Cucamonga and the California Department of Fish and Game (CDFG), and shall include: (1) the responsibilities and qualifications of the personnel to implement and supervise the plan; (2) site selection; (3) site preparation and planting implementation; (4) a schedule; (5) a maintenance plan/guidelines; (6) a monitoring plan; and (7) long-term preservation requirements.</p> <p>SC 4.4-4</p> <p>To avoid conflicts with Migratory Bird Treaty Act and Bald/Golden Eagle Protection Act, construction activities involving vegetation removal shall be conducted between September 16 and March 14. If construction occurs inside the peak nesting season (between March 15 and September 15), a pre-construction survey (or possibly multiple surveys) by a qualified biologist are recommended prior to construction activities to identify any active nesting locations. If the biologist does not find any active nests within the project site, the</p> | |

**TABLE ES-1 (Continued)
SUMMARY OF ENVIRONMENTAL IMPACTS**

| Impact | Mitigation Program | Level Of Significance After Mitigation |
|---|---|--|
| | <p>construction work shall be allowed to proceed. If the biologist finds an active nest within the project site and determines that the nest may be impacted, the biologist shall delineate an appropriate buffer zone around the nest; the size of the buffer zone shall depend on the affected species and the type of construction activity. Any active nests observed during the survey shall be mapped on an aerial photograph. Only construction activities (if any) that have been approved by a biological monitor shall take place within the buffer zone until the nest is vacated. The biologist shall serve as a construction monitor when construction activities take place near active nest areas to ensure that no inadvertent impacts on these nests occur. Results of the pre-construction survey and any subsequent monitoring shall be provided to the CDFG and the City.</p> <p>SC 4.4-5</p> <p>To avoid conflict with Sections 3503, 3503.5, and 3513 of the California Fish and Game Code, the Standard Condition outlined above for the Migratory Bird Treaty Act (SC 4.4-4) shall be implemented. The Migratory Bird Treaty Act mirrors the requirements for CDFG code relative to the protection of migratory birds and prohibits taking and possession of any migratory nongame bird, as designated in the Migratory Bird Treaty Act.</p> | |
| <p>Riparian Habitat and Jurisdictional Areas Proposed development projects within the City have the potential to impact protected wetland areas and other significant natural communities.</p> | <p>SC 4.4-6</p> <p>A jurisdictional delineation shall be conducted if a project will impact jurisdictional resources. Permits from the U.S. Army Corps of Engineers (USACE) and Regional Water Quality Control Board (RWQCB) shall be required for impacts on areas within these agencies' jurisdiction. Acquisition and implementation of the permits may require mitigation. Compensation for impacts to jurisdictional resources shall be mitigated at a ratio no less than one to one (one acre restored for every acre impacted). Project applicants shall be required to plan, implement, monitor, and maintain the mitigated jurisdictional resource according to the requirements of USACE and RWQCB approval requirements. Prior to issuance of the first action and/or permit that would allow for site disturbance (e.g., grading permit), a detailed mitigation plan shall be prepared by a qualified Biologist for approval by the City of Rancho Cucamonga and the appropriate resource agencies, and shall include: (1) the responsibilities and qualifications of the personnel to implement and supervise the plan; (2) site selection; (3) site preparation and planting implementation; (4) a schedule; (5) maintenance plan/guidelines; (6) a</p> | <p>Less Than Significant.</p> |

**TABLE ES-1 (Continued)
SUMMARY OF ENVIRONMENTAL IMPACTS**

| Impact | Mitigation Program | Level Of Significance After Mitigation |
|---|---|--|
| | <p>monitoring plan; and (7) long-term preservation requirements.</p> <p>SC 4.4-7</p> <p>The Porter-Cologne Act and Sections 1600–1616 of the <i>California Fish and Game Code</i> protect “Waters of the State”. Agreements (Streambed Alteration Agreements) from the CDFG shall be required for impacts on areas within the CDFG jurisdiction. Acquisition and implementation of the agreement may require mitigation. Compensation for impacts to CDFG resources shall be mitigated at a ratio no less than one to one (one acre restored for every acre impacted). Project applicants shall be required to plan, implement, monitor, and maintain the mitigation areas according to CDFG requirements. Prior to issuance of the first action and/or permit which would allow for site disturbance (e.g., grading permit), a detailed mitigation plan shall be prepared by a qualified biologist for approval by the City of Rancho Cucamonga and CDFG, and shall include: (1) the responsibilities and qualifications of the personnel to implement and supervise the plan; (2) site selection; (3) site preparation and planting implementation; (4) a schedule; (5) maintenance plan/guidelines; (6) a monitoring plan; and (7) long-term preservation requirements.</p> | |
| <p>Wildlife Movement Buildout of the proposed General Plan Update Study Area has the potential to disrupt wildlife movement through the loss of open space corridors.</p> | <p>No measures required.</p> | <p>Less Than Significant.</p> |
| <p>Biological Resource Policies Buildout of the proposed General Plan Update Study Area has the potential to result in removal of trees and plants protected by local and County ordinances.</p> | <p>SC 4.4-8</p> <p>The County of San Bernardino’s Code of Ordinances (Title 8, Division 8, Chapter 88.01 – Plant Protection and Management) provides regulations and guidelines for the management of plant resources in the unincorporated areas of the County on property or combinations of property under private or public ownership. Prior to the removal of a protected tree or plant within the unincorporated SOI, a removal permit shall be obtained.</p> <p>SC 4.4-9</p> <p>The City’s Tree Preservation Municipal Code (Title 19, Environmental Protection – Chapter 19.08) states that eucalyptus, palm, oak, sycamore, pine and other trees growing within the City are a natural aesthetic resource and are worthy of protection. Prior to removal of a</p> | <p>Less Than Significant.</p> |

**TABLE ES-1 (Continued)
SUMMARY OF ENVIRONMENTAL IMPACTS**

| Impact | Mitigation Program | Level Of Significance After Mitigation |
|---|--|--|
| | Heritage Tree within the City limits, a Tree Removal Permit shall be obtained from the Planning Director and replacement trees may be required consistent with the City code. | |
| <p>Habitat Conservation Plans/Natural Community Conservation Plans The General Plan Study Area is not located within an adopted HCP, NCCP, or other approved local, regional, or State habitat conservation plan. No impact would occur.</p> | No measures required. | No Impact. |
| <p>Cumulative Impacts The 2010 General Plan Update Study Area is relatively isolated from other areas containing significant biological resources that would be subject to future development. Cumulative impacts would be less than significant.</p> | No measures are required. | Less Than Significant. |
| SECTION 4.5 – CLIMATE CHANGE | | |
| <p>Greenhouse Gas Emissions The proposed 2010 General Plan Update would result in an estimated gross increase of GHG emissions of 556,003 MTCO_{2e} per year. Implementation of SCs, the 2010 General Plan Update goals and policies, and MMs would reduce the GHG emissions; however, emissions would not reduced to less than the 100,000 MTCO_{2e} per year threshold. The impact would be significant and unavoidable.</p> | <p>SC 4.5-1 The City of Rancho Cucamonga shall actively participate in the development of the Sustainable Communities Strategy (SCS) within San Bernardino County, being prepared by SANBAG pursuant to SB 375, and agree to comply with the requirements of the SCS, including preparation of a Climate Action Plan for the City.</p> <p>SC 4.5-2 The City of Rancho Cucamonga adopted Ordinance No. 823 (Chapter 17.42 of the Municipal Code), Water Efficient Landscaping in December 2009. This ordinance, following the requirements of AB 1881, was developed to improve both water conservation and water retention. Methods include but are not limited to (1) maximizing the use of recycled water and other water conserving technology, (2) promoting the use of low water use plants, (3) designing and managing landscapes so that water demand can be decreased, and (4) promoting public education about water conservation and efficient</p> | Significant and Unavoidable. |

**TABLE ES-1 (Continued)
SUMMARY OF ENVIRONMENTAL IMPACTS**

| Impact | Mitigation Program | Level Of Significance After Mitigation |
|--------|---|--|
| | <p>water management.</p> <p>SC 4.5-3</p> <p>The City has adopted and is implementing the Green Team Sustainability Action Matrix. This program is applicable to the City's Municipal Operations and demonstrates the City's direction towards sustainability. Elements of the program that contribute to GHG emissions reduction include the following (Rancho Cucamonga 2010).</p> <p>Climate Protection</p> <ul style="list-style-type: none"> • Complete and maintain tree inventory with goal of increasing amount of trees in city. • Put City services, including permitting and class registration, online to minimize trips and paper. • Prohibit wood-burning fireplaces in new development. <p>Green Buildings</p> <ul style="list-style-type: none"> • Develop a program, goals and timeline to move City operations towards net-zero and grid neutral. • Explore LEED certification for future public buildings. • Energy Efficient Appliances, Electrical, and Mechanical Equipment Program allows for permit fee waiver for installation of energy efficient appliances and other mechanical equipment and provides for green building certification for two inspectors. ARRA funded. • Home Improvement Program Energy Efficiency Revolving Loan providing low-income residents with loans for energy efficient upgrades. <p>Energy</p> <ul style="list-style-type: none"> • Adopt a resolution requiring at least 20% of City energy electricity purchases to be renewable by 2010 and 33% by 2020. • Retrofit city red traffic signal lights with LEDs. • Retrofit green and yellow city traffic signal lights with LEDs as replacements are needed. • Design all new City buildings to maximize cost-effective energy | |

**TABLE ES-1 (Continued)
SUMMARY OF ENVIRONMENTAL IMPACTS**

| Impact | Mitigation Program | Level Of Significance After Mitigation |
|--------|--|--|
| | <p>efficiency.</p> <ul style="list-style-type: none"> • Retrofit all City facilities with energy-efficient lighting and lighting controls. • Complete an HVAC Comprehensive Study to ensure facilities' HVAC systems run at maximum efficiency. As part of this effort, replace large City building pumps and electric motors with "variable speed drives" which respond to demand, and modernize the Civic Center's system to replace the old and inefficient compressors. • Offer RCMU customers energy audits of their facilities. • Offer RCMU customers rebates for lighting retrofits, HVAC tune-up, and solar installations. • Replace gas-powered grounds maintenance mowers with electric whenever possible. • Retrofit park lighting with efficient fixtures. • Generate a baseline of City energy usage and cost; develop a plan, including goals and a timeline, to maximize energy efficiency and the use of cost-effective alternate sources of energy. • Explore additional opportunities for the use of renewable energy sources, including solar electricity, solar hot water and wind, especially near the Cajon Pass. • Research energy efficiency of City street lights (solar and LED). • Monitor developing energy efficiency technologies, including LEDs for lighting and new solar systems. <p>Water</p> <ul style="list-style-type: none"> • Install a computerized irrigation control system to manage irrigation on over 400 individual parks and landscaped parkways. • Amend code to allow use of artificial turf and encourage use at city facilities where appropriate. • Test high efficiency urinals, toilets and other fixtures and install those that are viable in all City facilities | |

**TABLE ES-1 (Continued)
SUMMARY OF ENVIRONMENTAL IMPACTS**

| Impact | Mitigation Program | Level Of Significance After Mitigation |
|--------|---|--|
| | <p>Waste Management</p> <ul style="list-style-type: none"> • Reduce amount of paper waste. Reduce number of agenda packets produced. Post financial documents online. Transition to electronic format for City Manager's Weekly. • Enact an ordinance requiring construction and demolition projects to divert 50% of waste. Require permittees to pay a diversion deposit. • Provide residents with three collection containers (recyclables, green waste, and trash). Provide programs for businesses, multi-unit residences, and school programs to meet the needs of the facilities. <p>Transportation</p> <ul style="list-style-type: none"> • Implement 4/10 work schedule to reduce employee driving. • Install electric vehicle charging stations (The City installed 21 electric vehicle charging stations in high traffic City facilities and parks, including the Civic Center and the Metrolink Train Station.) • Replace gas-powered utility carts with electric carts (15 replaced so far). • Replace City vehicles with new energy and/or fuel efficient models such as hybrid electric vehicles when replacing vehicles or increasing the City's fleet (City has 6 hybrids, and plans to acquire 22 more). • Replace diesel-powered vehicles with Compressed Natural Gas (CNG) vehicles, including street sweepers, dump trucks, heavy trucks, fire equipment, and tractors. (Anticipates all to be replaced by 2020). • Build a CNG fueling station to serve the new Green fleet. Explore options of extending access to other public agencies and public. • Utilize automatic vehicle locator (AVL) technology to optimize City vehicle routing. • Expand the partnerships with all local and regional transit and transportation agencies and other organizations to maintain and enhance local transportation options. • Partner with local transit agencies to promote use of public | |

**TABLE ES-1 (Continued)
SUMMARY OF ENVIRONMENTAL IMPACTS**

| Impact | Mitigation Program | Level Of Significance After Mitigation |
|--------|---|--|
| | <p>transportation.</p> <ul style="list-style-type: none"> • Explore employee bicycling programs. • Explore providing shuttle linking hotels, commercial centers and civic center. • Provide carpool and explore vanpool opportunities for City employees. <p>Procurement</p> <ul style="list-style-type: none"> • Use of online/electronic procurement • Fleet optimization: assisting Fleet to procure vehicles that includes providing gas efficient vehicles, replacing vehicles when needed, etc. • When opportunities arise, reconfigure office space to create better working environments, i.e., views and natural light. • Electronic bidding to reduce paper. • Develop a policy to only purchase Energy Star-rated or higher energy-efficient equipment. <p>Education</p> <ul style="list-style-type: none"> • Educate all City Employees on current and future sustainability policies. • Promote the City's green efforts to the community and other stakeholders. • Facilitate partnerships with the city's businesses to encourage the implementation of green practices. • Explore all appropriate partnerships with public agencies, school districts, utility companies, and other organizations in order to maximize sustainability education initiatives (essential partners). • Report annually on the status of the Sustainability Action Plan. <ul style="list-style-type: none"> • Develop a Recognition Program to honor local businesses and others who practice sustainability initiatives. | |

**TABLE ES-1 (Continued)
SUMMARY OF ENVIRONMENTAL IMPACTS**

| Impact | Mitigation Program | Level Of Significance After Mitigation |
|---|--|--|
| | <ul style="list-style-type: none"> • Take advantage of City events to promote sustainability. <p>MM 4.5-1 The City of Rancho Cucamonga will review the proposed 2010 General Plan Update policies included in Section 4.5.4 with a goal of developing enforceable actions for reducing GHG emissions consistent with City practice and philosophy.</p> <p>MM 4.5-2 The City of Rancho Cucamonga will develop, adopt, and implement a Climate Action Plan (CAP) that incorporates and is consistent with the GHG emissions reductions goals of the State, San Bernardino County, and the SCAQMD or alternatively, the City will adopt and implement the applicable portions of a higher level CAP, such as that of San Bernardino County or SANBAG. An acceptable CAP shall include an emissions inventory; emission targets that apply at reasonable intervals through the life of the plan; enforceable GHG control measures; monitoring and reporting; and mechanisms to allow for the revision of the plan, if necessary, to stay on target, and must be adopted in a public process following environmental review, as described in CEQA Guidelines Section 15183.5.</p> <p>MM 4.5-3 The City of Rancho Cucamonga shall join the proposed Joint Powers Authority (JPA) to be called the San Bernardino Valley Clean Energy District. This JPA is being formed in response to California AB 811, and would allow property owners to finance renewable generation and energy efficiency improvements that are permanently fixed to the property owner's residential, commercial, industrial, or other real property through low-interest loans that would be repaid as an item on the property owner's property tax bill. The loans could not be used to finance the purchase or installation of appliances that are not permanently fixed to the real property.</p> | |
| <p>Compatibility With Plans, Policies, and Regulations The proposed 2010 General Plan Update would not conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases.</p> | | Less Than Significant. |

**TABLE ES-1 (Continued)
SUMMARY OF ENVIRONMENTAL IMPACTS**

| Impact | Mitigation Program | Level Of Significance After Mitigation |
|---|--|--|
| The impact would be less than significant. | | |
| Cumulative Impacts Greenhouse gas emissions would exceed the CARB de minimus threshold for transportation sources and would be cumulatively considerable. | Refer to SCs 4.5-1 through 4.5-1 and MMs 4.5-1 through 4.5-1, above. | Significant and Unavoidable. |
| SECTION 4.6 – CULTURAL RESOURCES | | |
| Historical Resources Buildout of the proposed 2010 General Plan Update has the potential to significantly impact historical resources. | SC 4.6-1 If a future project pursuant to the 2010 General Plan Update contains a designated Historical Landmark, the site shall be developed and maintained in accordance with the applicable Historic Landmark Alteration Permit. Any further modifications to the site including, but not limited to, exterior alterations and/or interior alterations which affect the exterior of the buildings or structures, removal of landmark trees, demolition, relocation, reconstruction of buildings or structures, or changes to the site, shall require a modification to the Historic Landmark Alteration Permit subject to Historic Preservation Commission review and approval. MM 4.6-1 Prior to the issuance of grading permits for any future development within the General Plan Study Area, project applicants shall ensure that, to the maximum extent possible, direct or indirect impacts to any known properties that are deemed eligible for inclusion on the National Register of Historic Places (NRHP), the California Register of Historic Resources (CRHR), or a local designation be avoided and/or preserved consistent with the Secretary of the Interior’s Standards for the Treatment of Historic Properties. Should avoidance and/or preservation not be a feasible option, a qualified architectural historian shall develop a mitigation program which may include, but not be limited to, formal documentation of the structure using historical narrative and photographic documentation, facade preservation, or monumentation. Properties are not equally significant, and some retain more significance than others. Therefore, prior to development decisions being made, a qualified architectural historian shall be retained to evaluate the circumstance regarding the property and planned development, and to make management decisions regarding documentation of the property. | Less Than Significant With Mitigation. |

**TABLE ES-1 (Continued)
SUMMARY OF ENVIRONMENTAL IMPACTS**

| Impact | Mitigation Program | Level Of Significance After Mitigation |
|--|---|---|
| <p>Archaeological Resources The proposed 2010 General Plan Update has the potential to impact unknown archaeological sites.</p> | <p>MM 4.6-2 Prior to the issuance of a grading permit for any future development within the 2010 General Plan Update Study Area, the project applicant shall retain a qualified archaeologist to assess if any of the 18 known archaeological sites identified within the Study Area, or other unknown archaeological sites, may be within the proposed construction impact or buffer zone areas. To the maximum extent feasible, known archaeological sites shall be avoided through project design modifications. If avoidance is not feasible, those sites that will be impact shall be subjected to a Phase II evaluation, which may include further archival research and ethnographic research as well as subsurface testing to determine (1) the horizontal and the vertical extent of a resource; (2) the stratigraphic integrity of a resource; and (3) the density and diversity of artifactual material. The Phase II evaluation shall include a report describing the findings and recommendations for further evaluation if required.</p> <p>Should the Phase II evaluation identify a significant resource where avoidance and/or preservation are not feasible, a Phase III mitigation or data recovery phase shall be conducted. The Phase III work shall provide sufficient scientific information to fully mitigate the impacts of development on these sites and shall be performed in accordance with the standards of the State Historic Preservation Office (SHPO).</p> <p>Excavated finds shall be offered to the City of Rancho Cucamonga or its designee on a first refusal basis. If the artifacts are refused, the landowner may retain said finds if the project applicant provides written assurance that they will be properly preserved in the City of Rancho Cucamonga, unless (1) said finds are of special significance or (2) a museum in the City of Rancho Cucamonga indicates a desire to study and/or display them, in which case the items shall be donated to the City or its designees. If the project applicant provides no such assurance, the City shall retain the artifacts and shall be subject to the same stipulations set forth in this mitigation measure for disposition of artifacts. Final mitigation shall be carried out based upon the recommendations in the Phase II Report, and the City of Rancho Cucamonga Planning Director shall make a determination as to the site's disposition based on the recommendation of the qualified archaeologist. Possible determinations include, but are not limited to, preservation, salvage, partial salvage, or no mitigation necessary.</p> | <p>Less Than Significant With Mitigation.</p> |

**TABLE ES-1 (Continued)
SUMMARY OF ENVIRONMENTAL IMPACTS**

| Impact | Mitigation Program | Level Of Significance After Mitigation |
|---|---|---|
| | <p>MM 4.6-3</p> <p>If any prehistoric archaeological resources are encountered before or during grading, the developer will retain a qualified archaeologist to monitor construction activities, to take appropriate measures to protect or preserve them for study. With the assistance of the archaeologist, the City of Rancho Cucamonga will:</p> <ul style="list-style-type: none"> • Enact interim measures to protect undesignated sites from demolition or significant modification without an opportunity for the City to establish its archaeological value. • Consider establishing provisions to require incorporation of archaeological sites within new developments, using their special qualities as a theme or focal point. • Pursue educating the public about the archaeological heritage of the area. • Propose mitigation measures and recommend conditions of approval to eliminate adverse project effects on significant, important, and unique prehistoric resources, following appropriate CEQA guidelines. • Prepare a technical resources management report, documenting the inventory, evaluation, and proposed mitigation of resources within the project area. Submit one copy of the completed report, with original illustrations, to the San Bernardino County Archaeological Information Center for permanent archiving. | |
| <p>Paleontological Resources</p> <p>The proposed 2010 General Plan Update has the potential to impact non-renewable paleontological resources.</p> | <p>MM 4.6-4</p> <p>If any paleontological resource (i.e. plant or animal fossils) are encountered before or during grading, the developer will retain a qualified paleontologist to monitor construction activities, to take appropriate measures to protect or preserve them for study. The paleontologist shall submit a report of findings that will also provide specific recommendations regarding further mitigation measures (i.e., paleontological monitoring) that may be appropriate. Where mitigation monitoring is appropriate, the program must include, but not be limited to, the following measures:</p> <ul style="list-style-type: none"> • Assign a paleontological monitor, trained and equipped to allow the rapid removal of fossils with minimal construction delay, to the site full-time during the interval of earth-disturbing activities. | <p>Less Than Significant With Mitigation.</p> |

**TABLE ES-1 (Continued)
SUMMARY OF ENVIRONMENTAL IMPACTS**

| Impact | Mitigation Program | Level Of Significance After Mitigation |
|--|---|--|
| | <ul style="list-style-type: none"> • Should fossils be found within an area being cleared or graded, divert earth-disturbing activities elsewhere until the monitor has completed salvage. If construction personnel make the discovery, the grading contractor should immediately divert construction and notify the monitor of the find. • Prepare, identify, and curate all recovered fossils for documentation in the summary report and transfer to an appropriate depository (i.e., San Bernardino County Museum). • Submit summary report to City of Rancho Cucamonga. Transfer collected specimens with a copy to the report to San Bernardino County Museum. | |
| <p>Human Remains The proposed 2010 General Plan Update has the potential to disturb unknown human remains.</p> | <p>SC 4.6-2 If human remains are discovered on-site before or during grading, no further disturbance shall occur until the County Coroner has made a determination of origin and disposition pursuant to Public Resources Code Section 5097.98 and California Health and Safety Code Section 7050.5.</p> | Less Than Significant. |
| <p>Cumulative Impacts Direct impacts to cultural resources are generally site specific; loss of historic resources may cumulatively contribute to the loss of historic resources throughout the region.</p> | Refer to SC 4.6-1 and MM 4.6-1, above. | Less Than Significant With Mitigation. |
| SECTION 4.7 – GEOLOGY AND SOILS | | |
| <p>Seismic Hazards Future development and redevelopment under the proposed 2010 General Plan Update would be exposed to seismic hazards, including surface rupture, ground shaking, liquefaction, landslides, and seismic settlement.</p> | <p>SC 4.7-1 In accordance with the Natural Hazards Disclosure Act, agents and sellers of real property located within a designated Alquist-Priolo Earthquake Hazard Zone shall disclose to any prospective purchaser that the property is within an Earthquake Hazard Zone pursuant to the requirements of the Act.</p> <p>SC 4.7-2 In accordance with the Alquist-Priolo Earthquake Fault Zone Act, development within the designated Earthquake Fault Zone for the Red Hill Fault and Cucamonga Fault are required to prepare detailed geotechnical investigations for land subdivisions and developments of four units or more. The California Geological Survey (CGS) has developed general guidelines for fault hazard evaluations, as</p> | Less Than Significant. |

**TABLE ES-1 (Continued)
SUMMARY OF ENVIRONMENTAL IMPACTS**

| Impact | Mitigation Program | Level Of Significance After Mitigation |
|---|--|--|
| | <p>contained in CGS Note 49. Compliance with the A P Act would reduce hazards from surface rupture along the Red Hill and Cucamonga Faults.</p> <p>SC 4.7-3 Development of projects pursuant to the proposed 2010 General Plan Update shall comply with the City's modifications to the Alquist-Priolo Earthquake Fault Zone Act that call for geotechnical investigations for all proposed structures designed for human occupancy within the expanded A-P Zones, including a zone along a splay of the Cucamonga Fault and another zone along the scarp at Red Hill. Also, geotechnical investigations are required for essential and critical facilities along the buried/uncertain segment of the Red Hill Fault, with a setback requirement of at least 50 feet.</p> <p>SC 4.7-4 In accordance with the City's Building Regulations, as contained in Title 15, Buildings and Construction of the Rancho Cucamonga Municipal Code, which includes adoption of the 2007 California Building Code (CBC), all construction shall comply with the DBC and the amendments and exemptions to the CBC that the City has adopted. This Title requires site-specific investigation and establishes construction standards and inspection procedures to ensure that development does not pose a threat to public safety.</p> <p>SC 4.7-5 In hillside areas, residential developments shall be graded and constructed consistent with the standards contained in the Hillside Development Regulations Section 17.24.070.</p> | |
| <p>Soil Erosion Soil erosion hazards are present in the City and ground disturbance associated with the construction of new development and redevelopment projects under the proposed 2010 General Plan Update may lead to wind and water erosion.</p> | <p>SC 4.7-5 Refer to Seismic Hazards, above.</p> <p>SC 4.7-6 Development projects pursuant to the proposed 2010 General Plan Update shall comply with the City's Grading Ordinance which is contained in Title 19, Environmental Protection – Chapter 19.04 of the Rancho Cucamonga Municipal Code and requires the submission of grading plans for approval by the grading committee to ensure that grading activities retain the natural terrain; preserve significant topographic features; and limit construction on identified seismic or geologic hazard areas in the hillside areas of the City.</p> | <p>Less Than Significant.</p> |

**TABLE ES-1 (Continued)
SUMMARY OF ENVIRONMENTAL IMPACTS**

| Impact | Mitigation Program | Level Of Significance After Mitigation |
|--|--|--|
| | <p>SC 4.7-7 Development of projects pursuant to the proposed 2010 General Plan Update shall comply with Title 8, Health and Safety – Chapter 8.16 of the Rancho Cucamonga Municipal Code which adopts the County’s Soil Erosion Control Ordinance, as contained in Chapter 88.02 the San Bernardino County Development Code and requires individual property owners within designated soil erosion hazard areas to make reasonable efforts to prevent dust blowing from their property. Exhibit 4.7-4, Soil Erosion Hazard Area, shows the designated soil erosion hazard area in and near the City of Rancho Cucamonga. Dust-control measures are required for various ground-disturbing activities to prevent dust and debris from affecting adjacent properties during high wind conditions.</p> <p>SC 4.7-8 All future building pads shall be seeded and irrigated for erosion control. Detailed plans shall be included in the landscape and irrigation plans to be submitted for Planning Department approval prior to the issuance of building permits.</p> | |
| <p>Geologic Stability Future development and redevelopment would be exposed to geologic hazards in the City and the SOI, which include landslides, soil erosion, and collapsible soils.</p> | <p>SC 4.7-1 Refer to Seismic Hazards, above.</p> <p>SC 4.7-4 Refer to Seismic Hazards, above.</p> <p>SC 4.7-5 Refer to Seismic Hazards, above.</p> <p>SC 4.7-6 Refer to Soil Erosion, above.</p> <p>SC 4.7-9 A geological report shall be prepared for an individual project by a qualified engineer or geologist and submitted at the time of application for grading plan check.</p> <p>SC 4.7-10 The final grading plan, appropriate certifications and compaction reports shall be completed, submitted, and approved by the Building and Safety Official prior to the issuance of building permits.</p> | <p>Less Than Significant.</p> |

**TABLE ES-1 (Continued)
SUMMARY OF ENVIRONMENTAL IMPACTS**

| Impact | Mitigation Program | Level Of Significance After Mitigation |
|---|---|--|
| | <p>SC 4.7-11 A separate grading plan check submittal is required for all new construction projects and for existing buildings where improvements being proposed will generate 50 cubic yards or more of combined cut and fill. The grading plan shall be prepared, stamped, and signed by a California registered Civil Engineer.</p> | |
| <p>Expansive Soils No soil expansion hazards are expected in the City and geotechnical and soils investigations for individual projects will identify the soil expansion index of on-site soils that need to be considered in the design of structures and infrastructure.</p> | <p>SC 4.7-1 Refer to Seismic Hazards, above.</p> <p>SC 4.7-9 Refer to Geologic Stability, above.</p> <p>SC 4.7-12 A soils report shall be prepared by a qualified engineer licensed by the State of California to perform such work.</p> | Less Than Significant. |
| <p>Septic Tanks Septic tanks in areas with soil limitations area expected on sites overlain by Cieneba and Ramona soils, as found at the foothills in the SOI.</p> | <p>SC 4.7-13 As required under Article 4 of Title 3, Division 3, Chapter 1 of the San Bernardino County Code, the installation, use and maintenance of sewage holding tanks shall be regulated by the County Division of Environmental Health Services (DEHS) so that tanks do not affect public health or safety. The DEHS is responsible for issuing permits to construct and use septic tanks, as well as to routinely inspect the tanks for proper operation. Under this regulation, if a sewage collection line becomes available to a property served by a septic tank, the property owner shall connect to the sewer line within 90 days and to abandon the septic tank in accordance with County regulations.</p> <p>SC 4.7-14 Development of projects pursuant to the proposed 2010 General Plan Update shall comply with Chapter 5 of the Santa Ana Region Basin Plan which states that the use of septic systems within the Santa Ana River watershed shall be limited to lots developed with no more than two dwelling units per acre and prohibits these systems in specific areas with water quality problems and where public sewer systems are in place.</p> <p>SC 4.7-15 For projects using septic tank facilities, written certification of acceptability, including all supportive information, shall be obtained from the San Bernardino County Department of Environmental Health</p> | Less Than Significant. |

**TABLE ES-1 (Continued)
SUMMARY OF ENVIRONMENTAL IMPACTS**

| Impact | Mitigation Program | Level Of Significance After Mitigation |
|---|---|--|
| | and submitted to the Building Official prior to the issuance of Septic Tank Permits, and prior to issuance of building permits. | |
| <p>Cumulative Impacts Impacts on geology by new development are not expected to be cumulatively significant because geology impacts are generally site specific.</p> | No measures are required. | Less Than Significant. |
| SECTION 4.8 – HAZARDS AND HAZARDOUS MATERIALS | | |
| <p>Transport, Use, and Disposal of Hazardous Materials Development of projects pursuant to the 2010 General Plan Update would involve the transport, use, and disposal of hazardous materials. However, since future development and redevelopment would comply with applicable hazardous materials regulations, impacts would be less than significant.</p> | <p>SC 4.8-1 Future development and redevelopment shall comply with the Hazardous Materials Transportation Act, as administered by the U.S. Department of Transportation, and which governs the transport of hazardous materials, such as contaminated soil, asbestos, or lead-containing materials. Vehicles transporting hazardous waste materials are required to comply with the regulations, as implemented by the California Department of Transportation (Caltrans).</p> <p>SC 4.8-2 Future development and redevelopment shall comply with the Resource Conservation and Recovery Act regarding the generation, transportation, treatment, storage, and disposal of hazardous waste; the management of non hazardous solid wastes; and underground tanks that store petroleum and other hazardous substances. As part of this Act, corrective action by the owner or operator of the leaking underground storage tank (LUST) or clean up of LUSTs by the USEPA would reduce hazards associated with ground and water contamination by tank leaks, spills, or accidental releases.</p> <p>SC 4.8-3 Future development and redevelopment shall comply with the California Hazardous Waste Control Act, which regulates facilities that generate or treat hazardous wastes. Permits for individual facilities allow the Department of Toxic Substances Control (DTSC) and/or the Certified Unified Program Agency (CUPA, in this case the San Bernardino County Fire Department) to inspect the facilities for compliance and to enforce the provision of the Act.</p> <p>SC 4.8-4 As the designated CUPA, the San Bernardino County Fire Department shall implement the State and Federal regulations for all future</p> | Less Than Significant. |

**TABLE ES-1 (Continued)
SUMMARY OF ENVIRONMENTAL IMPACTS**

| Impact | Mitigation Program | Level Of Significance After Mitigation |
|--|---|--|
| | <p>development and redevelopment related to:</p> <ul style="list-style-type: none"> • Hazardous Materials Release Response Plans and Inventories (Business Plans); • California Accidental Release Prevention Program; • Underground Storage Program; • Aboveground Petroleum Storage Act Program; • Hazardous Waste Generator and On-site Hazardous Waste Treatment Programs; and • California Uniform Fire Code: Hazardous Material Management Plans and Hazardous Material Inventory Statements. <p>SC 4.8-5 Future development and redevelopment shall comply with the California Accidental Release Prevention Program (CalARP), which prevents the accidental release of regulated toxic and flammable substances. It does so by requiring stationary sources using hazardous materials that exceed a threshold quantity to develop and submit a Risk Management Plan that addresses the potential impacts of accidental hazardous materials releases and that includes measures to reduce hazards through prevention, response, and remediation measures.</p> | |
| <p>Accidental Release of Hazardous Materials Future development and redevelopment would not create a significant hazard associated with the release of hazardous materials into the environment, with compliance with existing regulations. Impacts would be less than significant.</p> | <p>SC 4.8-2 Refer to Transport, Use, and Disposal of Hazardous Materials, above.</p> <p>SC 4.8-3 Refer to Transport, Use, and Disposal of Hazardous Materials, above.</p> <p>SC 4.8-4 Refer to Transport, Use, and Disposal of Hazardous Materials, above.</p> <p>SC 4.8-5 Refer to Transport, Use, and Disposal of Hazardous Materials, above.</p> <p>SC 4.8-6 Future development and redevelopment shall comply with South Coast Air Quality Management District (SCAQMD) Rule 1403, which provides guidelines for the proper removal and disposal of asbestos containing materials. In accordance with Rule 1403, structures that</p> | <p>Less Than Significant.</p> |

**TABLE ES-1 (Continued)
 SUMMARY OF ENVIRONMENTAL IMPACTS**

| Impact | Mitigation Program | Level Of Significance After Mitigation |
|--------|---|--|
| | <p>may contain asbestos are required to be subject to an asbestos survey by a Certified Asbestos Consultant (certified by the Occupational Safety and Health Administration [OSHA]) to identify building materials that contain asbestos. Asbestos removal should include prior notification (to the SCAQMD) and compliance with removal procedures and time schedules; asbestos handling and clean-up procedures; and storage, disposal, and land filling requirements under this rule.</p> <p>SC 4.8-7</p> <p>Future development and redevelopment shall comply with the California Code of Regulations (Title 8, Section 1532.1), which requires removal of lead based paint or other materials containing lead to be performed and monitored by contractors with appropriate certifications from the California Department of Health Services. All demolition that could result in the release of lead must be conducted to protect the general population and construction workers from respiratory and other hazards associated with exposure to these materials.</p> <p>SC 4.8-8</p> <p>Future development and redevelopment shall comply with the California Health and Safety Code (Sections 39650 et seq.) and the California Code of Regulations (Title 8, Section 1529), which prohibit emissions of asbestos from asbestos-related demolition or construction activities; require medical examinations and monitoring of employees engaged in activities that could disturb asbestos; specify precautions and safe work practices that must be followed to minimize the potential for release of asbestos fibers; and require notice to Federal and local government agencies prior to beginning renovation or demolition that could disturb asbestos. The standards were developed to protect the general population and construction workers from respiratory and other hazards associated with exposure to these materials.</p> | |

**TABLE ES-1 (Continued)
SUMMARY OF ENVIRONMENTAL IMPACTS**

| Impact | Mitigation Program | Level Of Significance After Mitigation |
|--|---|--|
| <p>Impacts to Schools Future development and redevelopment has the potential to emit hazardous emissions near school facilities. These projects would need to comply with existing regulations to prevent hazards to existing and proposed schools. Impacts would be less than significant.</p> | <p>SC 4.8-1 Refer to Transport, Use, and Disposal of Hazardous Materials, above.</p> <p>SC 4.8-2 Refer to Transport, Use, and Disposal of Hazardous Materials, above.</p> <p>SC 4.8-3 Refer to Transport, Use, and Disposal of Hazardous Materials, above.</p> <p>SC 4.8-4 Refer to Transport, Use, and Disposal of Hazardous Materials, above.</p> <p>SC 4.8-5 Refer to Transport, Use, and Disposal of Hazardous Materials, above.</p> | <p>Less Than Significant.</p> |
| <p>Known Hazardous Materials Future development may include facilities that would be listed in government databases. Redevelopment on sites currently listed on databases may also occur. Compliance with existing regulations would make impacts less than significant.</p> | <p>SC 4.8-2 Refer to Transport, Use, and Disposal of Hazardous Materials, above.</p> <p>SC 4.8-3 Refer to Transport, Use, and Disposal of Hazardous Materials, above.</p> <p>SC 4.8-4 Refer to Transport, Use, and Disposal of Hazardous Materials, above.</p> <p>SC 4.8-5 Refer to Transport, Use, and Disposal of Hazardous Materials, above.</p> | <p>Less Than Significant.</p> |
| <p>Airport Hazards Future development and redevelopment may occur within the two miles of the LA/Ontario International Airport. Compliance with FAA Part 77 guidelines would avoid obstructions to LA/Ontario International Airport's navigable airspace that may occur from future development and/or redevelopment in the City. Impacts would be less than significant.</p> | <p>SC 4.8-9 Future development and redevelopment shall comply with Part 77 of the Federal Aviation Regulations (FAR), which requires notification the Federal Aviation Administration (FAA) to be notified of any project that may encroach upon established navigable airspace. Once notified, the FAA is responsible for the review of site and building plans to determine the effects of proposed construction on air navigation. Measures are then identified to ensure the continued safety of air navigation. Likewise, FAA notification, review, and approval are required for any construction or alteration of a temporary or permanent structure, equipment, highway, railroad, roadway, or natural growth that:</p> <ul style="list-style-type: none"> • Is more than 200 feet in height • Extends into an imaginary surface extending outward and upward at a slope of 100 to 1 for a horizontal distance of 20,000 feet from | <p>Less Than Significant.</p> |

**TABLE ES-1 (Continued)
SUMMARY OF ENVIRONMENTAL IMPACTS**

| Impact | Mitigation Program | Level Of Significance After Mitigation |
|--|---|---|
| | <p>the nearest point of the nearest runway that is 3,200 feet or longer</p> <ul style="list-style-type: none"> Extends into an imaginary surface extending outward and upward at a slope of 50 to 1 for a horizontal distance of 10,000 feet from the nearest point of the nearest runway that is less than 3,200 feet long. | |
| <p>Airstrip Hazards No impact related to hazards from private airstrips would occur with future development and redevelopment in the City.</p> | <p>No measures are required.</p> | <p>Less Than Significant.</p> |
| <p>Emergency Response Future development and/or redevelopment under the proposed 2010 General Plan Update is not expected to interfere with emergency response and evacuation, with compliance with existing Fire District regulations for access and project review. Impacts would be less than significant.</p> | <p>SC 4.8-10 The State Board of Forestry and the California Department of Forestry and Fire Protection (CDF) shall continue to implement the California Fire Plan for all Future development, redevelopment, and existing development within the City of Rancho Cucamonga or the City's Sphere of Influence, to reduce wildland fire hazards at the San Bernardino National Forest and foothills in Rancho Cucamonga.</p> | <p>Less Than Significant.</p> |
| <p>Wildland Fires Future development within designated wildland fire hazards at the northern end of the City and its SOI would represent a potentially significant impact related to wildland fire hazards.</p> | <p>SC 4.8-10 Refer to Emergency Response, above.</p> <p>SC 4.8-11 The City shall implement its Fire Protection District Strategic Plan to increase fire protection and emergency services in the northern end of the City. The Strategic Plan calls for continued efforts to assess and identify high risk areas in the community, development of seasonal programs to communicate the mitigation program goals and objectives to the public, development of fuel modification/brush abatement programs, and a gates and lock access program. The District's Wildland Fire Team shall continue to hone their skills on wildland firefighting techniques, as well as test preparation plans and inter-department communications.</p> <p>SC 4.8-12 Future development shall prepare a Fire Protection Plan that includes measures consistent with the unique problems resulting from the location, topography, geology, flammable vegetation, and climate of</p> | <p>Less Than Significant With Mitigation.</p> |

**TABLE ES-1 (Continued)
SUMMARY OF ENVIRONMENTAL IMPACTS**

| Impact | Mitigation Program | Level Of Significance After Mitigation |
|---|--|---|
| | <p>the proposed development site. The Plan must also address water supply, access, building ignition fire resistance, fire protection systems and equipment, defensible space, and vegetation management. Maintenance requirements for incinerators, outdoor fireplaces, permanent barbeques and grills, and firebreak fuel modification areas are imposed on new developments.</p> <p>MM 4.8-1</p> <p>Future development and redevelopment shall comply with Chapter 7A of the California Building Code (CBC), which includes building standards for the Wildland-Urban Interface Fire Area. The standards call for the use of ignition-resistant materials and design to inhibit the intrusion of flame or burning embers projected by a vegetation fire and help reduce losses resulting from repeated cycles of interface fire disasters. These standards shall apply to the areas within the designated Very High Fire Hazard Severity Zone at the northern end of the City and Sphere of Influence (SOI).</p> | |
| <p>Cumulative Impacts Future development and/or redevelopment in the City and in the rest of the County would increase hazards as more facilities or operations use hazardous materials; are located near airports; and are developed in hillside areas in Very High Fire Hazard Severity Zones. However, these impacts would be largely site-specific and would not represent a significant, cumulative impact.</p> | <p>No measures are required.</p> | <p>Less Than Significant.</p> |
| <p>SECTION 4.9 – HYDROLOGY AND WATER QUALITY</p> | | |
| <p>Water Quality and Waste Discharge Standards Future development and redevelopment have the potential to generate pollutants that could enter the storm drainage system and affect water quality at local and regional creeks and the Santa Ana River. Implementation of BMPs in the SWPPP and a WQMP for individual</p> | <p>SC 4.9-1</p> <p>Chapter 19.20 of the Rancho Cucamonga Municipal Code is the City's Storm Water and Urban Runoff Management and Discharge Control Ordinance, which provides regulations to comply with the CWA, the California Water Quality Control Act, and the City's NPDES permit. This ordinance prohibits the discharge of specific pollutants into the storm water; regulates connections to the storm drain system; and requires development projects to implement permanent BMPs on individual sites to reduce pollutants in the storm water.</p> | <p>Less Than Significant With Mitigation.</p> |

**TABLE ES-1 (Continued)
SUMMARY OF ENVIRONMENTAL IMPACTS**

| Impact | Mitigation Program | Level Of Significance After Mitigation |
|---|--|--|
| <p>projects, and compliance with pertinent Santa Ana RWQCB regulations, the City's Storm Water and Urban Runoff Management and Discharge Control Ordinance, and Policy RC-2.7 and implementation of applicable mitigation would reduce impacts to less than significant levels.</p> | <p>SC 4.9-2 The Santa Ana RWQCB implements the Water Quality Control Plan for the Santa Ana River Basin through the through issuance of individual WDRs; discharge prohibitions; water quality certifications; programs for salt management, non-point sources, and storm water; and monitoring and regulatory enforcement actions, as necessary. Individual developments are required to obtain water quality certifications and/or WDRs and comply with the discharge prohibitions, TMDLs, and various programs of the Board.</p> <p>MM 4.9-1 Prior to issuance of grading permits, the permit applicant shall submit to Building Official for approval, Storm Water Pollution Prevention Plan (SWPPP) specifically identifying Best Management Practices (BMPs) that shall be used on-site to reduce pollutants during construction activities entering the storm drain system to the maximum extent practicable.</p> <p>MM 4.9-2 Prior to issuance of grading or paving permits, applicant shall obtain a Notice of Intent (NOI) to comply with obtaining coverage under the National Pollutant Discharge Elimination System (NPDES) General Construction Storm Water Permit from the State Water Resources Control Board. Evidence that this has been obtained (i.e., a copy of the Waste Discharger's Identification Number (shall be submitted to the City Building Official for coverage under the NPDES General Construction Permit.</p> <p>MM 4.9-3 Prior to issuance of building permits, the applicant shall submit to the City Engineer for approval of a Water Quality Management Plan (WQMP), including a project description and identifying Best Management Practices (BMPs) that will be used on-site to reduce pollutants into the storm drain system to the maximum extent practicable. The WQMP shall identify the structural and non-structural measures consistent with the current Guidelines for New Development and Redevelopment adopted by the City of Rancho Cucamonga.</p> <p>MM 4.9-4 The developer shall implement the BMPs identified in the Water Quality Management Plan prepared by (name/date) to reduce</p> | |

**TABLE ES-1 (Continued)
SUMMARY OF ENVIRONMENTAL IMPACTS**

| Impact | Mitigation Program | Level Of Significance After Mitigation |
|--|---|---|
| | pollutants after construction entering the storm drain system to the maximum extent practical. | |
| <p>Groundwater Future development and redevelopment would not directly impact local groundwater resources, and the increase in demand for groundwater resources at buildout is not expected to result in significant adverse impacts with implementation of applicable regulations and policies, and CVWD water conservation programs. No mitigation is required.</p> | <p>SC 4.9-3 In compliance with the terms of the adjudications for the Chino and Cucamonga Groundwater Basins, the CVWD and other participating entities shall pump groundwater according to their prescriptive water rights as managed by the Chino Basin Watermaster.</p> | <p>Less Than Significant.</p> |
| <p>Drainage and Erosion Changes in drainage patterns would be largely confined to individual development sites and no substantial erosion or siltation impacts would be reduced to less than significant levels with adherence to applicable 2001 General Plan Update policies and applicable regulation as well as implementation of MMs.</p> | <p>SC 4.9-4 The City's Floodplain Management Regulations (Chapter 19.12 of the Rancho Cucamonga Municipal Code) require all structures and land uses within the designated floodplains to be reasonably safe from flooding and not increase the base flood by more than one foot where base flood elevations have been determined but a floodway has not been designated. This is accomplished by the implementation of flood hazard reduction measures, which would include anchoring; flood-resistant materials; drainage around structures; elevation of lowest floor above base flood elevation; floodproofing; elimination of infiltration of floodwater or discharges from water and sewer lines; prohibition of floodway encroachment; and mobile home and recreational vehicle standards. MM 4.9-1</p> <p>MM 4.9-2 Refer to Water Quality and Waste Discharge Standards, above.</p> <p>MM 4.9-5 An Erosion Control Plan shall be prepared, included in the Grading Plan, and implemented for the proposed project that identifies specific measures to control on-site and off-site erosion from the time ground disturbing activities are initiated through completion of grading. This Erosion Control Plan shall include the following measures at a minimum: a) Specify the timing of grading and construction to minimize soil exposure to rainy periods experienced in Southern California, and b) An inspection and maintenance program shall be included to ensure that any erosion which does occur either on-site or</p> | <p>Less Than Significant With Mitigation.</p> |

**TABLE ES-1 (Continued)
SUMMARY OF ENVIRONMENTAL IMPACTS**

| Impact | Mitigation Program | Level Of Significance After Mitigation |
|--|--|--|
| | off-site as a result of this project will be corrected through a remediation or restoration program within a specified time frame. | |
| <p>Drainage Patterns Less than significant impacts related to the alteration of the course of a stream or river would occur from future development and redevelopment pursuant to the proposed General Plan; no mitigation is required.</p> | No measures are required. | Less Than Significant. |
| <p>Surface Runoff Significant impacts from increase in runoff volumes and rates would occur from future development and redevelopment under the proposed 2010 General Plan Update in terms of flooding or the capacities of downstream drainage systems. Compliance with SCs, goals and policies, and applicable mitigation would reduce impacts to less than significant levels.</p> | <p>SC 4.9-1 Refer to Water Quality and Waste Discharge Standards, above.</p> <p>SC 4.9-5 Storm drainage system improvements in the City are constructed in accordance with the Master Plan of Drainage-Westside Area and the Etiwanda/San Sevaine Area Drainage Policy, with its associated Etiwanda Area Master Plan of Drainage. These drainage master plans address the flood control needs of a fully developed drainage area and identify the regional and local facilities needed to adequately convey a 100-year storm event. Storm drainage system improvements in other areas of the City are constructed in accordance with the storm drain plan in the applicable Specific Plan or Community Plan. Buildout of the proposed 2010 General Plan Update shall comply with the applicable drainage master plans.</p> <p>SC 4.9-6 The Santa Ana River Mainstream Project will provide increased flood protection to the communities within Orange, San Bernardino and Riverside Counties by constructing structural improvements at dams, levees, creeks, street drains, and the Santa Ana River; restoring marshland; and protecting canyon areas. Implementation of this project is being coordinated between the flood control districts of the three counties (as local sponsors) and the USACE. The City of Rancho Cucamonga shall continue coordination and cooperation with the USACE and local sponsors for the ongoing implementation of this project.</p> <p>SC 4.9-7 A final drainage study shall be submitted to and approved by the City Engineer prior to final map approval or the issuance of building</p> | Less Than Significant With Mitigation. |

**TABLE ES-1 (Continued)
SUMMARY OF ENVIRONMENTAL IMPACTS**

| Impact | Mitigation Program | Level Of Significance After Mitigation |
|---|--|---|
| | <p>permits, whichever occurs first. All drainage facilities shall be installed as required by the City Engineer.</p> <p>SC 4.9-8 Adequate provisions shall be made for acceptance and disposal of surface drainage entering the property from adjacent areas.</p> <p>SC 4.9-9 The San Bernardino County Department of Public Works owns and maintains the channelized creeks, debris basins, levees, and spreading grounds located in and north of the City, which reduce storm water flows in canyons and flood hazards. Buildout of the proposed 2010 General Plan Update shall be subject to the County's ongoing maintenance of debris basins, channels, and spreading grounds reduces hazards associated with flooding, mudflow, and debris flows from the mountains (Eke 2009).</p> <p>MMs 4.9-4 Refer to Water Quality and Waste Discharge Standards, above.</p> | |
| <p>Water Quality Discharges from future development and redevelopment under the proposed 2010 General Plan Update, if unmitigated, would contribute to the continued impairment of Prado Park Lake at the Santa Ana River, Mill Creek, Reach 3 of the Santa Ana River, and Reach 1 of Cucamonga Creek. Adherence to applicable policies and SCs and implementation of MMs would reduce the potential impact related to water quality to a less than significant level.</p> | <p>SC 4.9-1 Refer to Water Quality and Waste Discharge Standards, above.</p> <p>SC 4.9-2 Refer to Water Quality and Waste Discharge Standards, above.</p> <p>MMs 4.9-1 Refer to Water Quality and Waste Discharge Standards, above.</p> <p>MMs 4.9-2 Refer to Water Quality and Waste Discharge Standards, above.</p> <p>MMs 4.9-3 Refer to Water Quality and Waste Discharge Standards, above.</p> <p>MMs 4.9-4 Refer to Water Quality and Waste Discharge Standards, above.</p> <p>MM 4.9-6 During construction, temporary berms such as sandbags or gravel dikes must be used to prevent discharge of debris or sediment from the site when there is rainfall or other runoff.</p> | <p>Less Than Significant With Mitigation.</p> |

**TABLE ES-1 (Continued)
SUMMARY OF ENVIRONMENTAL IMPACTS**

| Impact | Mitigation Program | Level Of Significance After Mitigation |
|--|--|--|
| | <p>MM 4.9-7 During construction, to remove pollutants, street cleaning will be performed prior to storm events and after the use of water trucks to control dust in order to prevent discharge of debris or sediment from the site.</p> <p>MM 4.9-8 Landscaping plans shall include provisions for controlling and minimizing the use of fertilizers/pesticides/herbicides. Landscaped areas shall be monitored and maintained for at least two years to ensure adequate coverage and stable growth. Plans for these areas, including monitoring provisions for a minimum of two years, shall be submitted to the City for review and approval prior to the issuance of grading permits.</p> | |
| <p>Flood Hazards: Housing Future residential development and redevelopment may be located in the designated 100-year floodplain. Compliance with the City's Floodplain Management Regulations and construction of the necessary local storm drain infrastructure and improvements of the regional storm drainage facilities would prevent any significant adverse impacts related to the placement of housing within a 100-year flood hazard area; no mitigation is required.</p> | <p>SC 4.9-4 Refer to Drainage and Erosion, above.</p> <p>SC 4.9-5 Refer to Surface Runoff, above.</p> <p>SC 4.9-6 Refer to Surface Runoff, above.</p> | Less Than Significant. |
| <p>Flood Hazards: Structures Structures built as part of future development and redevelopment under the proposed 2010 General Plan Update could impede or redirect flood flows. Impacts would be less than significant with compliance with the City's Floodplain Management Regulations.</p> | <p>SC 4.9-4 Refer to Drainage and Erosion, above.</p> | Less Than Significant. |

**TABLE ES-1 (Continued)
SUMMARY OF ENVIRONMENTAL IMPACTS**

| Impact | Mitigation Program | Level Of Significance After Mitigation |
|--|--|--|
| <p>Flood Hazards: Dam Inundation The City is located within the dam inundation area of San Antonio Dam and several debris basins and hazards from dam inundation would affect future development and redevelopment proposed in these areas. Impacts associated with flooding due to dam or levee failure and inundation by seiche or mudflow would be less than significant with compliance with existing regulations.</p> | <p>SC 4.9-4 Refer to Drainage and Erosion, above.</p> <p>SC 4.9-9 Refer to Surface Runoff, above.</p> <p>SC 4.9-10 The proposed 2010 General Plan Update shall comply with requirements set forth by the USACE in the Emergency Action and Notification Subplan for the San Antonio Dam, which identifies actions and responsibilities for warning, evacuation, and post-disaster recovery that will be followed in the event of dam failure.</p> | <p>Less Than Significant.</p> |
| <p>Cumulative Impacts. Future development and redevelopment pursuant to the 2010 General Plan Update would be consistent with all applicable regulations related to water quality and hydrology; therefore, the 2010 General Plan Update would not result in a cumulatively significant impact.</p> | <p>Refer to SCs 4.9-1 through 4.9-10, above.</p> | <p>Less Than Significant.</p> |
| <p>SECTION 4.10 – LAND USE AND PLANNING</p> | | |
| <p>Established Communities Implementation of the proposed 2010 General Plan Update would lead to changes in existing land uses on scattered lots in the City through the development of vacant lots and the redevelopment of underutilized parcels. However, the proposed 2010 General Plan Update calls for the preservation of the established residential neighborhoods and the majority of existing developments in the Land Use Plan. No established communities will be divided by the proposed 2010 General Plan Update or future development and redevelopment under the proposed</p> | <p>No measures are required.</p> | <p>Less Than Significant.</p> |

**TABLE ES-1 (Continued)
SUMMARY OF ENVIRONMENTAL IMPACTS**

| Impact | Mitigation Program | Level Of Significance After Mitigation |
|---|--|--|
| <p>2010 General Plan Update. Impacts would be less than significant; no mitigation is required.</p> | | |
| <p>Plan Consistency Conflict with the current Rancho Cucamonga General Plan and Development Code is mainly due to a change in the City's vision for its future. This does not represent an adverse impact, since the proposed 2010 General Plan Update will supersede the current Plan and the Development Code will be amended as part of the 2010 General Plan Update. No conflict with the Rancho Redevelopment Project, SCAG's Compass Blueprint, or SCAG's Regional Comprehensive Plan is expected with the proposed 2010 General Plan Update. Although no significant impact is expected, adherence to applicable SCs as well as implementation of MM 4.10-1 would ensure that future development would be consistent with related planning documents.</p> | <p>SC 4.10-1 As the primary land use policy document for the City, the Rancho Cucamonga General Plan regulates all future development and redevelopment in the City. All future development projects must be consistent with the goals, policies and programs of the 2010 General Plan Update, as amended.</p> <p>SC 4.10-2 The City's Development Code provides development standards and design guidelines for the development or redevelopment of individual parcels in the City. Future development and redevelopment projects shall be required to comply with pertinent zoning regulations.</p> <p>MM 4.10-1 The City of Rancho Cucamonga Planning Department shall monitor all development that takes place within the Study Area against the projected target densities detailed in Tables LU-16, LU-17, and LU-18 of the proposed 2010 General Plan Update. As buildout of the proposed 2010 General Plan Update approaches 80 percent of the total additional development allowed, the City of Rancho Cucamonga shall initiate environmental analysis to address full buildout of the proposed 2010 General Plan Update or prepare an update to the General Plan to be completed prior to reaching the established target densities herein.</p> | <p>Less Than Significant.</p> |
| <p>Habitat Conservation Plan/Natural Community Conservation Plan There is no applicable habitat conservation plan or natural community conservation plan in the City of Rancho Cucamonga. Thus, the proposed 2010 General Plan Update proposed General Plan would not conflict with any habitat conservation plan or natural community conservation plan. No impacts are expected.</p> | <p>No measures are required.</p> | <p>No Impact.</p> |

**TABLE ES-1 (Continued)
SUMMARY OF ENVIRONMENTAL IMPACTS**

| Impact | Mitigation Program | Level Of Significance After Mitigation |
|---|----------------------------------|--|
| <p>Cumulative Impacts. The development of vacant lands and development trends in the surrounding area are not expected to result in cumulative land use impacts.</p> | <p>No measures are required.</p> | <p>Less Than Significant.</p> |
| <p>SECTION 4.11 – MINERAL RESOURCES</p> | | |
| <p>Regionally Important Mineral Resources Future development under the proposed General Plan Update would preclude mining operations, resulting in the loss of availability of a known mineral resource in areas planned for Hillside Residential development.</p> | <p>No measures identified.</p> | <p>Significant and Unavoidable.</p> |
| <p>Locally Important Mineral Resources Future development under the 2010 General Plan Update would preclude mining operations in a few areas planned for Hillside Residential development; however, impacts related to the loss of locally important resources, such as sand and gravel, are expected to be less than significant.</p> | <p>No measures required.</p> | <p>Less Than Significant.</p> |
| <p>Cumulative Impacts Future development and redevelopment pursuant to the 2010 General Plan Update would contribute to a cumulative demand and loss of construction aggregates in the region.</p> | <p>No measures identified.</p> | <p>Significant and Unavoidable.</p> |

**TABLE ES-1 (Continued)
SUMMARY OF ENVIRONMENTAL IMPACTS**

| Impact | Mitigation Program | Level Of Significance After Mitigation |
|--|---|---|
| SECTION 4.12 – NOISE | | |
| <p>Noise Levels and Vibration Construction activities associated with development pursuant to the 2010 General Plan Update would result in temporary increases in ambient noise levels during the various stages of construction and would have the potential to expose persons to noise levels in excess of standards established in the City’s Noise Ordinance. However, compliance with applicable SCs and implementation of MMs would reduce construction noise impacts to less than significant levels.</p> <p>Vibration may be noticeable for short periods during construction, but it would be temporary and periodic and would not be excessive; vibration would not be a significant impact.</p> <p>Future development and redevelopment under the proposed 2010 General Plan Update would lead to increases in noise levels that would affect residential uses and noise sensitive receptors. Implementation of MMs would reduce impacts to less than significant.</p> | <p>SC 4.12-1 Prior to approval of grading plans and/or prior to issuance of building permits, plans shall include a note indicating that noise-generating project construction activities shall not occur between the hours of 8:00 PM and 6:30 AM and on Sundays and national holidays. This requirement is identified under item 4 of the Special Provisions paragraph in Chapter 17.02.120 of the Municipal Code.</p> <p>SC 4.12-2 Future development and redevelopment in the City shall comply with Section 17.02.120 of the City of Rancho Cucamonga’s Municipal Code, which sets limits for interior and exterior noise levels.</p> <p>SC 4.12-3 Future development and redevelopment in the City shall comply with Title 24 of the California Administrative Code, which requires that residential structures (other than detached single-family dwellings) be designed such that the interior community noise equivalent level (CNEL) with windows closed shall not exceed 45 A-weighted decibels (dBA) in any habitable room.</p> <p>MM 4.12-1 Prior to the issuance of any grading plans, the City shall condition approval of subdivisions that are adjacent to any developed/occupied noise sensitive land uses by requiring applications to submit a construction-related noise mitigation plan to the City for review and approval. The Plan shall depict the location of the construction equipment and how the noise from this equipment would be mitigated during construction of the project.</p> <p>MM 4.12-2 Construction or grading noise levels shall not exceed the standards specified in Development Code Section 17.02.120-D, as measured at the property line. Developer shall hire a consultant to perform weekly noise level monitoring as specified in Development Code Section 17.02.120. Monitoring at other times may be required by the Building Official. Said consultant shall report their findings to the Building Official within 24 hours; however, if noise levels exceed the above standards, then the consultant shall immediately notify the Building Official. If noise levels exceed the above standards, then construction</p> | <p>Less Than Significant With Mitigation.</p> |

**TABLE ES-1 (Continued)
SUMMARY OF ENVIRONMENTAL IMPACTS**

| Impact | Mitigation Program | Level Of Significance After Mitigation |
|--------|---|--|
| | <p>activities shall be reduced in intensity to a level of compliance with the City's noise standards or construction halted.</p> <p>MM 4.12-3</p> <p>The construction-related noise mitigation plan required as part of the previous noise mitigation measure shall specify that haul truck deliveries be subject to the same hours specified for construction equipment (i.e., Monday through Saturday, 6:30 AM and 8:00 PM and not allowed on Sundays and national holidays). Additionally, the plan shall denote any construction traffic haul route where heavy trucks would exceed 100 daily trips (counting those both to and from the construction site). To the extent feasible, the plan shall denote haul routes that do not pass sensitive land uses or residential dwellings. The construction-related noise mitigation plan shall also incorporate any other restrictions imposed by City staff.</p> <p>MM 4.12-4</p> <p>If a perimeter block wall is required for a project, the wall shall be constructed as early as possible during the first phase of construction.</p> <p>MM 4.12-5</p> <p>Applicants for new proposed land uses shall specify increased setbacks such that land uses do not lie within the 65 dBA CNEL overlay zone for commercial, office and sensitive uses (60 dBA CNEL for residential use). This would ensure that proposed land uses are not exposed to excessive noise from roadways, railroads and other nearby noise sources and that exterior and interior noise levels do not exceed the goals of the 2010 General Plan Update Public Health and Safety Chapter and the City's noise standards. If increased setbacks are not provided, an applicant may provide barriers between the noise source and the proposed development; site design that reduces the noise levels at exterior living areas; and/or sound insulation or specialized construction methods to block out exterior noise.</p> <p>Prior to the Development Application CEQA review, a developer shall contract for a site-specific noise study for the specific project that identifies existing and projected noise levels and measures to maintain noise levels within City standards. The noise study shall be performed by an acoustic consultant experienced in such studies and the consultant's qualifications and methodology to be used in the study must be presented to City staff for consideration.</p> <p>The final acoustical report shall be submitted for Planning Director</p> | |

**TABLE ES-1 (Continued)
SUMMARY OF ENVIRONMENTAL IMPACTS**

| Impact | Mitigation Program | Level Of Significance After Mitigation |
|--------|---|--|
| | <p>review and approval prior to the issuance of building permits. The report shall discuss the level of interior noise attenuation to below 45 dBA CNEL, the building materials and construction techniques provided, and if appropriate, verify the adequacy of the mitigation measures. The building plans will be checked for conformance with the mitigation measures contained in the report.</p> <p>The applicant shall submit certification from an acoustical engineer that all recommendations of the acoustical report were implemented in construction, including measurements of interior and exterior noise levels to document compliance with City standards. Certification shall be submitted to the Building & Safety Department prior to final occupancy release of the affected homes.</p> <p>Noise levels shall be monitored after construction to verify the adequacy of the mitigation measures, with noise levels monitored by actual noise level readings taken on- and off-site.</p> <p>A final acoustical report shall be submitted for Planning Director review and approval prior to final occupancy release. The final report shall make a determination that the mitigation measures have reduced noise levels to below City standards, such as, residential exterior noise levels to below 60 dBA and interior noise attenuation to below 45 dBA.</p> <p>MM 4.12-6</p> <p>No industrial facilities shall be constructed within 500 feet of any commercial land uses or within 2,800 feet of any residential land uses without preparation of a noise analysis. This analysis shall document the nature of the industrial facility, as well as noise producing operation associated with the facility. Noise control measures shall be incorporated into the development of the facility to ensure compliance with the City's noise standards.</p> <p>MM 4.12-7</p> <p>Restrictions on commercial, industrial and other non-residential activities shall be imposed by the City, so as not to create any noise that would exceed exterior and interior noise standards. This may include restrictions on business operations to maintain noise levels at 60 dB or less during the hours of 10 PM until 7 AM and at 65 dB or less during the hours of 7 AM until 10 PM; establishment of set hours of operation; and regulations on loading and unloading activities such that no person shall cause the loading, unloading, opening, closing, or</p> | |

**TABLE ES-1 (Continued)
SUMMARY OF ENVIRONMENTAL IMPACTS**

| Impact | Mitigation Program | Level Of Significance After Mitigation |
|---|---|---|
| | other handling of boxes, crates, containers, building materials, garbage cans, or other similar objects between the hours of 10 PM and 7 AM unless otherwise specified herein, in a manner which would cause a noise disturbance to a residential area. | |
| <p>Airport and Airstrip Noise Development associated with buildout of the 2010 General Plan Update Study Area could expose people residing or working in the southern edge of the City to excessive noise levels from airport operations. Implementation of MM 4.12-8 would reduce noise exposure to airport and aircraft noise to less than significant levels.</p> | <p>MM 4.12-8 Residential developments and redevelopments at the southern edge of the City shall prepare an acoustical study to determine site exposure to airport noise and identify noise control measures that would be incorporated into the project to achieve compliance with the City's interior and exterior noise standards for residential uses. These noise control measures may include locating outdoor living areas at the northern section of the site or north of the proposed structure; enclosed common recreational areas; provision of a wall, berm or other barrier to the noise source; and sound insulation or specialized construction methods to block out exterior noise.</p> <p>The acoustical report shall be submitted for Planning Director review and approval prior to the issuance of building permits. The report shall discuss the level of interior noise attenuation to below 45 CNEL, the building materials and construction techniques provided, and if appropriate, verify the adequacy of the mitigation measures. The building plans will be checked for conformance with the mitigation measures contained in the report.</p> <p>The applicant shall submit certification from an acoustical engineer that all recommendations of the acoustical report were implemented in construction, including measurements of interior and exterior noise levels to document compliance with City standards. Certification shall be submitted to the Building & Safety Department prior to final occupancy release of the affected homes.</p> <p>Noise levels shall be monitored after construction to verify the adequacy of the mitigation measures, with noise levels monitored by actual noise level readings taken on- and off-site.</p> | <p>Less Than Significant With Mitigation.</p> |
| <p>Cumulative Impacts Future development and redevelopment in the City and surrounding areas would add new mobile and stationary noise sources, resulting in increased noise levels in excess of City standards. While future development and</p> | <p>No measures are identified.</p> | <p>Significant and Unavoidable.</p> |

**TABLE ES-1 (Continued)
SUMMARY OF ENVIRONMENTAL IMPACTS**

| Impact | Mitigation Program | Level Of Significance After Mitigation |
|--|------------------------------|--|
| <p>redevelopment would be designed to reduce their noise exposure to meet City standards, existing developments would continue to be exposed to increasing traffic noise levels exceeding City standards, thus representing a significant impact.</p> | | |
| <p>SECTION 4.13 – POPULATION, HOUSING, AND EMPLOYMENT</p> | | |
| <p>Population Growth The proposed 2010 General Plan Update will indirectly increase the City's population, housing stock, and employment base by providing capacity to accommodate future development. Exceedances of SCAG projections for population, households, and employment are expected, which may have the potential for a significant impact based on the rate of future development proposals and entitlements. Also, the increase in the jobs/housing ratio at buildout may create more traffic congestion. However, if these trips replace longer trips to distant job markets, regional impacts would be beneficial. Additionally, traffic impacts associated with buildout of the proposed 2010 General Plan Update are expected to be fully reduced to less than significant impact through implementation of programmed improvements as detailed in Section 4.16, Transportation/Traffic.</p> | <p>No measures required.</p> | <p>Less Than Significant.</p> |

**TABLE ES-1 (Continued)
SUMMARY OF ENVIRONMENTAL IMPACTS**

| Impact | Mitigation Program | Level Of Significance After Mitigation |
|---|--|--|
| <p>Displacement of Housing and People Displacement of housing and people may occur on a temporary basis as property owners elect to do on-site redevelopment or improvement projects. Due to the short-term nature of displacement, potential impacts would be less than significant.</p> | <p>No measures required.</p> | <p>Less Than Significant.</p> |
| <p>Cumulative Impacts Future development pursuant to the 2010 General Plan and in the County would lead to the development of new homes, the creation of new jobs, and the increase in the resident population of the City and the rest of the County. The cumulative increase in population in the County would be accompanied by an increase in housing stock; therefore, a less than significant cumulative impact would occur.</p> | <p>No measures are required.</p> | <p>Less Than Significant.</p> |
| <p>SECTION 4.14 – PUBLIC SERVICES</p> | | |
| <p>Fire Protection Development of the proposed 2010 General Plan Update would create additional demand for fire protection services, which would be funded through the City's general fund. Compliance with SC 4.14-1 would ensure that future projects are reviewed by the City prior to the issuance of building permits. Impacts would be less than significant.</p> | <p>SC 4.14-1 Prior to issuance of the first building permit for a specific project, the Property Owner/Develop shall comply with all applicable codes, ordinances and standard conditions, including the current edition of the California Fire Code and the Rancho Cucamonga Municipal Code, regarding fire prevention and suppression measures, fire hydrants, automatic fire extinguishing systems, fire access, and water availability, among other measures.</p> | <p>Less Than Significant.</p> |

**TABLE ES-1 (Continued)
SUMMARY OF ENVIRONMENTAL IMPACTS**

| Impact | Mitigation Program | Level Of Significance After Mitigation |
|---|---|--|
| <p>Law Enforcement Development of the proposed 2010 General Plan Update would create additional demand for police protection services which would be funded through the City's general fund or other existing funding mechanisms. Impacts would be less than significant; no mitigation is required.</p> | <p>No measures required.</p> | <p>Less Than Significant.</p> |
| <p>Schools Development of the proposed 2010 General Plan Update would create additional demand for schools. Compliance with SC 4.14-2 would ensure that future projects pay applicable developer's fees in compliance with SB 50. Therefore, impacts would be less than significant.</p> | <p>SC 4.14-2 Prior to the issuance of the first building permit for a specific project, the Property Owner/Developer shall pay applicable developer's fees to the impacted school district(s) pursuant to Section 65995 of the California Government Code. Under State law, payment of the developer fees provides full and complete mitigation of the project's impacts on school facilities. Evidence that these fees have been paid in compliance with Senate Bill (SB) 50 shall be submitted to the Building Department.</p> | <p>Less Than Significant.</p> |
| <p>Libraries Development of the proposed General Plan Update would create additional demand for library services. Compliance with applicable 2010 General Plan Update goals and policies would ensure that impacts to library services would be less than significant.</p> | <p>No measures required.</p> | <p>Less Than Significant.</p> |
| <p>Cumulative Impacts Future growth pursuant to the 2010 General Plan Update would create an increased demand for fire protection, law enforcement, library, and school services. All development would occur in compliance with applicable regulations; therefore, the impact would not be cumulatively considerable.</p> | <p>No measures required.</p> | <p>Less Than Significant.</p> |

**TABLE ES-1 (Continued)
SUMMARY OF ENVIRONMENTAL IMPACTS**

| Impact | Mitigation Program | Level Of Significance After Mitigation |
|---|---|--|
| SECTION 4.15 – PARKS AND RECREATION | | |
| <p>Existing Park Facilities Future residential development and redevelopment would create a demand for parks and recreational facilities, which is expected to be met by the provision of on-site recreational areas and parkland dedication/in lieu fees consistent with local laws.</p> | <p>SC 4.15.1 Implementation of the proposed General Plan Update shall comply with the City’s Development Code, which requires new residential development to provide private and common open space areas and recreational areas and facilities as part of individual projects.</p> <p>SC 4.15.2 Implementation of the proposed General Plan Update shall comply with the City’s Local Park Ordinance, as contained Chapter 16.32 (Park and Recreational Land) of the City’s Municipal Code, which requires developers of residential projects to dedicate land and/or pay in-lieu fees for the provision of parkland at a standard of 3 to 5 acres per 1,000 residents.</p> | <p>Less Than Significant.</p> |
| <p>New and Altered Park Facilities Future development of parks and recreational facilities in the City would have beneficial impacts in meeting the demands of existing and future residents. Impacts would be less than significant.</p> | <p>SC 4.15.1 Refer to Existing Park Facilities, above.</p> <p>SC 4.15.2 Refer to Existing Park Facilities, above.</p> | <p>Less Than Significant.</p> |
| <p>Park Service Ratios Future development and redevelopment would be accompanied by the development of new parks and recreational facilities pursuant to the City’s Local Parkland Ordinance. The existing parkland deficiency will be reduced through development of planned parks and trails and parks as well as recreational facilities that would accompany future residential development. A deficiency will remain at buildout due to existing deficiencies in meeting the 5.0 acres per 1,000 residents standard set by the proposed General Plan. However, service ratios and performance ratios would be</p> | <p>SC 4.15.1 Refer to Existing Park Facilities, above.</p> <p>SC 4.15.2 Refer to Existing Park Facilities, above.</p> | <p>Less Than Significant.</p> |

**TABLE ES-1 (Continued)
SUMMARY OF ENVIRONMENTAL IMPACTS**

| Impact | Mitigation Program | Level Of Significance After Mitigation |
|--|--|--|
| <p>improved by the development of planned and future parks, recreational facilities and trails. Impacts are expected to be less than significant.</p> | | |
| <p>Cumulative Impacts Future development and redevelopment pursuant to the 2010 General Plan Update would create additional demand for parks and recreation areas; however, the City of Rancho Cucamonga as well as surrounding jurisdictions have adopted parkland dedication ordinances in accordance with the Quimby Act. Therefore, individual development projects would mitigate their incremental impact on parks and recreational facilities. This would represent a less than significant cumulative impact.</p> | <p>Refer to SCs 4.15.1 and 4.15-2, above.</p> | <p>Less Than Significant.</p> |
| <p>SECTION 4.16 – TRANSPORTATION/TRAFFIC</p> | | |
| <p>Circulation System Buildout of the proposed 2010 General Plan Update would increase traffic volumes in the City, leading to four intersections operating at LOS E or worse by 2030. Improvements at these intersections would allow them to operate at LOS D or better. Implementation of applicable SCs would ensure improvement of the roadway system to accommodate future traffic volumes. Impacts would be less than significant.</p> | <p>SC 4.16-1 Future development applications in the City shall be required to provide traffic impact analyses for review and approval by the City during the permit process to identify the traffic impacts of the project and the needed roadway and intersection improvements. Any identified on-site improvements and improvements to abutting roadways would need to be made part of the development. Coupled with the payment of DIF for the improvement of off-site roadways and intersections, traffic impacts would be mitigated on a project-by-project basis.</p> <p>SC 4.16-2 All future work within streets, sidewalks, and public places in the City shall comply with Title 12 of the Municipal Code, which requires an encroachment permit from the City and compliance with set standards that include those in the Work Area Protection and Traffic Control Manual. Application for the permit shall be made as part of the City's plan check process and prior to any work on public areas or rights-of-</p> | <p>Less Than Significant.</p> |

**TABLE ES-1 (Continued)
SUMMARY OF ENVIRONMENTAL IMPACTS**

| Impact | Mitigation Program | Level Of Significance After Mitigation |
|--|---|--|
| | <p>way.</p> <p>SC 4.16-3 Improvements to the City's transportation network are planned as part of the SCAG's Regional Transportation Improvement Plan (RTIP); the SANBAG's Measure I 2010-2040 Strategic Plan; and the City's Nexus Improvement/development impact fee (DIF) Program. Future development and redevelopment shall pay applicable DIF during the plan check process. The DIF, along with the use of State and Federal funds, is expected to implement various freeway, highway, roadway projects in and near Rancho Cucamonga.</p> | |
| <p>Congestion Management Program Future development and redevelopment would comply with the City's standard of LOS D or better; therefore, no exceedance of the CMP standards would occur and a less than significant impact would occur.</p> | <p>SC 4.16-1 Refer to Circulation System, above.</p> <p>SC 4.16-2 Refer to Circulation System, above.</p> <p>SC 4.16-3 Refer to Circulation System, above.</p> | <p>No Impact.</p> |
| <p>Air Traffic Future development and redevelopment would not create a direct demand for air transportation; compliance with SC 4.8-9 from Section 4.8, Hazards and Hazardous Materials, would prevent any hazards to aircraft operations. Impacts would be less than significant; no mitigation is required.</p> | <p>SC 4.8-9 Refer to Section 4.8, Hazards and Hazardous Materials, above.</p> | <p>Less Than Significant.</p> |
| <p>Roadway Hazards Increases in vehicle trips from future development and redevelopment under the proposed 2010 General Plan Update may increase the potential for traffic accidents. Compliance with applicable SCs would prevent the creation of traffic hazards. Impacts would be less than significant.</p> | <p>SC 4.16-2 Refer to Circulation System, above.</p> <p>SC 4.16-4 All future roadway improvements shall comply with the City's Roadway Functional Design Guidelines, which include the number of lanes, median improvements, access restrictions, intersection spacing, curbside parking, required rights-of-way, and easement access based on the roadway designation. Closely related to roadway design would be the provision of adequate line of sight, in accordance with the City's Intersection Line of Sight design guidelines and General Design</p> | <p>Less Than Significant.</p> |

**TABLE ES-1 (Continued)
SUMMARY OF ENVIRONMENTAL IMPACTS**

| Impact | Mitigation Program | Level Of Significance After Mitigation |
|---|---|--|
| | <p>Guidelines that address points of access, reduction of conflicts between vehicular and pedestrian traffic, minimal impacts on adjacent properties, adequate maneuvering areas, separation of vehicular and pedestrian traffic and interconnected public and private sidewalks. Roadway improvement plans shall show compliance with these standards, as reviewed by the City's Building and Safety Department during the plan check process.</p> <p>SC 4.16-5 The City shall continue to implement Title 10 of the Municipal Code, which establishes various responsibilities and programs to regulate vehicles and traffic in the City. The enforcement of traffic regulations would promote safety on streets, sidewalks and driveways through speed limits, parking permits, truck routes, pedestrian rights and duties, intersection controls, and other restrictions.</p> | |
| <p>Emergency Access Future development and redevelopment under the proposed 2010 General Plan Update would have to provide emergency access in accordance with applicable SCs. Compliance with these regulations would reduce impacts to less than significant levels.</p> | <p>SC 4.16-2 Refer to Circulation System, above.</p> <p>SC 4.16-3 Refer to Circulation System, above.</p> <p>SC 4.16-4 Refer to Roadway Hazards, above.</p> | <p>Less Than Significant.</p> |
| <p>Alternative Transportation The proposed 2010 General Plan Update promotes alternative transportation systems, through 2010 General Plan Update goals and their supporting policies. Future development and redevelopment would need to comply with applicable SCs which would provide facilities for alternative modes of transportation and encourage the use of alternative transportation modes. No conflict with policies, plans and programs for alternative transportation would occur.</p> | <p>SC 4.16-6 Future development and redevelopment shall comply with the City's Trip Reduction Ordinance, which calls for the provision of amenities or programs to encourage the use of alternative modes of travel by employees; patrons; and visitors of commercial, industrial, office, and mixed use developments. These include shower facilities, preferred parking, bicycle storage, video conference facilities, transit improvements, and other measures to reduce vehicle trips in the City. These facilities shall be shown in the site improvement and building plans submitted to the City during the permit process.</p> <p>SC 4.16-7 Future developments with 250 employees or more shall comply with the South Coast Air Quality Management District's (SCAQMD's) Rule 2202, which requires the implementation of trip reduction measures as a means of reducing pollutant emission in the air basin. An employer subject to this Rule shall annually register with the SCAQMD to</p> | <p>No Impact.</p> |

**TABLE ES-1 (Continued)
SUMMARY OF ENVIRONMENTAL IMPACTS**

| Impact | Mitigation Program | Level Of Significance After Mitigation |
|--|---|--|
| | <p>implement an emission reduction program, in accordance with this Rule.</p> <p>SC 4.16-8 The City shall develop trails in accordance with the Hiking and Riding Trails Master Plan to provide opportunities for hiking, riding, and bicycle use throughout the City. Concurrently, the City shall also implement its Bicycle Plan for the development of bikeways, bike lanes, and bike routes throughout the City. Future development and redevelopment on sites where hiking, riding, and bicycle trails are planned shall provide the necessary improvements and/or land dedication to facilitate the implementation of the Hiking and Riding Trails Master Plan.</p> <p>SC 4.16-9 Future development and redevelopment shall comply with SANBAG's Long Range Transit Plan, which calls for improvements to the transit systems that serve the County, including the provision of premium transit service, bus transit improvements and rail system improvements. Accommodations for bus bays, bus stops, transit centers, and other facilities shall be provided by future development and redevelopment in accordance with the Long Range Transit Plan, and in consultation with SANBAG. Implementation of this plan is expected to encourage greater transit use in the County.</p> | |
| <p>Cumulative Impacts The 2010 General Plan Update would contribute to the increase in regional traffic volumes; however, the City's development impact fees would fund needed transportation projects (including regional traffic infrastructure). Therefore, cumulative impacts would be less than significant.</p> | <p>Refer to SCs 4.16-1 through 4.16-9, above.</p> | <p>Less Than Significant.</p> |
| <p>SECTION 4.17 – UTILITIES AND SERVICE SYSTEMS</p> | | |
| <p>Water Supply and Infrastructure There would be adequate water supplies available to serve proposed land uses under the 2010 General Plan Update. Implementation of SB 610 and/or SB 221, where required,</p> | <p>SC 4.17-1 The City of Rancho Cucamonga shall ensure that all future projects implemented pursuant to the 2010 General Plan Update that are subject to SB 610 and/or SB 221 shall comply with all applicable requirements in order to demonstrate the availability of an adequate</p> | <p>Less Than Significant.</p> |

**TABLE ES-1 (Continued)
SUMMARY OF ENVIRONMENTAL IMPACTS**

| Impact | Mitigation Program | Level Of Significance After Mitigation |
|--|---|--|
| <p>and the identified 2010 General Plan Update goals and policies related to water supply and infrastructure would contribute to ensuring that adequate water resources would be available for future development in the City. A less than significant impact would occur.</p> | <p>and reliable water supply.</p> | |
| <p>Wastewater Infrastructure and Treatment Implementation of the 2010 General Plan Update would not result in an exceedance of wastewater treatment requirements with compliance with NPDES wastewater discharge requirements and CVWD standards and there would be a less than significant impact. There would be adequate capacity at the wastewater treatment plants serving the City (RP-1 and RP-4) with implementation of the 2010 General Plan Update. If RP-4 is expanded in the future to the planned 28 mgd, this would occur entirely within the facilities' existing footprint, which has been expressly planned to accommodate such an expansion. Therefore, based on this and the identified 2010 General Plan Update goals and policies related to wastewater infrastructure, there would be a less than significant impact related to wastewater treatment and conveyance infrastructure.</p> | <p>SC 4.17-2 The City of Rancho Cucamonga shall ensure that all future projects implemented under the 2010 General Plan Update that result in a new or modified point source comply with all applicable San Bernardino County Stormwater NPDES Permit rules.</p> <p>SC 4.17-3 Water and sewer plans shall be designed and constructed to meet the requirements of the Cucamonga Valley Water District (CVWD), Rancho Cucamonga Fire Protection District, and the Environmental Health Department of the County of San Bernardino. A letter of compliance from the CVWD is required prior to final map approval or issuance of permits, whichever occurs first. Such letter must have been issued by the water district within 90 days prior to the final map approval in the case of subdivision or prior to the issuance of permits in the case of all other residential projects.</p> | <p>Less Than Significant.</p> |

**TABLE ES-1 (Continued)
SUMMARY OF ENVIRONMENTAL IMPACTS**

| Impact | Mitigation Program | Level Of Significance After Mitigation |
|--|---|--|
| <p>Electricity, Natural Gas and Communication Infrastructure There would be a less than significant impact related to the need for new or expanded SCE, SCGC or communication (AT&T/Time Warner) facilities with implementation of the CEQA process for individual projects.</p> | <p>SC 4.17-4 The City of Rancho Cucamonga shall ensure that all future projects implemented under the 2010 General Plan Update shall comply with all State Energy Efficiency Standards and City of Rancho Cucamonga codes in effect at the time of application for building permits. (Commonly referred to as Title 24, these standards are updated periodically to allow consideration and possible incorporation of new energy efficiency technologies and methods. Title 24 covers the use of energy-efficient building standards, including ventilation, insulation, and construction and the use of energy saving appliances, conditioning systems, water heating, and lighting.) Plans submitted for building permits shall include written notes demonstrating compliance with energy standards and shall be reviewed and approved by the Planning Department prior to building permit issuance.</p> <p>SC 4.17-5 For existing structures, underground on-site utilities are to be located and shown on building plans submitted for building permit application.</p> <p>SC 4.17-6 Provide separate utility services to each parcel including sanitary sewerage system, water, gas, electric, power, telephone, and cable TV (all underground) in accordance with the Utility Standards. Easements shall be provided as required.</p> <p>SC 4.17-7 The developer shall be responsible for the relocation of existing utilities as necessary.</p> | <p>Less Than Significant.</p> |
| <p>Solid Waste Build out of the 2010 General Plan Update would result in an estimated net increase in solid waste disposal of 201.5 tons per day and 73,545 tons per year. This increase would represent approximately 2.7 percent of Mid-Valley Landfill's daily permitted capacity. The City of Rancho Cucamonga would continue compliance with AB 939 and SB 1016. Therefore, with continuing adherence to regulatory requirements and implementation of</p> | <p>No measures required.</p> | <p>Less Than Significant.</p> |

**TABLE ES-1 (Continued)
 SUMMARY OF ENVIRONMENTAL IMPACTS**

| Impact | Mitigation Program | Level Of Significance After Mitigation |
|--|---|--|
| <p>the identified goal and related policies in the proposed 2010 General Plan Update, the City would maintain compliance with applicable statutes and regulations related to solid waste and would not be served by a landfill with insufficient permitted capacity. There would be a less than significant impact related to solid waste.</p> | | |
| <p>Cumulative Impacts Development pursuant to the 2010 General Plan Update would increase demand for utilities; however, development would occur in compliance with applicable regulations. A less than significant cumulative impact would occur.</p> | <p>Refer to SCs 4.17-1 through 4.17-7, above.</p> | <p>Less Than Significant.</p> |