



SECTION 1.0
EXECUTIVE SUMMARY

1.0 EXECUTIVE SUMMARY

1.1 PROJECT LOCATION

The City of Duarte is located in the eastern portion of the San Gabriel Valley, approximately 21 miles northeast of the City of Los Angeles in the County of Los Angeles. The City is situated at the base of the San Gabriel Mountains and is bordered by the City of Irwindale to the south, City of Monrovia to the west, the community of Bradbury and the Angeles National Forest to the north, and the City of Azusa to the east.

1.2 PROJECT SUMMARY

The General Plan Update is a comprehensive update of the General Plan drafted in 1989. The update includes reorganization of the General Plan into the following elements: Land Use, Safety, Housing, Open Space and Conservation, Noise and Circulation, and the addition of two new elements – Historic Preservation and Economic Development.

The Environmental Impact Report (EIR) shall evaluate potential environmental impacts resulting from the following revisions to the City's General Plan, including but not limited to:

- Update of existing conditions, with year 2005/2006 serving as the baseline year.
- Update of General Plan development projections to the year 2020. Projections for population, employment, residential, and non-residential development have been updated for the year 2020.
- Additions, deletions, or modifications to the 1989 General Plan goals, policies and objectives.
- Addition of an Economic Development Element.
- Addition of a Historic Preservation Element.

The goal of the Update is not to make dramatic changes to the City's existing land use policy map, but to quantify remaining development in a way that can be correlated to existing uses and conditions, while at the same time capitalizing on future development and/or redevelopment potential.

PROJECTED LAND USE GROWTH

The City of Duarte is approximately 98 percent built out. As such, the proposed General Plan will focus on preserving and enhancing residential neighborhoods, guiding development in the remaining vacant and underutilized areas, maximizing infill and redevelopment. In total, land use growth anticipated within the planning horizon of the proposed General Plan would result in the scenario represented in Table 1-1, Proposed General Plan Development.

**Table 1-1
Proposed General Plan Development**

Land Use Designation	Acres	Anticipated Development		Estimated DU	Estimated Population	Estimated SF*
		DU/Acre	FAR/Acre			
Residential Land Use Classification						
Very Low Density	120	2.5	N/A	300	990	N/A
Low Density	645	6.0	N/A	3,882	12,811	N/A
Medium Density	89	15.0	N/A	1,350	4,455	N/A
High Density	52	23.0	N/A	1,196	3,947	N/A
Commercial Land Use Classification						
Neighborhood	3	N/A	.25:1	N/A	N/A	32,670
General	92	N/A	.5:1	N/A	N/A	1,938,420
Administrative Professional	4	N/A	.5:1	N/A	N/A	87,120
Hospital Use Classification						
Hospital	78	N/A	1.5:1	N/A	N/A	5,096,520
R&D	15	N/A	1.5:1	N/A	N/A	980,100
Industrial Use Classification						
Industrial	53	N/A	.5:1	N/A	N/A	1,154,340
Public/Quasi Public Classification						
Public School	80	N/A	N/A	-	-	-
City Owned Facilities	12	N/A	N/A	-	-	-
County Owned Facilities	2	N/A	N/A	-	-	-
Utility Easements	95	N/A	N/A	-	-	-
Streets, Freeways	478	N/A	N/A	-	-	-
Open Space Classification						
Parks	39	N/A	N/A	-	-	-
Wilderness Area	422	N/A	N/A	-	-	-
National Forest	1,909	N/A	N/A	-	-	-
Specific Plan Areas Classification						
Planned Community and Areas**	131	N/A	N/A	716	2,363	333,561
City Center Mixed Use Area	11	Varies	Varies	165	545	165,00
Gold Line Station Area Development	29	Varies	Varies	120	396	100,000
TOTAL	4,350			7,729	25,507	9,887,731
* Estimated square feet of non-residential is based on FAR. Estimated residential units use California Department of Finance population of 3.3 persons per household (June 2006).						

In summary, these numbers represent a total General Plan build out of 7,729 dwelling units and 9,887,731 square feet of non-residential development, to accommodate an estimated population of 25,507 residents by 2020. Totals represent an addition of 726 residential dwelling units and 658,744 square feet of non-residential development over existing conditions.

1.3 PROJECT OBJECTIVES

The City of Duarte's objectives for the proposed General Plan and General Plan EIR are as follows:

- Update the City's environmental baseline conditions to the year 2005/2006.
- Update the General Plan development projections for the year 2020, including projections for dwelling units, non-residential square footage, population and employment.
- Provide new goals, objectives and policies to address future development and growth within the City.
- Provide a basis for informative decisions when considering the 2020 development associated with implementation of the General Plan in the City of Duarte.
- Conform with Section 21000 et seq. of *CEQA*, which requires that environmental impacts be addressed and mitigated.
- Provide a legally defensible environmental foundation upon which discretionary actions may be evaluated.

1.4 PROJECT IMPACT

The City of Duarte determined that an EIR should be prepared pursuant to the *California Environmental Quality Act (CEQA)* and the *CEQA Guidelines*. The environmental issues identified by the City for assessment in the EIR include:

- Land Use;
- Population, Employment and Housing;
- Transportation/Circulation;
- Air Quality;
- Noise;
- Geology and Seismic Hazards;
- Hydrology and Drainage;
- Public Health and Safety;
- Cultural Resources;
- Biological Resources;
- Aesthetics;
- Water Supply;
- Wastewater;
- Fire Protection;
- Police Protection;

- Schools;
- Parks, Recreation and Trails;
- Solid Waste; and
- Electricity and Natural Gas.

Section 4.0, Environmental Analysis, of this EIR provides a description of potential environmental impacts of the proposed General Plan and recommends mitigation measures to reduce impacts to a less than significant level, where feasible. After implementation of the recommended mitigation measures most of the significant or potentially significant impacts associated with the proposed General Plan would be reduced to a less than significant level. However, the impact listed below could not be feasibly mitigated and would result in a significant and unavoidable impact with implementation of the proposed General Plan.

AIR QUALITY

- Development under the proposed General Plan Update could result in an overall increase in carbon monoxide hotspot emissions within the City, which may exceed South Coast Air Quality Management District air quality standards.
- Regional air quality emissions resulting from short-term and long-term operation of the proposed General Plan Update could impact regional air quality levels on a cumulative basis.
- Regional air quality emissions resulting from operation buildout of the proposed General Plan Update could impact regional air quality levels on a cumulative basis.

These impacts are primarily based on the premise that the City and pollutant surveys within are widely dispersed and numerous. Although measures related to construction and stationary sources would be implemented on a project-by-project basis, and vehicular emission-reducing programs would be implemented Citywide, it is anticipated that these impacts would remain unavoidable.

1.5 SUMMARY OF PROJECT ALTERNATIVES

Section 5.0, Alternatives to the Proposed Action, analyzes two reasonable alternatives to the proposed project, and evaluate the comparative merits of each alternative. Potential environmental impacts associated with the alternatives are compared to the impacts from the proposed project. The alternatives include: no Project/No Development and Existing General Plan.

The No Project/No Development Alternative would not result in any changes to existing land uses or development levels within the City. Under this Alternative, vacant land would remain undeveloped and infill development would not occur. Additionally, this Alternative would prohibit underutilized parcels to expand their existing use or construct a new use on the site. Under the No Project/No Development Alternative, land use conditions would not be updated to reflect current (actual) development conditions within the City. This situation would void the implementation of any current or future General Plan or the City of Duarte and would, therefore,

be in direct conflict with California statutes requiring general Plans, the Subdivision map Act and the rights of landowners to develop their property.

The Existing General Plan Alternative assumes that ultimate buildout of the Existing General Plan would occur. The Existing General Plan encompasses the same geographic area as that in the proposed General Plan Update; however, information in the Existing General Plan is outdated and represents incorrect data regarding existing and projected conditions. The General Plan update proposes revisions to the Existing General Plan that would update existing conditions with the year 2005 serving as the baseline year. The update would provide project projections for population, employment, residential, and non-residential development for the year 2020. The proposed General Plan would establish building intensities for all non-residential (commercial, industrial and institutional) land use categories. The proposed general Plan would establish planning factors to develop new goals and policies and would make necessary additions, deletions, or modifications to the 1989 General Plan goals and policies. The Existing General Plan Alternative assumes that the Existing General Plan would continue to provide outdated information regarding several issues, such as the City traffic conditions, land use database, community noise levels and air quality data.

After evaluation and analysis of both alternatives, Section 5.4 identifies the environmentally superior alternative as the proposed General Plan Update.

1.6 SUMMARY OF ENVIRONMENTAL IMPACTS AND MITIGATION MEASURES

The summary includes impact statements, level of significance before policies/mitigation, policies propose in the General Plan, mitigation measures and level of significance after policies/mitigation.

Impacts	Level of Significance Before Policies/Mitigation	Policies (P) and Implementation Measures (IM) in Proposed General Plan Update	Mitigation Measures	Level of Significance After Policies/Mitigation
LAND USE				
Consistency with Relevant Federal and State Plans and Policies				
Implementation of the proposed General Plan Update could result in potential inconsistency impacts with Federal and State plans and policies.	Potentially Significant Impact.	P Con 1.1.2 P Con 1.1.3 & IM P Con 1.1.6 P Con 2.1.1 P Con 2.1.2 & IM P Con 2.1.6 & IM P Con 3.1.2 & IM P Con 4.1.1 & IM P Con 4.1.2 & IM P Con 4.1.3 & IM P Con 4.1.4 P AQ 1.1.2 & IM P AQ 1.2.1 P AQ 1.2.2 P AQ 2.1.1 P AQ 2.1.2 P AQ 2.1.3 P AQ 2.2.1 & IM P AQ 2.2.2 & IM P AQ 2.2.3 & IM	No mitigation measures beyond the policies and implementation measures identified in the proposed General Plan Update are required.	Less Than Significant Impact.
Consistency with Relevant Regional Plans and Policies				
Implementation of the proposed General Plan Update could result in potential inconsistency impacts with policies in SCAG's Regional Comprehensive Plan and Guide.	Potentially Significant Impact.	Refer to <u>Table 4.1-4</u> .	No mitigation measures beyond the policies and implementation measures identified in the proposed General Plan Update are required.	Less Than Significant Impact.
The proposed project could result in inconsistencies with the principles and strategies of the Southern California Association of Governments' Southern California Compass Growth Visioning Program.	Potentially Significant Impact.	Refer to <u>Table 4.1-5</u> .	No mitigation measures beyond the policies and implementation measures identified in the proposed General Plan Update are required.	Less Than Significant Impact.

Impacts	Level of Significance Before Policies/Mitigation	Policies (P) and Implementation Measures (IM) in Proposed General Plan Update	Mitigation Measures	Level of Significance After Policies/Mitigation
Consistency with Relevant Local Plans and Policies				
Implementation of the proposed General Plan Update could result in potential inconsistency impacts with local plans and policies.	Potentially Significant Impact.	P LU 3.1.1 P LU 3.1.2 P LU 3.1.3 P LU 3.1.4 P LU 3.1.5	No mitigation measures beyond the policies and implementation measures in the proposed General Plan Update are required.	Less Than Significant Impact.
Land Use Compatibility				
Development associated with the buildout of the proposed General Plan Update could result in direct impacts regarding land use incompatibilities.	Potentially Significant Impact.	P LU 2.1.1 & IM P LU 2.1.2 P LU 2.1.3 & IM P LU 2.1.6 P LU 2.1.7 & IM P LU 3.1.6 & IM P Con 5.1.2 P Con 5.1.3 & IM P Con 5.1.4 & IM P OS 2.1.6 P Noise 2.1.4 P Noise 2.1.5 P Noise 3.1.1 P Noise 3.1.3 P HOU.1.1.1	No mitigation measures beyond the policies and implementation measures identified in the proposed General Plan Update are required.	Less Than Significant Impact.
POPULATION, EMPLOYMENT, AND HOUSING				
Population Growth				
Implementation of the proposed General Plan Update could increase the residential population by 2,396 persons, resulting in a population of approximately 25,507 persons in 2020.	Less Than Significant Impact.	No policies or implementation measures are required beyond State mandated fees on new development.	No mitigation measures are required	Not applicable
Housing				
Buildout of the City of Duarte in accordance with the proposed General Plan Update would result in the addition of 726 dwelling units to the City's housing stock during the planning horizon year of 2020.	Less Than Significant Impact.	P LU 1.1.1 P LU 1.1.2 P LU 1.1.3 P LU 1.1.8 & IM P LU 2.1.4 P LU 2.1.7 P LU 3.1.6 P HOU 1.1.1 P HOU 1.1.2 P HOU 1.1.3 P HOU 1.1.4 P HOU 1.1.5 P HOU 1.1.6	No mitigation measures beyond the policies and implementation measure identified in the proposed General Plan Update are required.	Less Than Significant Impact.

Impacts	Level of Significance Before Policies/Mitigation	Policies (P) and Implementation Measures (IM) in Proposed General Plan Update	Mitigation Measures	Level of Significance After Policies/Mitigation
		P HOU 2.1.1 P HOU 2.1.2 P HOU 2.1.3 P HOU 2.1.4 P HOU 2.2.1 P HOU 3.1.2 P HOU 3.1.3		
Employment Growth				
Buildout of the City of Duarte in accordance with the proposed General Plan Update could result in the addition of approximately 945 jobs, for a total of 11,945 jobs within the City in the planning horizon year of 2020.	Potentially Significant Impact.	P LU 1.1.1 & IM P LU 2.1.4 P Econ 3.1.1 & IM P Econ 4.1.5 P Econ 4.1.6	No mitigation measures beyond the policies and implementation measures identified in the proposed General Plan Update are required.	Less Than Significant Impact.
AESTHETICS				
Visual Quality				
New projects constructed under the proposed General Plan Update could result in development that is out of scale or character with the surrounding urban environment.	Potentially Significant Impact.	P LU 2.1.1 & IM P LU 2.1.2 P LU 2.1.6 P LU 2.1.7 & IM P LU 3.1.1 P LU 3.1.6 P HOU 1.1.1 P HOU 1.1.4 P HOU 1.1.5 P CON 1.1.3 & IM P CON 6.1.1 P ECON 2.1.1 & IM P ECON 6.1.2 & IM	No mitigation measures beyond the policies and implementation measures identified in the proposed General Plan Update are required.	Less Than Significant Impact.
Light and Glare				
Light and glare from new development associated with implementation of the proposed General Plan Update could adversely affect sensitive receptors such as residential uses.	Potentially Significant Impact.	P LU 2.1.1 & IM P LU 2.1.7 & IM P LU 3.1.6 & IM	No mitigation measures beyond the policies and implementation measures identified in the proposed General Plan Update are required.	Less Than Significant Impact.

Impacts	Level of Significance Before Policies/Mitigation	Policies (P) and Implementation Measures (IM) in Proposed General Plan Update	Mitigation Measures	Level of Significance After Policies/Mitigation
Shade and Shadow				
Development of the proposed General Plan Update could introduce shade and shadow effects onto adjacent buildings within the City.	Potentially Significant Impact.	P LU 2.1.1 & IM P LU 2.1.7 & IM P LU 3.1.6 & IM	No mitigation measures beyond the policies and implementation measures identified in the proposed General Plan Update are required.	Less Than Significant Impact.
TRAFFIC/CIRCULATION				
General Plan Update 2020 Traffic Impacts				
Implementation of the proposed General Plan Update could result in an increase in traffic volumes for the planning horizon year of 2020, which could impact the capacities of roadways within the City of Duarte.	Potentially Significant Impact.	P Circ 1.1.1 & IM P Circ 1.1.2 & IM P Circ 1.1.3 P Circ 1.1.4 & IM P Circ 1.1.5 & IM P Circ 1.1.6 & IM P Circ 2.1.1 & IM P Circ 2.1.2 & IM P Circ 2.1.3 & IM P Circ 2.1.4 P Circ 2.1.5 & IM P Circ 3.1.1 & IM P Circ 3.1.2 & IM P Circ 3.1.3 & IM P Circ 3.1.4 & IM P Circ 3.1.5 & IM	<p>In addition to the policies and implementation measures listed above, the following mitigation measures are recommended to further reduce impacts.</p> <p>MM TR-1: For the entire length of Huntington Drive, for Mountain Avenue between Huntington Drive and Duarte Road, and for any other arterial roadways that are determined to operate at unacceptable conditions, measures shall be taken to increase the capacity and enhance traffic flow during peak periods. Such measures that could be considered include, but are not limited to:</p> <ul style="list-style-type: none"> • Peak period parking restrictions to provide an additional travel lane in the peak direction of traffic flow (e.g. 6:00 to 9:00 AM on one side of the street and 3:30 to 6:30 PM on the other side). • Intersection improvements to provide double left-turn lanes and exclusive right-turn lanes at major 	Less Than Significant Impact.

Impacts	Level of Significance Before Policies/Mitigation	Policies (P) and Implementation Measures (IM) in Proposed General Plan Update	Mitigation Measures	Level of Significance After Policies/Mitigation
			<p>intersections. A major intersection is an intersection of two roadways that are designated as arterials and/or collectors in this Circulation Element.</p> <ul style="list-style-type: none"> • Traffic signal coordination. <p>MM TR-2: Right-of-way dedications shall be required of development applicants to accommodate the recommended roadway cross-sections and the enhanced intersection improvements at major intersections.</p> <p>MM TR-3: The City of Duarte shall consider the implementation of a traffic impact fee program that would require developers to provide a fair-share contribution to a pool of funds that could be used for future transportation system improvements.</p>	
Consistency with CMP, AQMP, and RMP				
Implementation of the proposed General Plan Update could result in inconsistencies with the CMP, AQMP, and RMP.	Potentially Significant Impact.	P Circ 1.1.1 & IM P Circ 1.1.4 & IM P Circ 1.1.5 & IM P Circ 2.1.1 & IM P Circ 2.1.2 & IM P Circ 2.1.3 & IM P Circ 2.1.4 P Circ 2.1.5 & IM P Circ 3.1.1 & IM P Circ 3.1.2 & IM P Circ 3.1.3 & IM P Circ 3.1.4 & IM P Circ 3.1.5 & IM	No mitigation measures beyond the policies and implementation measures identified in the proposed General Plan Update are required.	Less Than Significant Impact.

Impacts	Level of Significance Before Policies/Mitigation	Policies (P) and Implementation Measures (IM) in Proposed General Plan Update	Mitigation Measures	Level of Significance After Policies/Mitigation
Emergency Access				
Implementation of the proposed General Plan Update could result in inadequate emergency access.	Potentially Significant Impact.	P Safe 1.1.4	No mitigation measures beyond the policies identified in the proposed General Plan Update are required.	Less Than Significant Impact.
Design Features or Incompatible Uses				
Implementation of the proposed General Plan Update could result in inadequate design features or incompatible uses.	Potentially Significant Impact.	P Circ 1.1.2 & IM P Safe 1.1.4	No mitigation measures beyond the policies and implementation measures identified in the proposed General Plan Update are required.	Less Than Significant Impact.
Alternative Transportation				
Implementation of the proposed General Plan Update could result in an incremental increase in demand for transit service and may enhance policies supporting alternative transportation.	Potentially Significant Impact.	P Circ 3.1.1 & IM P Circ 3.1.2 & IM P Circ 3.1.3 & IM P Circ 3.1.4 & IM P Circ 3.1.5 & IM	No mitigation measures beyond the policies and implementation measures identified in the proposed General Plan Update are required.	Less Than Significant Impact.
AIR QUALITY				
Short-Term Construction Impacts				
Citywide construction activities under the proposed General Plan Update could result in a cumulatively considerable increase of criteria pollutants, and thus may violate air quality standards.	Potentially Significant Impact.	P AQ 3.1.1 & IM P AQ 3.1.2 & IM P AQ 3.1.3 & IM P Circ 2.1.2 P Circ 2.1.3 P Circ 2.1.5	No mitigation measures beyond the policies and implementation measures identified in the proposed General Plan Update are required.	Less Than Significant Impact.
Mobile and Stationary Source Emissions				
Future development under the proposed General Plan Update could result in an overall increase in mobile and stationary source emissions within the City which may exceed South Coast Air Quality Management District air quality standards.	Potentially Significant Impact.	<u>Mobile Emission Reduction</u> P AQ 1.1.2 P AQ 1.2.1 P AQ 2.1.1 P AQ 2.1.2 P AQ 2.1.3 & IM P AQ 2.2.1 & IM P AQ 2.2.2 & IM P AQ 2.2.3 & IM P AQ 2.3.1 & IM P AQ 2.3.2 & IM	No mitigation measures beyond the policies and implementation measures identified in the proposed General Plan Update are required.	Significant Unavoidable Impact.

Impacts	Level of Significance Before Policies/Mitigation	Policies (P) and Implementation Measures (IM) in Proposed General Plan Update	Mitigation Measures	Level of Significance After Policies/Mitigation
		P AQ 2.3.3 & IM P AQ 2.3.4 & IM P AQ 3.1.4 & IM P Circ 1.1.1 P Circ 1.1.2 P Circ 1.1.3 P Circ 1.1.4 P Circ 1.1.5 P Circ 1.1.6 P Circ 3.1.1 P Circ 3.1.2 P Circ 3.1.3 P Circ 3.1.4 P Circ 3.1.5 P LU 2.1.3 P LU 3.1.4 P LU 3.1.5 <u>Area Source Emission Reduction</u> P AQ 1.1.1 P AQ 1.2.2 P AQ 3.1.2 & IM P LU 2.1.7		
Carbon Monoxide Hotspots				
Future development under the proposed General Plan Update could result in an overall increase in carbon monoxide hotspot emissions within the City which may exceed South Coast Air Quality Management District air quality standards.	Less Than Significant Impact.	Refer to the policies and implementation measures under the Mobile and Stationary Source Emissions Impact.	No mitigation measures beyond the policies and implementation measures identified in the proposed General Plan Update are required.	Less Than Significant Impact.
Consistency With Regional Plans				
Buildout of the proposed General Plan Update could conflict or obstruct implementation of the Southern California Association of Government's Regional Comprehensive Plan Guidelines and the South Coast Air Quality Management District's	Potentially Significant Impact.	P AQ 1.1.1 P AQ 1.2.2 P AQ 2.2.1 P AQ 2.3.1 & IM P AQ 2.3.2 & IM P AQ 2.3.3 & IM P AQ 2.3.4 & IM P LU 3.1.2 P LU 3.1.4 P LU 3.1.5 P LU 3.1.6	No mitigation measures beyond the policies and implementation measures identified in the proposed General Plan Update are required.	Less Than Significant Impact.

Impacts	Level of Significance Before Policies/Mitigation	Policies (P) and Implementation Measures (IM) in Proposed General Plan Update	Mitigation Measures	Level of Significance After Policies/Mitigation
Air Quality Management Plan.		P Circ 1.1.2 P Circ 1.1.5 P Circ 1.1.6 P Circ 3.1.1 P Circ 3.1.2 P Circ 3.1.3 P Circ 3.1.4 P Circ 3.1.5		
Short-Term Cumulative Impacts				
Regional air quality emissions resulting from short-term and long-range operation of the proposed General Plan Update could impact regional air quality levels on a cumulative basis.	Potentially Significant Impact.	P AQ 3.1.1 & IM P AQ 3.1.2 & IM P AQ 3.1.3 & IM P Circ 2.1.2 P Circ 2.1.3 P Circ 2.1.5	No mitigation measures beyond the policies and implementation measures identified in the proposed General Plan Update are required.	Significant Unavoidable Impact.
General Plan Buildout Cumulative Impacts				
Regional air quality emissions resulting from operational buildout of the proposed General Plan Update could impact regional air quality levels on a cumulative basis.	Potentially Significant Impact.	<u>Mobile Emission Reduction</u> P AQ 1.1.2 P AQ 1.2.1 P AQ 2.1.1 P AQ 2.1.2 & IM P AQ 2.1.3 & IM P AQ 2.2.1 & IM P AQ 2.2.2 & IM P AQ 2.2.3 & IM P AQ 2.3.1 & IM P AQ 2.3.2 & IM P AQ 2.3.3 & IM P AQ 2.3.4 & IM P AQ 3.1.1 & IM P AQ 3.1.2 & IM P AQ 3.1.3 & IM P AQ 3.1.4 & IM P Circ 1.1.1 P Circ 1.1.2 P Circ 1.1.3 P Circ 1.1.4 P Circ 1.1.5 P Circ 1.1.6 P Circ 2.1.2 P Circ 2.1.3 P Circ 2.1.5 P Circ 3.1.1 P Circ 3.1.2 P Circ 3.1.3	No mitigation measures beyond the policies and implementation measures identified in the proposed General Plan Update are required.	Significant Unavoidable Impact.

Impacts	Level of Significance Before Policies/Mitigation	Policies (P) and Implementation Measures (IM) in Proposed General Plan Update	Mitigation Measures	Level of Significance After Policies/Mitigation
		P Circ 3.1.4 P Circ 3.1.5 P LU 2.1.3 P LU 3.1.4 P LU 3.1.5 <u>Area Source Emission Reduction</u> P AQ 1.1.1 P AQ 1.2.2 P AQ 3.1.2 & IM P LU 2.1.7 P HOU 1.1.5		
NOISE				
Construction Noise				
Development associated with implementation of the proposed General Plan Update could involve construction-related noise as future parcels are developed and/or redeveloped.	Potentially Significant Impact.	P N 1.1.1 & IM P N 1.1.5 & IM P N 1.1.6 & IM P N 2.1.5 & IM P N 2.2.1 P N 3.1.2 & IM P N 3.1.3 & IM	In addition to the policies and implementation measures listed above, the following mitigation measures (MM) are recommended to further reduce impacts. MM N-1: Mitigate transportation equipment impacts at construction sites, such as temporary noise buffers/barriers. MM N-2: Ensure noise mitigation techniques are incorporated into all construction-related activities. MM N-3: Reduce noise generated by construction activities by requiring sound attenuation devices on construction equipment. MM N-4: Require noise-reduction techniques in site planning, architectural design, and construction where noise reduction is necessary.	Less Than Significant Impact.

Impacts	Level of Significance Before Policies/Mitigation	Policies (P) and Implementation Measures (IM) in Proposed General Plan Update	Mitigation Measures	Level of Significance After Policies/Mitigation
Traffic Noise				
Future traffic noise levels associated with buildout of the proposed General Plan Update could contribute to an exceedance of the City's noise standard resulting in potential noise impacts to sensitive receptors.	Potentially Significant Impact.	P N 1.1.1 & IM P N 1.1.2 & IM P N 1.1.3 & IM P N 1.1.4 & IM P N 1.1.5 & IM P N 1.1.6 & IM P N 1.1.7 P N 1.1.8 & IM P N 2.2.1 & IM P N 2.1.2 & IM P N 3.1.2	No mitigation measures beyond the policies and implementation measures identified in the proposed General Plan Update are required.	Less Than Significant Impact.
Stationary Noise				
Stationary noise sources within the City could impact adjacent land uses.	Potentially Significant Impact.	P N 1.1.1 & IM P N 1.1.4 & IM P N 1.1.6 & IM P N 2.2.1 & IM P N 2.1.2 & IM P N 2.1.4 & IM P N 3.1.1 P N 3.1.2	In addition to the policies and implementation measures listed above, the following mitigation measures (MM) are recommended to further reduce noise impacts. MM N-6: Require that mix-use structures be designed to prevent transfer of noise and vibration from the commercial to residential uses.	Less Than Significant Impact.
Stationary noise sources outside the City could impact land uses in Duarte.	Potentially Significant Impact.	P N 2.1.3 P N 2.1.5 & IM	No mitigation measures beyond the policies and implementation measures identified in the proposed General Plan Update are required.	Less Than Significant Impact.
GEOLOGY AND SEISMIC HAZARDS				
Fault Rupture				
Future development resulting from implementation of the proposed General Plan Update could result in geologic or seismic hazards with respect to rupture of a known earthquake fault.	Potentially Significant Impact.	P Safe 1.1.3 & IM P Safe 1.1.4 & IM P Safe 4.1.1 & IM P Safe 4.1.2 & IM	No mitigation measures beyond the policies and implementation measures identified in the proposed General Plan Update are required.	Less Than Significant Impact.
Seismic Ground Shaking				
The City of Duarte could be subject to high levels	Potentially Significant Impact.	P Safe 1.1.3 & IM P Safe 1.1.4 & IM	No mitigation measures beyond the policies and	Less Than Significant Impact.

Impacts	Level of Significance Before Policies/Mitigation	Policies (P) and Implementation Measures (IM) in Proposed General Plan Update	Mitigation Measures	Level of Significance After Policies/Mitigation
of ground shaking during a seismic event. This could result in substantial damage to some buildings within the community.		P Safe 1.1.5 P Safe 1.1.6	implementation measures identified in the proposed General Plan Update are required.	
Liquefaction				
The City of Duarte is underlain by soils that could become unstable during intense ground shaking, resulting in potential liquefaction.	Potentially Significant Impact.	P Safe 1.1.3 & IM P Safe 1.1.4 & IM P Safe 1.1.6 P Safe 4.1.1	No mitigation measures beyond the policies and implementation measures identified in the proposed General Plan Update are required.	Less Than Significant Impact.
Landslides				
The proposed General Plan Update could result in geologic or seismic hazards with respect to landslides.	Potentially Significant Impact.	P Safe 1.1.3 & IM P Safe 1.1.4 & IM P Safe 4.1.1 & IM	No mitigation measures beyond the policies and implementation measures identified in the proposed General Plan Update are required.	Less Than Significant Impact.
Soil Erosion				
Future development resulting from implementation of the proposed General Plan Update could result in impacts related to soil erosion or the loss of topsoil.	Potentially Significant Impact.	P Safe 1.1.3 & IM P Safe 1.1.4 & IM	No mitigation measures beyond the policies and implementation measures identified in the proposed General Plan Update are required.	Less Than Significant Impact.
Expansive Soil and Strength				
Future development resulting from implementation of the proposed General Plan Update could result in impacts related to expansive soils or soil strength.	Potentially Significant Impact.	P Safe 1.1.3 & IM P Safe 1.1.4 & IM P Safe 4.1.1 & IM	No mitigation measures beyond the policies and implementation measures identified in the proposed General Plan Update are required.	Less Than Significant Impact.
HYDROLOGY AND DRAINAGE				
Water Quality Standards And Waste Discharge Requirements				
Development associated with implementation of the proposed General Plan Update could violate water quality standards and waste discharge requirements.	Potentially Significant Impact.	P Con 1.1.3 P Con 1.1.5 & IM P Con 2.1.2 & IM P Con 3.1.2 P Con 5.1.1 P Con 5.1.2	In addition to the policies and implementation measures listed above, the following mitigation measures are recommended to further reduce impacts.	Less Than Significant Impact.

Impacts	Level of Significance Before Policies/Mitigation	Policies (P) and Implementation Measures (IM) in Proposed General Plan Update	Mitigation Measures	Level of Significance After Policies/Mitigation
			<p>MM HYD-1: Individual development projects shall be required to prepare a drainage/grading plan for approval by the City of Duarte Department of Public Works prior to issuance of grading permits.</p> <p>MM HYD-2: Individual development projects shall be required to construct any parkway drains or similar devices required by the draining/grading plan prior to issuance of a building permit.</p>	
Groundwater Depletion				
Development associated with implementation of the proposed General Plan Update could deplete groundwater resources.	Potentially Significant Impact.	P Con 2.1.1 P Con 2.1.2 P Con 2.1.3 P Con. 2.1.4 P Con 2.1.5 P Con 2.1.6 & IM	No mitigation measures beyond the policies and implementation measures identified in the proposed General Plan Update are required.	Less Than Significant Impact.
Drainage and Runoff				
Development associated with implementation of the proposed General Plan Update could result in impacts to drainage patterns and contribute runoff to the city's stormwater drainage systems.	Potentially Significant Impact.	P Con 2.1.5 & IM P Con 5.1.1 P Con 5.1.2	No mitigation measures beyond the policies and implementation measures identified in the proposed General Plan Update are required.	Less Than Significant Impact.
PUBLIC HEALTH AND SAFETY				
Hazardous Materials Use, Generation and Transport				
New commercial or industrial development in accordance with the proposed General Plan Update could result in an increased risk of upset associated with the routine use, generation, and transport of hazardous materials,	Potentially Significant Impact.	P Circ 2.1.2 & IM P LU 2.1.5 P LU 2.1.7 P LU 3.1.6 P Safe 1.1.3 P Safe 1.1.6 & IM P Safe 3.1.1 P Safe 6.1.1 P Safe 6.1.2 & IM	<p>In addition to the policies and implementation measures listed above, the following mitigation measures are recommended to further reduce impacts.</p> <p>MM 4.9-1: Provide information to businesses</p>	Less Than Significant Impact.

Impacts	Level of Significance Before Policies/Mitigation	Policies (P) and Implementation Measures (IM) in Proposed General Plan Update	Mitigation Measures	Level of Significance After Policies/Mitigation
which may potentially pose a health or safety hazard.			<p>on viable alternatives to hazardous materials. Create an informational pamphlet with existing hazardous material substitutions and retailers that sell the materials. Offer the information to applicable business owners who are required to file as a hazardous waste handler in the City.</p> <p>MM 4.9-2: Provide information on viable alternatives to household hazardous materials on the City's website so households may use alternatives. Information will also educate the public to the health, safety, and environmental benefits of using non-hazardous substitutions.</p>	
Accidental Release of Hazardous Materials				
Accidental release of hazardous materials used, stored, or transported in the City could result in a public health risk.	Potentially Significant Impact.	P Circ 2.1.2 & IM P Safe 6.1.1 P Safe 6.1.2 & IM P LU 2.1.7 & IM	No mitigation measures beyond the policies and implementation measures identified in the proposed General Plan Update are required.	Less Than Significant Impact.
Wildland Fires				
Implementation of the proposed General Plan Update could result in an increased exposure of persons and structures to a risk of loss, injury, or death involving wildland fires.	Potentially Significant Impact.	P Safe 1.1.2 & IM P Safe 1.1.3 & IM P Safe 1.1.4 P Safe 1.1.5 & IM P Safe 1.1.6 & IM P Safe 5.1.1 P Safe 5.1.2 & IM P Safe 5.1.3	No mitigation measures beyond the policies and implementation measures identified in the proposed General Plan Update are required.	Less Than Significant Impact.
Dam Inundation				
Future development resulting from implementation of the proposed General Plan Update could result in urban uses being located	Potentially Significant Impact.	P Safe 1.1.3 P Safe 1.1.6 P Safe 2.1.1 P Con 5.1.4 & IM	No mitigation measures beyond the policies and implementation measures identified in the proposed General Plan Update are required.	Less Than Significant Impact.

Impacts	Level of Significance Before Policies/Mitigation	Policies (P) and Implementation Measures (IM) in Proposed General Plan Update	Mitigation Measures	Level of Significance After Policies/Mitigation
in dam inundation areas of the City.				
Flooding				
Future development resulting from implementation of the proposed General Plan Update could result in potential flooding impacts within the City of Duarte.	Potentially Significant Impact.	P Safe 1.1.3 & IM P Safe 1.1.6 P Con 5.1.4 & IM	No mitigation measures beyond the policies and implementation measures identified in the proposed General Plan Update are required.	Less Than Significant Impact.
CULTURAL RESOURCES				
Implementation of the proposed General Plan Update could result in the degradation or loss of historical or cultural resources, destroy paleontological resources, or disturb human remains.	Potentially Significant Impact.	P HP 1.1.1 P HP 1.1.2 P HP 1.2.1 P HP 1.3.1 P HP 2.1.1 P HP 3.1.1 P HP 3.1.2 & IMs	<p>In addition to the policies and implementation measures listed above, the following mitigation measures are recommended to further reduce any impacts.</p> <p>MM CR-1: During excavation and grading activities of any future development project, if archaeological resources are discovered the project contractor shall stop all work and shall retain a qualified archaeologist to evaluate the significance of the finding and appropriate course of action. Salvage operation requirements pursuant to Section 15064.5 of the CEQA Guidelines shall be followed and the treatment of discovered Native American remains shall comply with State codes and regulations of the Native American Heritage Commission.</p> <p>MM CR-2: If human remains are discovered during the development any projects, all activity</p>	Less Than Significant Impact.

Impacts	Level of Significance Before Policies/Mitigation	Policies (P) and Implementation Measures (IM) in Proposed General Plan Update	Mitigation Measures	Level of Significance After Policies/Mitigation
			shall cease immediately, and the project contractor shall notify the Los Angeles County Coroner's Office immediately under state law, and a qualified archaeologist and Native American monitor shall be contacted. Should the Coroner determine the human remains to be Native American, the Native American Heritage Commission shall be contacted pursuant to Public Resources Code Section 5097.98.	
BIOLOGICAL RESOURCES				
Species of Concern				
Implementation of the proposed General Plan Update could affect species identified as a candidate, sensitive, or special status species.	Potentially Significant Impact.	P Con 1.1.4 P Con 1.1.5 & IM P Con 1.1.6 P Con 3.1.2 P Con 6.1.1 & IM	No mitigation measures beyond the policies and implementation measures identified in the proposed General Plan Update are required.	Less Than Significant Impact.
Sensitive Natural Community				
Implementation of the proposed General Plan Update could have a substantial adverse effect on a sensitive natural community.	Potentially Significant Impact.	The policies and implementation measures listed for species of concern (Con 1.1.4, Con 1.1.5, Con 1.1.6, Con 3.1.2, and Con 6.1.1) are also applicable to sensitive natural community impacts.	No mitigation measures beyond the policies and implementation measures identified in the proposed General Plan Update are required.	Less Than Significant Impact.
Wildlife Corridor				
Implementation of the proposed General Plan Update could interfere substantially with the movement of a native resident or migratory wildlife species.	Potentially Significant Impact.	The policies and implementation measures listed for species of concern (Con 1.1.4, Con 1.1.5, Con 1.1.6, Con 3.1.2, and Con 6.1.1) are also applicable to wildlife corridor impacts.	No mitigation measures beyond the policies and implementation measures identified in the proposed General Plan Update are required.	Less Than Significant Impact.

Impacts	Level of Significance Before Policies/Mitigation	Policies (P) and Implementation Measures (IM) in Proposed General Plan Update	Mitigation Measures	Level of Significance After Policies/Mitigation
WATER SUPPLY				
<p>Buildout of the City of Duarte in accordance with the proposed General Plan Update could result in increased demand for water supplies and infrastructure within the City.</p>	<p>Potentially Significant Impact.</p>	<p>P Con 2.1.1 P Con 2.1.2 & IM P Con 2.1.3 P Con. 2.1.4 P Con 2.1.5 P Con 2.1.6 & IM P Safe 5.1.3 & IM P HOU 7.2</p>	<p>In addition to the policies and implementation measures listed above, the following mitigation measures (MM) are recommended to further reduce impacts.</p> <p>MM WS-1: Prior to approval of project tract maps, the project owner/developer(s) shall be required to coordinated with California American Water to determine requirements necessary to mitigate impacts to water supplies and distribution on-site and off-site. Proposed projects shall implement mitigation measures, if required, to the satisfaction of California American Water and the City of Duarte.</p>	<p>Significant Unavoidable Impact.</p>
WASTEWATER				
<p>Buildout of the City of Duarte in accordance with the proposed General Plan Update could result in increased demand of sewer services within the City.</p>	<p>Potentially Significant Impact.</p>	<p>No policies or implementation measures in the proposed General Plan Update pertain to wastewater treatment.</p>	<p>The following mitigation measures (MM) are recommended to reduce impacts.</p> <p>MM WW-1: Prior to issuance of a wastewater permit, payment of connection fees shall be made to connect (directly or indirectly) to CSDLAC's sewerage systems.</p> <p>MM WW-2: Prior to issuance of building permits, an engineering study shall be required to determine the adequacy of the sewer systems.</p>	<p>Less Than Significant Impact.</p>

Impacts	Level of Significance Before Policies/Mitigation	Policies (P) and Implementation Measures (IM) in Proposed General Plan Update	Mitigation Measures	Level of Significance After Policies/Mitigation
FIRE PROTECTION				
Buildout of the City of Duarte in accordance with the proposed General Plan Update could result in the need for additional fire facilities or personnel.	Potentially Significant Impact.	P Safe 1.1.2 & IM P Safe 1.1.4 P Safe 1.1.5 P Safe 3.1.1 & IM P Safe 5.1.1 & IM P Safe 5.1.2 & IM P Safe 5.1.3 & IM P Safe 6.1.2	No mitigation measures beyond the policies and implementation measures identified in the proposed General Plan Update are required.	Less Than Significant Impact.
POLICE PROTECTION				
Buildout of the City of Duarte in accordance with the proposed General Plan Update could result in the need for additional police facilities or personnel.	Potentially Significant Impact.	P Safe 1.1.2 & IM P Safe 1.1.4 & IM	In addition to the policies and implementation measures listed above, the following mitigation measures are recommended to further reduce impacts. MM PP-1: Promote citizen involvement in crime prevention and public safety through programs, education, and other methods.	Less Than Significant Impact.
SCHOOL FACILITIES				
Buildout of the City of Duarte in accordance with the proposed General Plan Update could result in adverse physical impacts to Duarte Unified School District facilities.	Less Than Significant Impact.	No policies or implementation measures are required beyond State mandated fees on new development.	No mitigation measures are required.	Not applicable.
PARKS, RECREATIONAL FACILITIES, AND TRAILS				
Parks and Recreational Facilities				
Implementation of the proposed General Plan Update could result in significant impacts to the adequate availability of parkland and recreational facilities within the City of Duarte.	Potentially Significant Impact.	P OS 1.1.1 & IM P OS 1.1.1 & IM P OS 2.1.1 & IM P OS 2.1.2 & IM P OS 2.1.3 & IM P OS 2.1.4 & IM P OS 2.1.5 & IM P OS 2.1.6 & IM P OS 2.1.7 & IM P OS 3.1.1 & IM P OS 3.1.2 & IM P OS 3.1.3 & IM P OS 3.1.4 & IM	No mitigation measures beyond the policies and implementation measures identified in the proposed General Plan Update are required.	Less Than Significant Impact.

Impacts	Level of Significance Before Policies/Mitigation	Policies (P) and Implementation Measures (IM) in Proposed General Plan Update	Mitigation Measures	Level of Significance After Policies/Mitigation
SOLID WASTE				
<p>Buildout of the City of Duarte in accordance with the proposed General Plan Update could result in increased demand for solid waste services provided to the City.</p>	<p>Potentially Significant Impact.</p>	<p>P Con 4.1.1 & IM P Con 4.1.2 & IM P Con 4.1.3 P Con 4.1.4 & IM</p>	<p>In addition to the policies and implementation measures listed above, the following mitigation measures are recommended to further reduce impacts.</p> <p>MM SW-1: Provide education and outreach to residents and businesses to contribute to the reduction, recycling, and disposal of solid wastes.</p> <p>MM SW-2: Recycling bins shall be provided by project applicants at all construction sites. All recyclable materials currently being accepted at either landfills and/or recycling centers shall be directed for recycling at construction sites.</p> <p>MM SW-3: On-site recycling bins shall be required for retail, business, office, and manufacturing and industrial facilities. Location of bins may require review by the City's Architectural Review Board.</p> <p>MM SW-4: Encourage composting as an alternative to disposal for organic waste.</p> <p>MM SW-5: Commercial and industrial developments shall be required to locate recycling/separation bins in proximity to waste bins for non-recyclables, elevators,</p>	<p>Less Than Significant Impact.</p>

Impacts	Level of Significance Before Policies/Mitigation	Policies (P) and Implementation Measures (IM) in Proposed General Plan Update	Mitigation Measures	Level of Significance After Policies/Mitigation
			<p>loading docks, and primary internal and external access points.</p> <p>MM SW-6: The location of recycling/separation bins shall not be in conflict with any applicable Federal, State, or local laws relating to fire, building, access, transportation, circulation, or safety.</p> <p>MM SW-7: Recycling containers/bins at commercial and industrial facilities shall be located so that they do not block access to each other.</p>	
ELECTRICITY AND NATURAL GAS				
Electricity				
Buildout of the City of Duarte in accordance with the proposed General Plan Update could result in increased demand for electricity provided to the City.	Less Than Significant Impact.	No policies within the proposed General Plan Update pertain to impacts to electricity supply/infrastructure.	No mitigation measures are required.	Not applicable.
Natural Gas				
Buildout of the City of Duarte in accordance with the proposed General Plan Update could result in increased demand for natural gas provided to the City.	Less Than Significant Impact.	No policies or implementation measures in the proposed General Plan Update pertain to impacts to natural gas supply/infrastructure.	No mitigation measures are required.	Not applicable.