

This section provides an overview of the project and the environmental analysis. For additional detail regarding specific issues, please consult the appropriate chapter of Sections 4.1 through 4.13 (Environmental Setting, Impacts, and Mitigation Measures).

### 2.1 PURPOSE AND SCOPE OF THE ENVIRONMENTAL IMPACT REPORT

This Environmental Impact Report (EIR) will provide, to the greatest extent possible, an analysis of the potential environmental effects associated with the implementation of the City of Elk Grove General Plan, pursuant to the California Environmental Quality Act (CEQA).

This EIR analysis focuses upon potential environmental impacts arising from the project. The EIR adopts this approach in order to provide a credible worst-case scenario of the impacts resulting from project implementation.

### 2.2 PROJECT CHARACTERISTICS

The proposed City of Elk Grove General Plan would update the existing General Plan, which was adopted from Sacramento County upon the City's incorporation in July 2000. As described in the Introduction to the City of Elk Grove General Plan, this plan serves as the official policy statement to guide the private and public development of the City in a manner to gain the maximum social and economic benefit for the citizens.

The Goals section of the proposed City of Elk Grove General Plan identifies two different types of goals: Guiding Goals and Focused Goals. The Guiding Goal is a broad statement of purpose and/or direction, while the Focused Goal clarifies and defines the Guiding Goal. The following include the Guiding Goals and Focused Goals of the proposed City of Elk Grove General Plan:

#### **Guiding Goal 1: A High Quality of Life for All Residents**

- Focused Goal 1-1: A safe community, free from manmade and natural hazards
- Focused Goal 1-2: Outdoor recreation opportunities for all residents
- Focused Goal 1-3: A balanced and efficient transportation system
- Focused Goal 1-4: High quality public facilities and services
- Focused Goal 1-5: Excellence in the design of new development
- Focused Goal 1-6: Safe and affordable housing for all persons
- Focused Goal 1-7: Active and passive park facilities and recreation programs that satisfy the leisure time and recreation needs of all residents
- Focused Goal 1-8: Creation and maintenance of a strong, positive community image for Elk Grove
- Focused Goal 1-9: A pattern of land use which enhances the community character of Elk Grove, provides employment and shopping opportunities to serve residents and the region, provides for use of transit, and protects Elk Grove's unique historical and natural features

#### **Guiding Goal 2: Diversified Economic Base**

- Focused Goal 2-1: A business community which includes a diversity of industrial and office uses, locally and regionally oriented retail and services, and a diversity of residential types
- Focused Goal 2-2: A balance between the numbers and types of workers residing in Elk Grove and opportunities for employment in the city
- Focused Goal 2-3: A positive environment for business retention and expansion

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- Focused Goal 2-4: Creation of Elk Grove as a desirable place to establish a business, particularly major employment-generating uses
- Focused Goal 2-5: A current and comprehensive economic development plan outlining the City's strategy to strengthen the local economy
- Focused Goal 2-6: A balanced municipal budget which will allow the City to provide a high level of service to all residents and businesses

### **Guiding Goal 3: Protection of the Natural Environment**

- Focused Goal 3-1: Development which recognizes environmental constraints and is designed and operated to minimize impacts on the environment
- Focused Goal 3-2: Open space lands in proximity to Elk Grove that provide for agricultural use and habitat for native species
- Focused Goal 3-3: Natural resources managed and protected for the use and enjoyment of current and future generations
- Focused Goal 3-4: Preservation and enhancement of Elk Grove's natural areas, in particular the areas within the floodplain of the Cosumnes River

### **Guiding Goal 4: Preservation and Enhancement of Elk Grove's Unique Historic and Natural Features**

- Focused Goal 4-1: Preservation and enhancement of Elk Grove's historic structures and districts
- Focused Goal 4-2: Preservation of the large oak and other tree species which are an important part of the City's historic and aesthetic character

### **Guiding Goal 5: Preservation of the Rural Character of Elk Grove**

- Focused Goal 5-1: Retention of those areas identified for 2-acre and larger lots on the Land Use Map as a rural area through land use and infrastructure controls
- Focused Goal 5-2: Maintenance of those features that provide the character of Elk Grove's rural areas, including: large oak and other trees, narrow local roadways, animal keeping and raising, equestrians, agriculture, and limited commercial opportunities

**Housing Goal 1:** Provide adequate sites, including land suitable for multifamily rental housing, manufactured housing, mobilehomes, housing for agricultural employees, emergency shelters, and transitional housing, to accommodate the City's share of regional housing needs through appropriate zoning and development standards

**Housing Goal 2:** Assist in the development and provision of adequate housing stock to meet the needs of very low, low, and moderate-income households and special needs groups

**Housing Goal 3:** Identify and, where appropriate, remove governmental constraints to the maintenance, improvement, and development of housing, including housing for all income levels and special needs groups

**Housing Goal 4:** Conserve and improve the condition of existing affordable housing stock

- Housing Goal 5:** Promote housing opportunities for all persons, regardless of race, religion, sex, marital status, ancestry, national origin, color, familial status, or disability
- Housing Goal 6:** Preserve assisted (subsidized) housing developments for lower income households

### 2.3 PROJECT ALTERNATIVES SUMMARY

CEQA Guidelines Section 15126.6 requires that an EIR describe a range of reasonable alternatives to the project, which could feasibly attain the basic objectives of the project and avoid and/or lessen the environmental effects of the project. This alternatives analysis provides a comparative analysis between the project and the selected alternatives. In addition to the proposed General Plan Land Use Policy Map, the EIR qualitatively evaluates the following other land use alternatives, which include:

- **No Project Alternative:** CEQA Guidelines Section 15126.6(e) requires that a “no project” alternative be evaluated in an EIR. Under this alternative, the project would not be approved, and the current Elk Grove General Plan land use designations and General Plan policy document (Sacramento County General Plan as adopted by the City in July 2000) would remain.
- **Modification of the General Plan Land Use Policy Map Alternative:** This alternative consists of various requests from the public for land use designation modifications of the proposed General Plan Land Use Policy Map for specific properties and/or areas.
- **Farmland Preservation Alternative:** This alternative consists of preserving existing large land areas in the southern portion of the City in agricultural/rural residential use that have been designated as important farmland areas by the California Department of Conservation.
- **Elimination of the Urban Study Areas Alternative:** This alternative would involve the deletion of General Plan Policy LU-10 and the reference to the Urban Study Areas on General Plan Figure LU-2.
- **Increased Density of Development Alternative:** This alternative is generally based on the activities associated with the Sacramento Council of Government’s (SACOG) “Blueprint Process” for the consideration of accommodating additional population and job growth expected in the Sacramento region.

### 2.4 AREAS OF CONTROVERSY

The City of Elk Grove was identified as the Lead Agency for the proposed project. In accordance with Section 15082 of the CEQA Guidelines, the City of Elk Grove prepared and distributed a Notice of Preparation (NOP) for the Elk Grove General Plan that was circulated for public review on June 21, 2002. The NOP included a summary of probable effects on the environment from the implementation of the project. Written comments received on the NOP were considered in the preparation of the EIR. A summary of NOP comments is included in Section 1.0 (Introduction) and the actual NOP comments are included as **Appendix 1.0**.

The NOP identified that the proposed project may result in the following environmental impacts to be addressed in the EIR:

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- Land Use and Planning;
- Population and Housing;
- Geology and Soils;
- Hydrology/Water Quality;
- Air Quality;
- Agricultural Resources;
- Transportation/Traffic;
- Biological Resources;
- Mineral Resources;
- Hazards and Hazardous Materials;
- Noise;
- Public Services;
- Utilities and Service Systems;
- Aesthetics;
- Cultural Resources; and
- Recreation

Section 1.0 (Introduction) provides a summary of issues and areas of concerns presented to the City by agencies and the public regarding the proposed General Plan and its associated Draft EIR during the NOP review period.

### 2.5 SUMMARY OF ENVIRONMENTAL IMPACTS

**Table 2.0-1** displays a summary of impacts for the proposed General Plan Land Use Policy Map, City of Elk Grove General Plan policies and action items, and proposed mitigation measures that would avoid or minimize potential impacts. In the table, the level of significance is indicated both before and after the implementation of each mitigation measure.

For detailed discussions of all project-level mitigation measures, refer to **Sections 4.1 through 4.13**.

**TABLE 2.0-1  
PROJECT IMPACTS AND PROPOSED MITIGATION MEASURES**

Impact	General Plan Policies and Action Items	Level of Significance Without Mitigation	Mitigation Measure	Resulting Level of Significance
<i>Agriculture</i>				
<b>Impact 4.1.1</b> Implementation of the proposed General Plan would result in the loss of important farmlands (Prime Farmland, Unique Farmland, and Farmland of Statewide Importance) as designated under the Farmland Mapping and Monitoring Program as well as lands under active Williamson Act contracts.	Policies: CAQ-2, CAQ-3, LU-11, PRO-5  Action Items: LU-11-Action 1, PRO-5-Action 1, PRO-5-Action 2, PRO-5-Action 3	S	None Available.	SU
<b>Impact 4.1.2</b> Implementation of the proposed General Plan could result in the placement of urban uses adjacent to agricultural uses within and adjacent to the City.	Policies: CAQ-4, LU-34  Action Items: CAQ-4-Action 1, CAQ-4-Action 2, LU-34-Action 1	S	None Available.	SU
<b>Impact 4.1.3</b> Implementation of the proposed General Plan along with potential development in the Urban Study Areas would contribute significantly to the conversion of important farmland and agriculture/urban interface conflicts. This would be a cumulative significant impact.	Policies: CAQ-2, CAQ-3, CAQ-4, LU-11, LU-15, LU-34, PRO-5  Action Items: CAQ-4-Action 1, CAQ-4-Action 2, LU-11-Action 1, LU-15-Action 1, LU-34-Action 1, PRO-5-Action 1, PRO-5-Action 2, PRO-5-	CS	None Available.	SU

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Impact	General Plan Policies and Action Items	Level of Significance Without Mitigation	Mitigation Measure	Resulting Level of Significance
	Action 3			
<i>Land Use</i>				
<b>Impact 4.2.1</b> Implementation of the proposed General Plan could conflict with relevant land use planning documents within and adjacent to the City of Elk Grove.	Policies: CI-21, LU-20, LU-21, LU-22, LU-23, LU-24, LU-25, LU-26 Action Items: LU-24-Action 1	LS	None Required.	
<b>Impact 4.2.2</b> Implementation of the proposed General Plan would create conflicts with other land uses within the City.	Policies: LU-2, LU-3, LU-4, LU-34 Action Items: LU-2-Action 1, LU-3-Action 1, LU-3-Action-2, LU-3-Action 3, LU-34-Action 1	LS	None Required.	
<b>Impact 4.2.3</b> Implementation of the proposed General Plan could impact land use plans or study areas outside of the city limits, but within the Planning Area.	Policies: CAQ-6, CI-21, LU-15, LU-38 Action Items: CAQ-6-Action 1, CAQ-6-Action 2, LU-15-Action 1	CS	None Available.	SU
<b>Impact 4.2.4</b> Implementation of the proposed General Plan would increase the potential for land use conflicts outside of the City and within the Planning Area.	Policies: CI-21, LU-15, LU-38 Action Items: LU-15-Action 1	LS	None Required.	

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<b>Population/Housing/Employment</b>					
<b>Impact 4.3.1</b>	Implementation of the proposed General Plan could result in population and housing projections that may exceed the SACOG projections for 2025.	Policies: H-1, H-4, H-10, H-12	LS	None Required.	
<b>Impact 4.3.2</b>	The increase in the number of employed persons versus the increase in housing units may result in a jobs-housing imbalance.	Policies: ED-1, ED-7, ED-9, ED-10, H-12, LU-9, LU-10	LS	None Required.	
<b>Impact 4.3.3</b>	The population and housing unit increases at buildout of the General Plan may exceed SACOG's population and housing projections for the Planning Area.	Policies: H-1, H-12, LU-13, LU-14, PF-1	LS	None Required.	
<b>Human Health/Risk of Upset</b>					
<b>Impact 4.4.1</b>	Implementation of the proposed General Plan may contain the potential for the discovery of known and unknown hazardous material contamination in areas proposed for development under the General Plan.	Policies: SA-6, SA-7 Action Items: SA-7-Action 1, SA-7-Action 2, SA-7-Action 3	PS	<b>MM 4.4.1</b> Prior to site improvements for properties that are suspected or known to contain hazardous materials and sites that are listed on or identified on any hazardous material/waste database search shall require that the site and surrounding area be reviewed, tested, and remediated for potential hazardous materials in accordance with all local, state, and federal regulations.	LS
<b>Impact 4.4.2</b>	Implementation of the proposed General Plan could result in safety hazards associated with airport operations to occur in areas proposed	Policies: CI-21, SA-1	LS	None Required.	

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operations to occur in areas proposed for development.				
<b>Impact 4.4.3</b> Implementation of the proposed General Plan could result in accidental incidents and intentional acts at existing and future facilities utilizing hazardous materials.	Policies: SA-1, SA-2, SA-3, SA-6, SA-7, SA-8, SA-9 Action Items: SA-7-Action 1, SA-7-Action 2, SA-7-Action 3, SA-8-Action 1	LS	None Required.	
<b>Impact 4.4.4</b> Implementation of the proposed General Plan could result in public hazards associated with railroad-at-grade crossings.	Policies: SA-4, SA-24 Action Items: SA-24-Action 1, SA-24-Action 2	PS	<b>MM 4.4.4</b> The City shall initiate as well as cooperate in improvements at existing railroad-at-grade crossings to improve public safety. This may include construction of grade-separated crossings and other appropriate safety features.	LS
<b>Impact 4.4.5</b> Implementation of the proposed General Plan and potential development in the Urban Study Areas could result in site-specific hazards being encountered.	Policies: CI-21, SA-1, SA-2, SA-6, SA-7, SA-8, SA-9 Action Items: SA-7-Action 1, SA-7-Action 2, SA-7-Action 3, SA-8-Action 1	CS	<b>MM 4.4.5</b> The City shall ensure that new development near airports be designed to protect public safety from airport operations consistent with recommendations and requirements of the Airport Land Use Commission, Caltrans, and the Federal Aviation Administration.	LS
<b>Impact 4.4.6</b> Implementation of the proposed General Plan and the potential development of the Urban Study Areas could result in the exposure of populated areas to accidental incidents and intentional acts at existing and	Policies: SA-1, SA-2, SA-3 Action Items: SA-3-Action 1	LS	None Required.	

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future facilities utilizing hazardous materials.				
<b>Transportation and Circulation</b>				
<b>Impact 4.5.1</b> Implementation of the proposed General Plan would result in increased traffic volumes, V/C ratios, and a decrease in LOS on area roadways during the A.M. and P.M. peak hours.	Policies: CI-2, CI 3, CI-4, CI-5, CI-6, CI-7, CI-8, CI-9, CI-10, CI-11, CI-12, CI-13, CI-14, CI-15 Action Items: CI-4-Action 1, CI-4-Action 2, CI-4, Action 3, CI-4-Action 4, CI-4-Action 5, CI-5-Action 1, CI-8-Action 1, CI-8-Action 2, CI-9-Action 1, CI-11-Action 1, CI-12-Action 1, CI-14-Action 1	S	<b>MM 4.5.1</b> The City shall coordinate and participate with the City of Sacramento, Sacramento County and Caltrans on roadway improvements that are shared by the jurisdictions in order to improve operations. This may include joint transportation planning efforts, roadway construction and funding.	SU
<b>Impact 4.5.2</b> Implementation of the proposed General Plan would result in increased traffic volumes, V/C ratios, and a decrease in LOS on state highways during the A.M. and P.M. peak hours.	None Available.	S	Implement mitigation measure <b>MM 4.5.1</b> .	SU
<b>Impact 4.5.3</b> Implementation of the proposed General Plan would result in an increase in the demand for transit service.	Policies: CI-2, CI-3, CI-4, CI-5, CI-6, CI-7, CI-8 Action Items: CI-4-Action 1, CI-4-Action 2, CI-4-Action 3, CI-4-Action 4, CI-4-Action-5, CI-5-	LS	None Required.	

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Impact	General Plan Policies and Action Items	Level of Significance Without Mitigation	Mitigation Measure	Resulting Level of Significance
	Action 1, CI-8-Action 1, CI-8-Action 2			
<b>Impact 4.5.4</b> Implementation of the proposed General Plan would result in an increased demand for bicycle and pedestrian facilities.	Policies: CI-2, CI-3, CI-4 Action Items: CI-4-Action 1, CI-4-Action 2, CI-4-Action 3, CI-4-Action 4, CI-5-Action 5	LS	None Required.	
<b>Impact 4.5.5</b> Implementation of the proposed General Plan would result in an increase in traffic volumes, which would increase the potential opportunities for safety conflicts.	Policies: CI-2, CI-3, CI-14, CI-15, CI-16, CI-17, CI-18, CI-19, CI-20 Action Items: CI-14-Action 1	LS	None Required.	
<b>Impact 4.5.6</b> Implementation of the proposed General Plan as well as potential development of the Urban Study Areas would contribute to significant impacts on local roadways and state highways under cumulative conditions.	Policies: CI-2, CI-3, CI-4, CI-5, CI-6, CI-7, CI-8, CI-9, CI-10, CI-11, CI-12, CI-13, CI-14, CI-15 Action Items: CI-4-Action 1, CI-4-Action 2, CI-4-Action 3, CI-4-Action 4, CI-4-Action 5, CI-5-Action 1, CI-8-Action 1, CI-8-Action 2, CI-9-Action 1, CI-11-Action 1, CI-12-Action 1, CI-14-Action 1	CS	Implement mitigation measure <b>MM 4.5.1</b> .	SU

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<p><b>Impact 4.5.7</b> Implementation of the proposed General Plan along with potential development of the Urban Study Areas would contribute to a cumulative increase in the demand for transit service as well as bicycle and pedestrian usage.</p>	<p>Policies: CI-2, CI-3, CI-4, CI-5, CI-6, CI-7, CI-8 Action Items: CI-4-Action 1, CI-4-Action 2, CI-4-Action 3, CI-4-Action 4, CI-4-Action 5, CI-5-Action 1, CI-8-Action 1, CI-8-Action 2</p>	<p>LS</p>	<p>None Required.</p>	
<b>Noise</b>				
<p><b>Impact 4.6.1</b> Implementation of the proposed General Plan would result in subsequent development projects and cause in increase in construction noise levels that would exceed City of Elk Grove noise standards.</p>	<p>Policies: NO-1, NO-2, NO-3 Action Items: NO-3-Action 1</p>	<p>PS</p>	<p><b>MM 4.6.1</b> The City shall require that stationary construction equipment and construction staging areas be setback from existing noise-sensitive land uses. The setback distance will be considered on a case-by-case basis approved by the City of Elk Grove Planning Director.</p>	<p>SU</p>
<p><b>Impact 4.6.2</b> Implementation of the proposed General Plan would result in increases in traffic noise levels that would be in excess of City of Elk Grove noise standards.</p>	<p>Policies: NO-2, NO-5, NO-6, NO-7 Action Items: NO-7-Action 1</p>	<p>S</p>	<p>None Available.</p>	<p>SU</p>
<p><b>Impact 4.6.3</b> Implementation of the proposed General Plan could result in the future development of land uses that generate noise levels in excess of applicable noise standards for non-transportation noise sources.</p>	<p>Policies: NO-2, NO-3, NO-4, NO-8 Action Items: NO-3-Action 1 NO-3-Action 2</p>	<p>LS</p>	<p>None Required.</p>	

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<b>Impact 4.6.4</b> Implementation of the proposed General Plan could expose future land uses to noise associated with the operation of the Sunset Skyranch Airport or Franklin Field Airport.	Policies: C-21, NO-2, NO-5	LS	None Required.	
<b>Impact 4.6.5</b> Implementation of the proposed General Plan could expose future land uses and residents to railroad noise.	Policies: NO-2, NO-5, NO-6, NO-7, NO-8 Action Items: NO-7-Action 1	LS	None Required.	
<b>Impact 4.6.6</b> Implementation of the proposed General Plan along with potential development of the Urban Study Areas could result in increased traffic noise conflicts.	Policies: NO-2, NO-5, NO-6, NO-7 Action Items: NO-7-Action 1	LS	None Required.	
<b>Impact 4.6.7</b> Implementation of the proposed General Plan along with potential development of the Urban Study Areas could result in noise conflicts with the Sunset Skyranch Airport.	Policies: CI-21, LU-15 Action Items: LU-15-Action 1	LS	None Required.	
<b>Impact 4.6.8</b> Implementation of the proposed General Plan along with potential development of the Urban Study Areas would result in impacts to regional noise attenuation levels.	Policies: NO-2, NO-3, NO-4, NO-5, NO-6, NO-7, NO-8 Action Items: NO-3-Action 1, NO-3-Action 2, NO-7-Action 1	CS	None Available.	SU

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<i>Air Quality</i>				
<b>Impact 4.7.1</b> Implementation of the proposed General Plan would result in period exhaust emissions and fugitive dust from construction activities that would affect local air quality	Policies: CAQ-19, CAQ-20, CAQ-21, CAQ-23, CAQ-24, CAQ-25 Action Items: CAQ-19-Action 1, CAQ-19-Action 2, CAQ-19-Action 3, CAQ-20-Action 1, CAQ-20-Action 2, CAQ-20-Action 3, CAQ-20-Action 4, CAQ-21-Action 1, CAQ-21-Action 2, CAQ-23-Action 1, CAQ-24-Action 1, CAQ-24-Action 2, CAQ-24-Action 3	S	<b>MM 4.7.1</b> The City shall require that private development projects utilize low emission vehicles and equipment as part of project construction and operation, unless determined to be infeasible.	SU
<b>Impact 4.7.2</b> Implementation of the proposed General Plan would increase air pollutant emissions from operational activities of land uses within the City.	Policies: CAQ-19, CAQ-20, CAQ-21, CAQ-22, CAQ-23, CAQ-24, CAQ-25 Action Items: CAQ-19-Action 1, CAQ-19-Action 2, CAQ-19-Action 3, CAQ-20-Action 1, CAQ-20-Action 2, CAQ-20-Action 3, CAQ-20-Action 4, CAQ-21-Action 1,	S	Implement mitigation measure <b>MM 4.7.1</b> .	SU

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Impact	General Plan Policies and Action Items	Level of Significance Without Mitigation	Mitigation Measure	Resulting Level of Significance
	CAQ-21-Action 2, CAQ-22-Action 1, CAQ-22-Action 2, CAQ-23-Action 1, CAQ-24-Action 1, CAQ-24-Action 2, CAQ-24-Action 3			
<p><b>Impact 4.7.3</b> Implementation of the proposed General Plan would include sources of criteria pollutants, toxic air contaminants or odors that may affect surrounding land uses. Sensitive land uses may also be located near existing sources of criteria pollutants, toxic air contaminants or odors.</p>	<p>Policies: CAQ-19, CAQ-20, CAQ-21, CAQ-22, CAQ-23, CAQ-24, CAQ-25</p> <p>Action Items: CAQ-19-Action 3, CAQ-20-Action 1, CAQ-20-Action 2, CAQ-20-Action 3, CAQ-20-Action 4, CAQ-21-Action 1, CAQ-22-Action 1, CAQ-22-Action 2, CAQ-23-Action 1, CAQ-24-Action 1, CAQ-24-Action 2, CAQ-24-Action 3</p>	LS	None Required.	
<p><b>Impact 4.7.4</b> Implementation of the proposed General Plan along with potential development of the Urban Study Areas would exacerbate existing regional problems with ozone and particulate matter.</p>	<p>Policies: CAQ-19, CAQ-20, CAQ-21, CAQ-22, CAQ-23, CAQ-24, CAQ-25</p> <p>Action Items: CAQ-19-Action 1, CAQ-19-Action 2,</p>	CS	Implement mitigation measure <b>MM 4.7.1.</b>	SU

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	CAQ-19-Action 3, CAQ-20-Action 1, CAQ-20-Action 2, CAQ-20-Action 3, CAQ-20-Action 4, CAQ-21-Action 1, CAQ-21-Action 2, CAQ-22-Action 1, CAQ-22-Action 2, CAQ-23-Action 1, CAQ-24-Action 1, CAQ-24-Action 2, CAQ-24-Action 3				
<b>Hydrology and Water Quality</b>					
<b>Impact 4.8.1</b>	Implementation of the proposed General Plan could result in adverse impacts to construction water quality.	Policies: CAQ-5, CAQ-11, CAQ-12, CAQ-14  Action Items: CAQ-12-Action 1, CAQ-12-Action 2, CAQ-12-Action 3, CAQ-12-Action 4, CAQ-12-Action 5, CAQ-12-Action 6, CAQ-12-Action 7, CAQ-12-Action 8, CAQ-12-Action 9, CAQ-12-Action 10	LS	None Required.	
<b>Impact 4.8.2</b>	Implementation of the proposed General Plan would result in direct and indirect operational water quality impacts.	Policies: CAQ-5, CAQ-11, CAQ-12, CAQ-14, CAQ-26	LS	None Required.	

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Impact	General Plan Policies and Action Items	Level of Significance Without Mitigation	Mitigation Measure	Resulting Level of Significance
	Action Items: CAQ-12-Action 1, CAQ-12-Action 2, CAQ-12-Action 3, CAQ-12-Action 4, CAQ-12-Action 5, CAQ-12-Action 6, CAQ-12-Action 7, CAQ-12-Action 8, CAQ-12-Action 9, CAQ-12-Action 10, CAQ-26-Action 1, CAQ-26-Action 2			
<b>Impact 4.8.3</b> Implementation of the proposed General Plan could result in the degradation of groundwater quality resulting from future land uses.	Policies: PF-5, PF-11 Action Items: PF-11-Action 1, PF-11-Action 2	PS	<b>MM 4.8.3</b> Future land uses that are anticipated to utilize hazardous materials or waste shall be required to provide adequate containment facilities to ensure that surface water and groundwater resources are protected from accidental releases. This shall include double-containment, levees to contain spills, and monitoring wells for underground storage tanks, as required by local, state and federal standards.	LS
<b>Impact 4.8.4</b> Implementation of the proposed General Plan would increase impervious surfaces and alter drainage conditions and rates in the City, which could result in potential flooding impacts.	Policies: CAQ-11, CAQ-12, SA-12, SA-13, SA-14, SA-15, SA-16, SA-17, SA-18, SA-19, SA-20, SA-21, SA-22 Action Items:	PS	<b>MM 4.8.4</b> The City shall require that all new projects not result in new or increased flooding impacts on adjoining parcels on upstream and downstream areas.	LS

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	CAQ-12-Action 1, CAQ-12-Action 2, CAQ-12-Action 4, CAQ-12-Action 7, SA-17-Action 1, SA-19-Action 1, SA-19-Action 2, SA-19-Action 3, SA-21-Action 1			
<p><b>Impact 4.8.5</b> Implementation of the proposed General Plan would increase demand for water supply to the City requiring increased groundwater production and the use of surface water supplies.</p>	<p>Policies: CAQ-1, PF-3, PF-4, PF-5</p> <p>Action Items: CAQ-1-Action 1, CAQ-1-Action 2, CAQ-1-Action 3, CAQ-1-Action 4, PF-3-Action 1, PF-3-Action 2</p>	S	<p><b>MM 4.8.5</b> The City shall encourage water supply service providers and County Sanitation District 1 to design water supply and recycled water supply facilities in a manner that avoids and/or minimizes significant environmental effects. The City shall specifically encourage the Sacramento County Water Agency to design well facilities and operation to minimize surface flow effects to the Cosumnes River.</p>	SU
<p><b>Impact 4.8.6</b> Implementation of the proposed General Plan along with the potential development of the Urban Study Areas, could contribute to cumulative water quality impacts.</p>	<p>Policies: CAQ-5, CAQ-11, CAQ-12, CAQ-14, CAQ-26, PF-5, PF-11</p> <p>Action Items: CAQ-12-Action 1, CAQ-12-Action 2, CAQ-12-Action 3, CAQ-12-Action 4, CAQ-12-Action 5, CAQ-12-Action 6, CAQ-12-Action 7,</p>	CS	Implement mitigation measure <b>MM 4.8.3</b> .	LS

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	CAQ-12-Action 8, CAQ-12-Action 9, CAQ-12-Action 10, CAQ-26-Action 1, CAQ-26-Action 2, PF-11-Action 1, PF-11-Action 2			
<p><b>Impact 4.8.7</b> Implementation of the proposed General Plan as well as potential development of the Urban Study Areas would increase impervious surfaces and alter drainage conditions and rates in the Planning Area, which could contribute to cumulative flood conditions in the Sacramento River, Cosumnes River, and inland creeks.</p>	<p>Policies: CAQ-11, CAQ-12, SA-11, SA-12, SA-13, SA-14, SA-15, SA-16, SA-17, SA-18, SA-19, SA-20, SA-21, SA-22</p> <p>Action Items: CAQ-12-Action 1, CAQ-12-Action 2, CAQ-12-Action 4, CAQ-12-Action 7, SA-17-Action 1, SA-19-Action 1, SA-19-Action 2, SA-19-Action 3, SA-21-Action 1</p>	CS	Implement mitigation measure <b>MM 4.8.4.</b>	LS
<p><b>Impact 4.8.8</b> Implementation of the proposed General Plan along with potential development of the Urban Study Areas, would contribute to an increased demand for water supply requiring increased groundwater production and the use of surface water supplies that could result in significant environmental impacts.</p>	<p>Policies: CAQ-1, PF-3, PF-4, PF-5</p> <p>Action Items: CAQ-1-Action 1, CAQ-1-Action 2, CAQ-1-Action 3, CAQ-1-Action 4, PF-3-Action 1, PF-3-Action 2</p>	CS	Implement mitigation measure <b>MM 4.8.5.</b>	SU

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Impact	General Plan Policies and Action Items	Level of Significance Without Mitigation	Mitigation Measure	Resulting Level of Significance	
<i>Geology and Soils</i>					
<b>Impact 4.9.1</b>	Implementation of the proposed General Plan could result in increased soil, wind, and water erosion, due to minor or major grading over large areas of land. This would result in potential soil erosion.	Policies: CAQ-6, CAQ-26 Action Items: CAQ-26-Action 1	LS	None Required.	
<b>Impact 4.9.2</b>	Implementation of the proposed General Plan could expose buildings, pavements, and utilities to significant damage as a result of underlying expansive or unstable soil properties.	Policies: SA-23 Action Items: SA-23-Action 1	PS	<b>MM 4.9.2</b> Require a geotechnical report or other appropriate analysis be conducted that determines the shrink/swell potential and stability of the soil for public and private construction projects and identifies measures necessary to ensure stable soil conditions.	LS
<b>Impact 4.9.3</b>	Implementation of the proposed General Plan could result in the construction of projects over a seismically hazardous area.	Policies: SA-23 Action Items: SA-23-Action 1	LS	None Required.	
<b>Impact 4.9.4</b>	Implementation of the proposed General Plan along with potential development of the Urban Study Areas could contribute to cumulative soil erosion impacts.	Policies: CAQ-6, SA-23 Action Items: SA-23-Action 1	LS	None Required.	
<b>Impact 4.9.5</b>	Implementation of the proposed General Plan along with potential development of the Urban Study Areas could result in cumulative impacts to expansive soils and seismic hazards.	Policies: SA-23 Action Items: SA-23-Action 1	LS	None Required.	

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Impact	General Plan Policies and Action Items	Level of Significance Without Mitigation	Mitigation Measure	Resulting Level of Significance
<i>Biological Resources</i>				
<p><b>Impact 4.10.1</b> Implementation of proposed General Plan could impact habitat for special-status plant species.</p>	<p>Policies: CAQ-7, CAQ-9, CAQ-10, CAQ-11, CAQ-12, CAQ13, CAQ-14, CAQ 15, CAQ 17</p> <p>Action Items: CAQ-9-Action 1, CAQ-9-Action 2, CA-10-Action 1, CAQ-12-Action 1, CAQ-12-Action 2, CAQ-12-Action 5, CAQ-12-Action 6, CAQ-12-Action 7, CAQ-12-Action 9, CAQ-12-Action 10</p>	PS	<p><b>MM 4.10.1a</b> The City shall seek to preserve areas, where feasible, where special-status plant and animal species and critical habitat areas are known to be present or potentially occurring based on City biological resource mapping and data provided in the General Plan EIR or other technical material that may be adversely affected by public or private development projects. "Special-status" species are generally defined as species considered to be rare, threatened, endangered, or otherwise protected under local, state and/or federal policies, regulations or laws.</p> <p><b>MM 4.10.1b</b> The City shall require a biological resources evaluation for private and public development projects in areas identified to contain or possibly contain special-status plant and animal species based on City biological resource mapping and data provided in the General Plan EIR or other technical material. The biological resources evaluation shall determine the presence/absence of these special-status plant and animal species on the site. The surveys associated with the evaluation shall be conducted during the appropriate seasons for proper identification of</p>	LS

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Impact	General Plan Policies and Action Items	Level of Significance Without Mitigation	Mitigation Measure	Resulting Level of Significance
			<p>the species. Such evaluation will consider the potential for significant impact on special-status plant and animal species, and will identify feasible mitigation measures to mitigate such impacts to the satisfaction of the City and appropriate governmental agencies (e.g., U.S. Fish and Wildlife Service, California Department of Fish and Game and U.S. Army Corps of Engineers) where necessary (e.g., species listed under the State and/or Federal Endangered Species Act). Mitigation measures may include, but are not limited to, the following:</p> <ul style="list-style-type: none"> <li>▪ For special-status plant species: On- or off-site preservation of existing populations from direct and indirect impacts, seed and soil collection or plant transplant that ensures that the plant population is maintained.</li> <li>▪ For special-status animal species: avoidance of the species and its habitat as well as the potential provision of habitat buffers, avoidance of the species during nesting or breeding seasons, replacement or restoration of habitat on- or off-site,</li> </ul>	

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			relocation of the species to another suitable habitat area, payment of mitigation credit fees. <ul style="list-style-type: none"> <li>▪ Participation in a habitat conservation plan.</li> </ul>	
<b>Impact 4.10.2</b> Implementation of the proposed General Plan could result in direct and indirect impacts on special-status wildlife species and their associated habitats.	Policies: CAQ-7, CAQ-8, CAQ-9, CAQ-10, CAQ-11, CAQ-12, CAQ-13, CAQ-14, CAQ-15, CAQ-17  Action Items: CAQ-8-Action 1, CAQ-8-Action 2, CAQ-8-Action 3, CAQ-8-Action 4, CAQ-8-Action 5, CAQ-8-Action 6, CAQ-8-Action 7, CAQ-8-Action 8, CAQ-8-Action 9, CAQ-9-Action 1, CAQ-9-Action 2, CAQ-10-Action 1, CAQ-12-Action 1, CAQ-12-Action 2, CAQ-12-Action 5, CAQ-12-Action 6, CAQ-12-Action 7, CAQ-12-Action 9, CAQ-12-Action 10	S	Implement mitigation measures <b>MM 4.10.1a</b> and <b>b</b> .	SU
<b>Impact 4.10.3</b> Implementation of the proposed General Plan could result in the loss of	Policies: CAQ-7, CAQ-8,	PS	<b>MM 4.10.3</b> The City shall require that impacts to riparian areas be mitigated to ensure that no net	LS

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Impact	General Plan Policies and Action Items	Level of Significance Without Mitigation	Mitigation Measure	Resulting Level of Significance
sensitive habitat areas in the City.	CAQ-9, CAQ-10, CAQ-11, CAQ-12, CAQ-13- CAQ-14, CAQ-15, CAQ-17 Action Items: CAQ-8-Action 2, CAQ-8-Action 3, CAQ-8-Action 4, CAQ-8-Action 5, CAQ-8-Action 6, CAQ-8-Action 7, CAQ-8-Action 8, CAQ-8-Action 9, CAQ-9-Action 1, CAQ-9-Action 2, CAQ-10-Action 1, CAQ-12-Action 1, CAQ-12-Action 2, CAQ-12-Action 5, CAQ-12-Action 6, CAQ-12-Action 7, CAQ-12-Action 9, CAQ-12-Action 10		mitigated to ensure that no net loss occurs, which may be accomplished by avoidance, revegetation and restoration onsite or creation of riparian habitat offsite.	
<b>Impact 4.10.4</b> Implementation of the proposed General Plan along with potential development of the Urban Study Areas would contribute to cumulative impacts associated with significant effects to special-status plant and wildlife species and habitat loss.	Policies: CAQ-6, CAQ-7, CAQ-8, CAQ-9, CAQ-10, CAQ-11, CAQ-12, CAQ-13, CAQ-14, CAQ-15, CAQ-17, LU-15, LU-38 Action Items: CAQ-6-Action 1, CAQ-6-Action 2,	CS	Implement mitigation measures <b>MM 4.10.1a</b> and <b>b</b> and <b>MM 4.10.3</b> .	SU

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	CAQ-8-Action 1, CAQ-8-Action 2, CAQ-8-Action 3, CAQ-8-Action 4, CAQ-8-Action 5, CAQ-8-Action 6, CAQ-8-Action 7, CAQ-8-Action 8, CAQ-8-Action 9, CAQ-9-Action 1, CAQ-9-Action 2, CAQ-10-Action 1, CAQ-12-Action 1, CAQ-12-Action 2, CAQ-12-Action 5, CAQ-12-Action 6, CAQ-12-Action 7, CAQ-12-Action 9, CAQ-12-Action 10			
<b><i>Cultural and Paleontological Resources</i></b>				
<b>Impact 4.11.1</b> Implementation of the proposed General Plan could result in the disturbance of known and undiscovered prehistoric and historic resources in the City.	Policies: HR-1, HR-2, HR-3, HR-4, HR-6 Action Items: HR-1-Action 1, HR-1-Action 2, HR-1-Action 3, HR-1-Action 4, HR-3-Action 1, HR-3-Action 2, HR-3-Action 3, HR-4-Action 1, HR-4-Action 2, HR-6-Action 1, HR-6-	LS	None Required.	

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Impact	General Plan Policies and Action Items	Level of Significance Without Mitigation	Mitigation Measure	Resulting Level of Significance
	Action 2			
<b>Impact 4.11.2</b> Implementation of the proposed General Plan could result in the disturbance of Pleistocene nonmarine sedimentary rocks (Riverbank Formation) and Quaternary alluvium geologic units, which have potential to contain paleontological resources.	Policies: HR-6 Action Items: HR-6-Action 2	LS	None Required.	
<b>Impact 4.11.3</b> Implementation of the proposed General Plan along with potential development of the Urban Study Areas could contribute to the disturbance of known and undiscovered prehistoric and historic resources in the Elk Grove area.	Policies: HR-1, HR-2, HR-3, HR-4, HR-6 Action Items: HR-3-Action 1, HR-3-Action 2, HR-3-Action 3, HR-4-Action 1, HR-4-Action 2, HR-6-Action 1, HR-6-Action 2	LS	None Required.	
<b>Impact 4.11.4</b> Implementation of the proposed General Plan along with potential development of the Urban Study Areas could contribute to the loss of paleontological resources in the Elk Grove area.	Policies: HR-6 Action Items: HR-6-Action 1, HR-6-Action 2	LS	None Required.	
<b>Public Services and Utilities</b>				
<b>Impact 4.12.1.1</b> Implementation of the proposed General Plan would increase the demand for fire protection and emergency medical service.	Policies: PF-1, PF-2, PF-6, PF-18, PF-19, PF-20, SA-28 Action Items:	LS	None Required.	

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	PF-1-Action 1, SA-28-Action 1, SA-28-Action 2, SA-28-Action 3, SA-28-Action 4, SA-28-Action 5, SA-28-Action 6, SA-28-Action 7			
<b>Impact 4.12.1.2</b> Implementation of the proposed General Plan along with potential development of the Urban Study Areas would contribute to the cumulative demand for fire protection and emergency medical services.	Policies: PF-1, PF-2, PF-6, PF-18, PF-19, PF-20, SA-28 Action Items: PF-1-Action 1, SA-28-Action 1, SA-28-Action 2, SA-28-Action 3, SA-28-Action 4, SA-28-Action 5, SA-28-Action 6, SA-28-Action 7	LS	None Required.	
<b>Impact 4.12.2.1</b> Implementation of the proposed General Plan would result in an increased demand for law enforcement services.	Policies: PF-1, PF-22, SA-25, SA-26, SA-27	LS	None Required.	
<b>Impact 4.12.2.2</b> Implementation of the proposed General Plan along with potential development of the Urban Study Areas would result in the increase of the demand for cumulative law enforcement services.	Policies: PF-1, PF-22, SA-25, SA-26, SA-27	LS	None Required.	
<b>Impact 4.12.3.1</b> Implementation of the proposed	Policies:	LS	None Required.	

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Impact	General Plan Policies and Action Items	Level of Significance Without Mitigation	Mitigation Measure	Resulting Level of Significance
General Plan would increase demand for EGUSD facilities and services.	PF-15, PF-16, PF-17, PF-22, PF-25, PF-26, PF-27			
<b>Impact 4.12.3.2</b> Implementation of the proposed General Plan as well as potential development of the Urban Study Areas, would result in cumulative public school impacts.	Policies: PF-15, PF-16, PF-17, PF-22, PF-25, PF-26, PF-27	LS	None Required.	
<b>Impact 4.12.4.1</b> Implementation of the proposed General Plan would increase wastewater flows and demand for sanitary sewer facilities, which may exceed the capacity of the SRWTP.	Policies: PF-7, PF-8, PF-19, PF-20, PF-22 Action Items: PF-7-Action 1, PF-7-Action 2	LS	None Required.	
<b>Impact 4.12.4.2</b> Implementation of the proposed City of Elk Grove General Plan would increase wastewater flows and demand for additional sanitary sewer infrastructure.	Policies: PF-7, PF-8, PF-19, PF-20, PF-22 Action Items: PF-7-Action 1, PF-7-Action 2	LS	None Required.	
<b>Impact 4.12.4.3</b> Implementation of the proposed General Plan would increase wastewater flows and demand for additional sanitary sewer facilities, which may conflict with the use of septic service in the Planning Area.	Policies: PF-9, PF-19, PF-11, PF-12, PF-13 Action Items: PF-11-Action 1, PF-11-Action 2	LS	None Required.	
<b>Impact 4.12.4.4</b> Implementation of the proposed General Plan along with potential development of the Urban Study Areas and growth in the SRCSD service area would result in cumulative wastewater	Policies: PF-7, PF-8, PF-9, PF-10, PF-11, PF-12, PF-13	CS	None Available.	SU

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would result in cumulative wastewater impacts.	Action Items: PF-7-Action 1, PF-7-Action 2, PF-11-Action 1, PF-11-Action 2			
<b>Impact 4.12.5.1</b> Implementation of the proposed General Plan would increase solid waste generation and the demand for related services.	Policies: CAQ-18 Action Items: CAQ-18-Action 1, CAQ-18-Action 2, CAQ-18-Action 3, CAQ-18-Action 4, CAQ-18-Action 5, CAQ-18-Action 6, CAQ-18-Action 7	LS	None Required.	
<b>Impact 4.12.5.2</b> Implementation of the proposed General Plan along with potential development of the Urban Study Areas would result in cumulative solid waste impacts.	Policies: CAQ-18 Action Items: CAQ-18-Action 1, CAQ-18-Action 2, CAQ-18-Action 3, CAQ-18-Action 4, CAQ-18-Action 5, CAQ-18-Action 6, CAQ-18-Action 7	LS	None Required.	
<b>Impact 4.12.6.1</b> Implementation of the proposed General Plan would increase population and subsequently increase the demand for park and recreation related services.	Policies: PRO-1, PRO-2, PRO-3, PRO-4, PRO-5, PRO-6, PRO-8, PRO-9, PRO-10, PRO-11, PRO-14	LS	None Required.	

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	Action Items: PRO-1-Action 1, PRO-4-Action 1, PRO-9-Action 1, PRO-9-Action 2, PRO-10-Action 1, PRO-11-Action 1			
<b>Impact 4.12.6.2</b> Implementation of the proposed General Plan along with potential development of the Urban Study Areas would result in cumulative park and recreation impacts.	Policies: PRO-1, PRO-2, PRO-3, PRO-4, PRO-5, PRO-6, PRO-8, PRO-9, PRO-10, PRO-11, PRO-14  Action Items: PRO-Action 1, PRO-4-Action 1, PRO-9-Action 1, PRO-9-Action 2, PRO-10-Action 1, PRO-11-Action 1	LS	None Required.	
<b>Impact 4.12.7.1</b> Implementation of the proposed General Plan would increase the demand for electric, telephone and natural gas services.	Policies: PF-1, PF-20, PF-22	LS	None Required.	
<b>Impact 4.12.7.2</b> Implementation of the proposed General Plan would require the extension of electrical, natural gas and telephone infrastructure within the City.	Policies: PF-1, PF-20, PF-22	PS	<b>MM 4.12.7.2</b> The City shall require new utility infrastructure for electrical, natural gas and other infrastructure services avoid sensitive resources, be located so as to not be visually obtrusive, and, if possible, be located within roadway rights-of-	LS

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			ways or existing utility easements.	
<b>Impact 4.12.7.3</b> Implementation of the proposed General Plan along with potential development in the Urban Study Areas would result in cumulative electric, telephone and natural gas service impacts.	Policies: PF-1, PF-20, PF-22	LS	None Required.	
<b>Visual Resources/Light and Glare</b>				
<b>Impact 4.13.1</b> Implementation of the proposed General Plan would result in the alteration of scenic resources.	Policies: CAQ-8, LU-34 Action Items: CAQ-8-Action 1, CAQ-8-Action 2, CAQ-8-Action 3, CAQ-8-Action 4, CAQ-8-Action 5, CAQ-8-Action 6, CAQ-8-Action 7, CAQ-8-Action 8, CAQ-8-Action 9, LU-34-Action 1	S	None Available.	SU
<b>Impact 4.13.2</b> Implementation of the proposed General Plan could result in the introduction of a substantial amount of daytime glare sources to the area.	Policies: LU-34 Action Items: LU-34-Action 1	PS	<b>MM 4.13.2</b> The Design Guidelines shall include a provision to minimize the use of reflective materials in building design in order to reduce the potential impacts of daytime glare.	LS
<b>Impact 4.13.3</b> Implementation of the proposed General Plan would increase the amount of nighttime lighting in developed portions of the City and create new sources in	Policies: LU-34 Action Items:	PS	<b>MM 4.13.3</b> The Citywide Design Guidelines shall include provisions for the design of outdoor light fixtures to be directed/shielded downward and screened to avoid adverse nighttime	LS

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Impact	General Plan Policies and Action Items	Level of Significance Without Mitigation	Mitigation Measure	Resulting Level of Significance
undeveloped areas. These increased nighttime lighting levels could have an adverse affect on adjacent areas and land uses.	LU-34-Action 1		lighting spillover effects on adjacent land uses and nighttime sky glow conditions.	
<p><b>Impact 4.13.4</b> Implementation of the proposed General Plan along with the potential development of the Urban Study Areas would result in the further conversion of the region's rural landscape to residential, commercial, and other land uses. This would contribute to the alteration of the visual resources in the region.</p>	<p>Policies: CAQ-8, LU-34</p> <p>Action Items: CAQ-8-Action 1, CAQ-8-Action 2, CAQ-8-Action 3, CAQ-8-Action 4, CAQ-8-Action 5, CAQ-8-Action 6, CAQ-8-Action 7, CAQ-8-Action 8, CAQ-8-Action 9, LU-34-Action 1</p>	CS	Implement mitigation measures <b>MM 4.13.2</b> and <b>MM 4.12.4</b> .	SU