

IMPACT ANALYSIS

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# SECTION 4.0

## 4.0 IMPACT ANALYSIS

Chapter 4.0 of this Draft Environmental Impact Report (Draft EIR) was prepared to evaluate the environmental impacts of the proposed North Canyon Ranch residential development and the Required Island Annexations – together the “project” – regarding issues identified through the Initial Study and Notice of Preparation scoping process (see **Appendix A, Initial Study/Notice of Preparation, NOP Scoping Comments, Cumulative Projects**), including consultation with regulatory agencies other than the City.

Based upon this process, the following issues are addressed in this Draft EIR, arranged by Section number:

- 4.1 Aesthetics
- 4.2 Agricultural and Open Space Resources
- 4.3 Air Quality
- 4.4 Biological Resources
- 4.5 Cultural, Tribal Cultural and Paleontological Resources
- 4.6 Geology and Soils
- 4.7 Greenhouse Gas Emissions
- 4.8 Hydrology and Water Quality
- 4.9 Land Use and Planning
- 4.10 Noise
- 4.11 Population and Housing
- 4.12 Public Services
  - 4.12.1 Fire and Ambulance Services
  - 4.12.2 Police Services
  - 4.12.3 Schools
- 4.13 Parks and Recreation
- 4.14 Transportation
- 4.15 Utility and Service Systems
  - 4.15.1 Water Supply
  - 4.15.2 Wastewater
  - 4.15.3 Solid Waste
- 4.16 Wildfire

The analysis within each of these sections discusses the existing conditions (including environmental setting and regulatory setting), thresholds of significance, project impacts and mitigation measures, residual impacts (i.e., the level of significance after implementation of mitigation measures), and cumulative impacts related to the proposed project. These Draft EIR Sections provide citations to data sources, including plans and studies. A comprehensive list of sources is also provided in Section 7.3, References. All of the project plans and technical studies, most of which are included as Appendices to this Draft EIR are otherwise cited and are hereby incorporated by reference.

Several conventions were used in the Chapter 4.0 Analysis Sections. The first reference to a figure or a table have been bolded in each section, to indicate that the figure or table should follow shortly thereafter. Acronyms are also defined anew within the text of each section and a master Acronym list follows the

Table of Contents. In addition, acronyms are redefined starting again within each section's mitigation measures, so that when they are read independently there is no need to refer back.