

**CHAPTER 6** **Natural Resources**

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## INTRODUCTION

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Nestled in a scenic valley, Simi Valley provides a quality of life that is closely linked to its natural setting, which physically separates the community from adjacent jurisdictions and contributes to its distinct identity. Simi Valley's unique character and quality of life are influenced by its setting, which includes the hillsides, canyons, picturesque sandstone rock outcroppings, and rural lands that surround the community. In addition



*Simi Valley hillside open space*

to recreational and aesthetic resources, many of these areas provide ecological benefits and valuable plant and animal habitat.

The General Plan's goals, policies, design criteria, and land use densities reflect the dedication of the community to preserving its ridgelines, open space, and tree-studded hillsides as important natural and visual resources. The policies limit the amount and types of development allowed in these

natural areas and guide the character of development that occurs in the hillsides surrounding Simi Valley. Many of these goals and policies are implemented through the City's Hillside Performance Standards and Tree Preservation Ordinance. These policies are further supported by the Simi Valley City Urban Restriction Boundary (CURB), which was established by a vote of the electorate in 1988 to limit urban sprawl and protect the existing agricultural, open-space, view sheds, wildlife, and watershed areas surrounding the community from the impacts of development.

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## NATURAL RESOURCES (NR)

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In recent years, there has been a growing community interest in sustainability. Sustainability is related to the quality of life in a community and whether the economic, social, and environmental systems that make up Simi Valley are maintained in a way that creates a healthy living environment, uses resources wisely, and preserves the way of life for present and future residents. Sustainability comprises an important component of the General Plan policies and programs and is woven throughout all chapters of the General Plan. Sustainable land use practices accommodate population growth in a more efficient manner than expanding the City outward into open space. It involves reinvesting in existing underutilized areas, providing housing close to jobs, promoting transit use and walking, and minimizing urban sprawl, loss of open space, pollution, and traffic congestion. Sustainable design and building practices include incorporating energy efficiency, water conservation, waste minimization, pollution prevention, resource efficient materials, and high standards of indoor environmental quality in all phases of a building's life.

The City of Simi Valley will continue to preserve its environmental resources and is committed to the protection of its water, biological species and habitat, urban forest, air, energy, and scenic amenities. The following goals and policies provide guidance to ensure that future development within the City and its sphere of influence supports this commitment.

## Open Space and Natural Features

The unique character of Simi Valley and many aspects of quality of life in the community are influenced by the substantial hillside areas, canyons, open space, and rural and agricultural lands that surround the community. Goals and policies in this section relate to the preservation and maintenance of natural open space areas, including local and regional parks, as shown in Figure NR-1 (Open Space Resources), and the creation and preservation of important wildlife habitat areas and corridors in the areas surrounding the City as shown in Figure NR-2 (Wildlife Habitat and Movement Corridors).

### GOAL NR-1

**Natural Resource Conservation.** Natural resources of importance to the City of Simi Valley and its Planning Area are conserved, enhanced, and protected.

#### Policies

- NR-1.1 Open Space Preservation and Buffer Zone.** Protect, conserve, and maintain the open space, hillside, and canyon areas that provide a buffer zone around the City’s urban form, serve as designated habitat for sensitive species, and provide recreation opportunities for residents and visitors. *(Imp A-1, A-2, LU-8, LU-18, NR-1)*
- NR-1.2 Slope Preservation.** In open space areas, uses requiring grading or other alteration of land shall maintain the natural topographic character and ensure that downstream properties and watercourses are not adversely affected by siltation or chemical runoff. *(Imp A-1, A-2, LU-18, NR-3)*
- NR-1.3 Partnerships to Fund Open Space Protection.** Establish partnerships with public and private conservation agencies such as the Rancho Simi Recreation and Park District, Santa Monica Mountains Conservancy, Mountains Recreation and Conservation Authority, and the Nature Conservancy, adjoining cities, and non-governmental organizations to maximize funding for open space land acquisition and preservation opportunities. *(Imp A-1, A-2, LU-8, LU-18, NR-1, NR-13)*
- NR-1.4 Tierra Rejada Greenbelt.** Maintain the Tierra Rejada Greenbelt located to the west of the Simi Valley City limits, which serves as an important visual, biological, and open space resource separating and defining a distinct edge for urbanized development. Additionally, support the County of Ventura efforts to reduce development density within the Greenbelt. *(Imp A-1, A-2, LU-8, LU-18, NR-1, NR-13)*
- NR-1.5 Development Regulations.** Amend the Development Code as necessary to provide effective preservation of open space areas. *(Imp A-1, A-2, LU-7, LU-8, LU-18, NR-1, NR-4)*
- NR-1.6 Open Space for Wildlife Habitat.** Preserve open space in its natural form. Prioritize preservation of open space that can support Sensitive, Endangered, and Protected species, as defined by the county, state, and federal governments, as part of a contiguous system that allows the movement of wildlife from one habitat area to another. *(Imp A-1, A-2, LU-8, LU-18, NR-1)*
- NR-1.7 Tools to Preserve Open Space.** Maximize the protection of open space through the following actions:
- City land use, development, and zoning regulations
  - Fee-title dedications associated with new private developments

- Mitigation requirements for loss of habitat areas
- Development agreements that maintain open space in private developments
- Establishment of conservation easements
- Easement acquisition that retains open space
- Tax sale, donation, life estate, eminent domain, and leaseback arrangements (*Imp A-1, A-2, LU-1, LU-2, LU-7, LU-8, LU-18, NR-1, NR-2, NR-4, NR-5*)

**NR-1.8 Density Transfer.** In lieu of providing open space, allow concentrated development and limit development to low density residential or low intensity recreational uses for more effective protection of open space and environmental resources. (*Imp A-1, A-2, LU-1, LU-7, LU-18, NR-4, NR-5*)

**NR-1.9 Restoration of Degraded Areas.** Require replanting of vegetation and remediation of associated erosion in conjunction with requested land use approvals in hillside areas. (*Imp A-1, A-2, LU-1, LU-2, LU-18, NR-2, NR-3, NR-5*)

**NR-1.10 Restoration of Landfill Area.** Work with the County of Ventura to ensure that the landfill area in the City’s sphere of influence is restored to the most natural state possible upon termination of landfill operations. (*Imp A-1, A-2, LU-18, NR-13*)

**NR-1.11 Arroyo Simi.** Enhance and conserve the Arroyo Simi and its tributaries as a natural resource for scenic and passive recreational enjoyment by the community. (*Imp A-1, A-2, LU-8, LU-18, NR-1, NR-8*)

## GOAL NR-2

**Vegetation and Habitat Preservation.** Plant and wildlife habitat are preserved and enhanced and wildlife movement corridors are protected.

### Policies

**NR-2.1 Tree Preservation.** Encourage the preservation of trees and native vegetation in development projects. Require that new development utilize creative land planning techniques to preserve any existing healthy, protected trees to the greatest extent possible. (*Imp A-1, A-2, LU-1, LU-7, LU-18, NR-4, NR-5*)

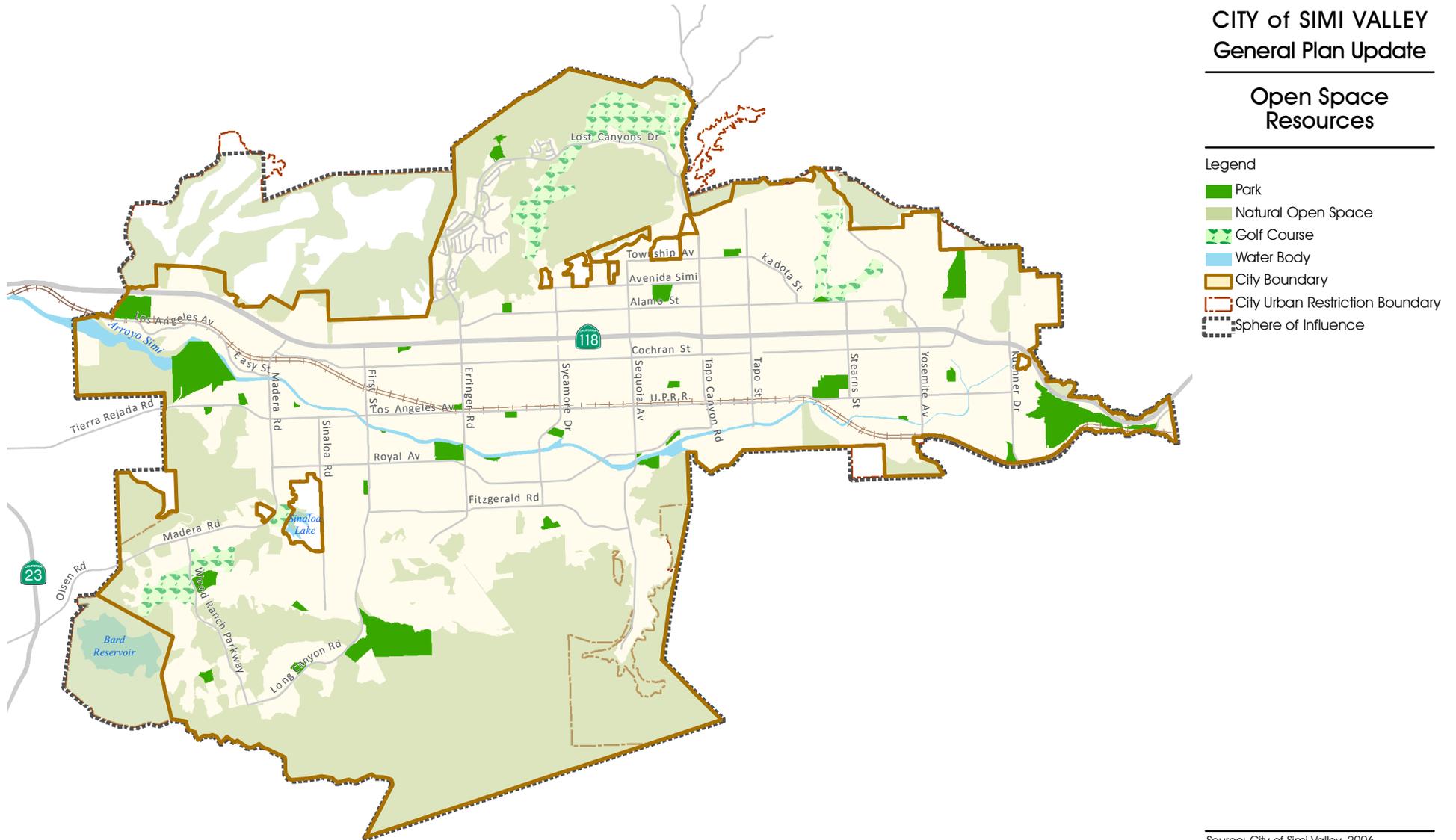


*Hillside vegetation*

**NR-2.2 Wildlife Crossings.** Require the installation of wildlife crossing structures by developers or as part of public improvement projects. Minimize artificial night lighting in the vicinity of wildlife crossing structures and adjacent wild lands. Install appropriate wildlife fencing and encourage the growth of woody native vegetation leading up to crossing structures to provide cover and direction and to encourage the use of the crossing structures by wildlife. (*Imp A-1, A-2, LU-1, LU-18, NR-5*)

CITY of SIMI VALLEY  
General Plan Update

Open Space  
Resources



Source: City of Simi Valley, 2006  
Date Revised: December 10, 2010  
D21310\_Simi\_Valley\_GPI/OpenSpace\_ArroyoSimi.mxd

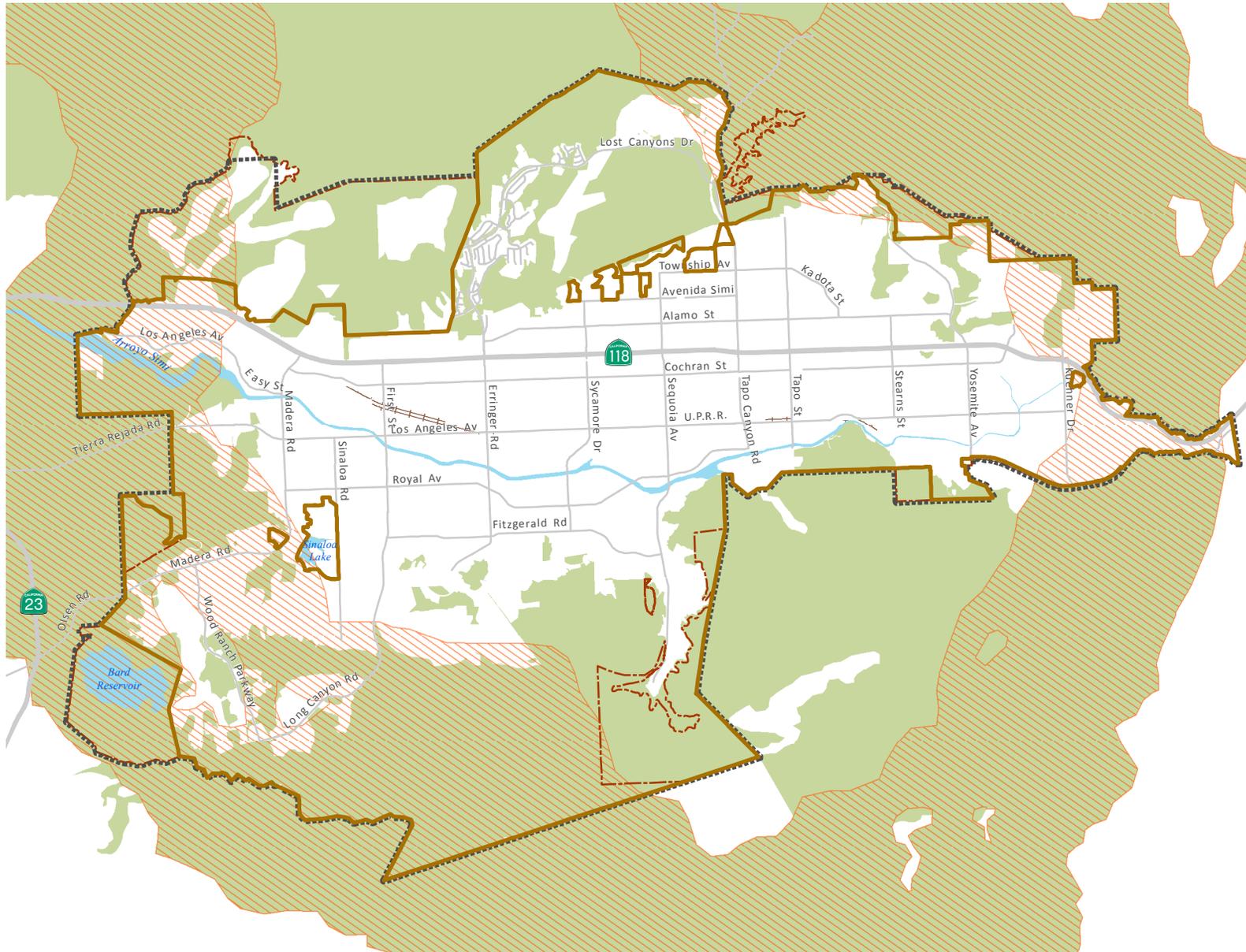


Figure NR-1



# CITY of SIMI VALLEY General Plan Update

## Wildlife Habitat and Movement Corridors



Legend

-  Wildlife Movement Areas/  
Landscape Linkage
-  Wildlife Habitat
-  City Boundary
-  City Urban Restriction  
Boundary
-  Sphere of Influence

Source: South Coast Wildlands, June 2006;  
Ventura County, 2006  
Date Revised: December 15, 2010  
D21310\_Simi\_Valley\_GP\wildlife\_corridors.mxd



**Figure NR-2**



## NATURAL RESOURCES (NR)

- NR-2.3 Agency Collaboration.** Work with federal, state, and local agencies, such as Santa Monica Mountains Conservancy, Mountains Recreation and Conservation Authority, Rancho Simi Recreation and Park District, National Park Service, and other organizations, for guidance on the restoration of riparian communities and vegetative cover at passageways. *(Imp A-1, A-2, LU-18, NR-13)*
- NR-2.4 Habitat Connectivity.** Ensure that projects within areas identified as regional wildlife corridors are designed and constructed so as to preserve the ability of wildlife to travel through the region. *(Imp A-1, A-2, LU-7, LU-18, NR-4)*
- NR-2.5 Wetland and Sensitive Habitat Mitigation.** Conserve wildlife ecosystems, wetlands, and sensitive habitat areas in the following order of protection preference: (1) avoidance; (2) on-site mitigation; and (3) off-site mitigation. Where avoidance is not possible, require provision of replacement habitat through restoration and/or habitat creation to mitigate the loss of wetland and/or sensitive habitat. Off-site replacement habitat should be at a minimum of 5:1 replacement ratio or as recommended by the California Department of Fish and Game. *(Imp A-1, A-2, LU-1, LU-2, LU-7, LU-18, NR-2, NR-4, NR-5)*
- NR-2.6 Site Assessments.** Require assessment by a qualified professional for development applications that may adversely affect sensitive biological or wetland resources, including occurrences of special-status species, occurrences of sensitive natural communities, and important wildlife areas and movement corridors. Ensure that individual projects incorporate measures to reduce impacts to special-status species, sensitive natural communities, and important wildlife areas and movement corridors according to Simi Valley's environmental review process. *(Imp A-1, A-2, LU-1, LU-2, LU-18, NR-2, NR-5)*
- NR-2.7 Projects Outside the Valley Floor.** Design projects outside the valley floor to include measures that avoid isolating areas of wildlife habitat from larger habitat areas. *(Imp A-1, A-2, LU-1, LU-2, LU-18, NR-2, NR-5)*
- NR-2.8 Compatibility of Trails to Habitat.** Require developers or agencies to align or relocate trails to avoid impacting sensitive habitats such as wetlands and areas where endangered species are present. *(Imp A-1, A-2, LU-1, LU-18, NR-5, NR-13)*

## Visual Resources

The City of Simi Valley offers a variety of natural and man-made aesthetic resources that are visible to people walking, cycling, or driving through the City. The preservation and maintenance of man-made and natural aesthetic resources are important components of maintaining the quality of life in this community. Goals and policies in this section address view protection, maintenance of natural topography, and reducing the visual impacts of utilities and signs within natural areas.

### GOAL NR-3

**Visual Resource Protection.** Significant visual resources are preserved as important quality-of-life amenities for residents and as assets for recreation and tourism.

**Policies**

**NR-3.1 Maintenance of Natural Topography.** Preserve hills, ridgelines, canyons, bluffs, significant rock outcroppings, and open space areas surrounding the City as a visual resource, and locate buildings and utility infrastructure to minimize alteration of natural topography. *(Imp A-1, A-2, LU-2, LU-8, LU-18, NR-1, NR-2)*

**NR-3.2 Trails, Recreation Areas, and Viewing Areas.** Provide public trails, recreation areas, and viewing areas near significant visual resources where appropriate. *(Imp A-1, A-2, LU-1, LU-18, NR-5)*



*Recreation area*

**NR-3.3 Location and Design of Developments.** Require development within visually sensitive areas to minimize impacts to scenic resources and to preserve unique or special visual features, particularly in hillside areas, through the following:

- Creative site planning
- Integration of natural features into the project
- Appropriate scale, materials, and design to complement the surrounding natural landscape
- Clustering of development so as to preserve open space vistas and natural features
- Minimal disturbance of topography
- Creation of contiguous open space networks *(Imp A-1, A-2, LU-1, LU-18, NR-5)*

**NR-3.4 Collaboration with Local, State, and Federal Agencies.** Coordinate with adjacent jurisdictions and state and federal agencies to protect designated scenic resources and corridors that, although beyond the City’s land use authority, are important to the welfare of City residents. *(Imp A-1, A-2, LU-18, NR-13)*

**NR-3.5 Development Location on Hillsides.** Require development to preserve and enhance physical features by being located down and away from ridgelines. *(Imp A-1, A-2, LU-18, NR-3)*

**Water Conservation and Water Quality**

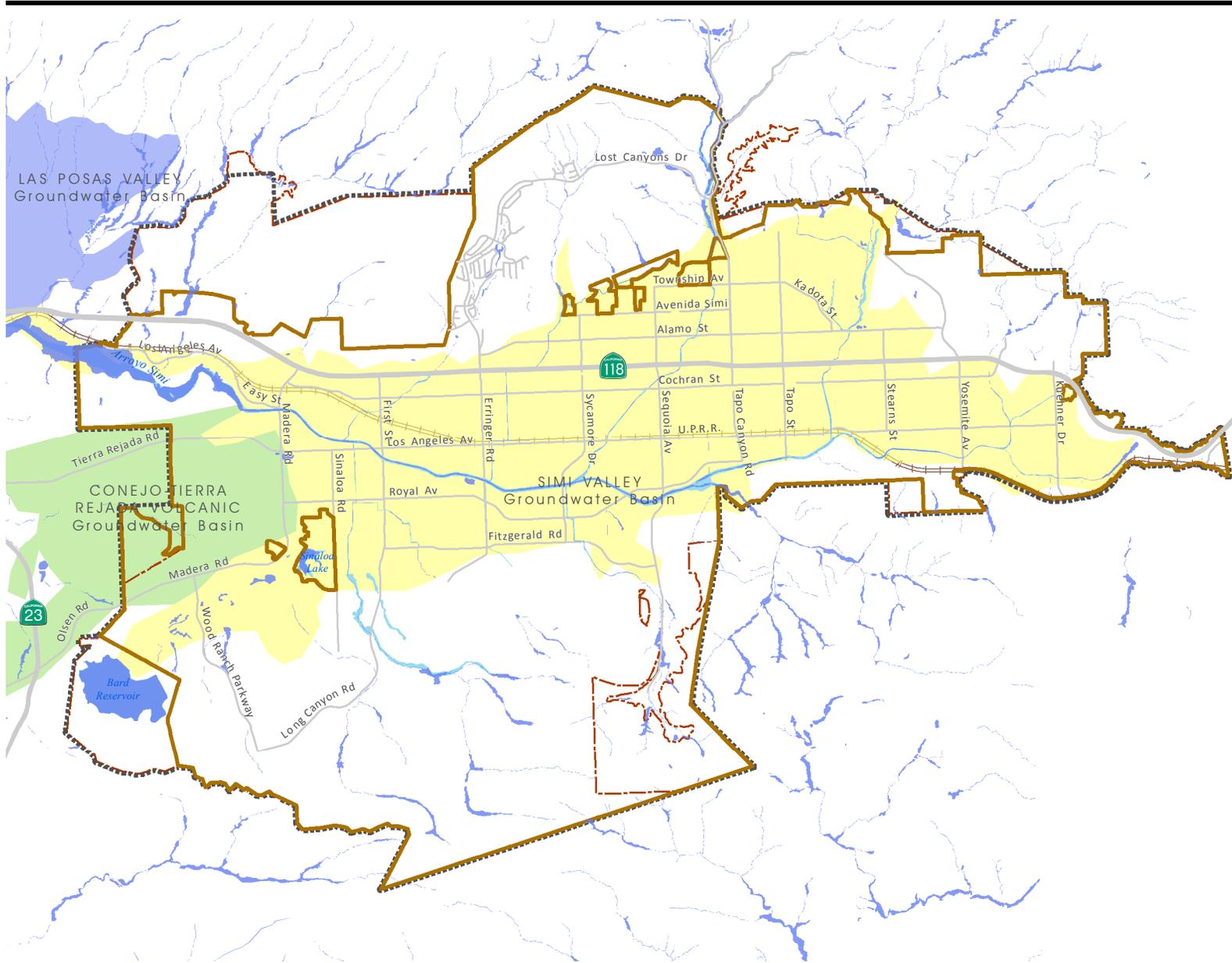
Clean water is essential to sustain present and future generations, as well as plants and animals that are a part of the ecosystem. Simi Valley is situated within the Calleguas Creek Watershed, which is comprised of several groundwater basins including the Conejo-Tierra Rejada basin, located partly within the City, and an extensive network of wetlands, as depicted in Figure NR-3 (Wetlands and Watersheds). Goals and policies in this section guide development and infrastructure system management practices to conserve existing water resources and protect surface water and groundwater within this basis from degradation by runoff and pollution.

CITY of SIMI VALLEY  
General Plan Update

Wetlands  
and Watersheds

Legend

-  National Wetlands Inventory
-  City Boundary
-  City Urban Restriction Boundary
-  Sphere of Influence



Source: CA Interagency Watershed Map, 1999;  
U.S. Fish and Wildlife Service NWI, Jan 2003  
Date Revised: December 15, 2010  
D21310\_Simi\_Valley\_GPIWatershedWetlands.mxd



Figure NR-3



## NATURAL RESOURCES (NR)

### GOAL NR-4

**Water Conservation.** Water consumption is minimized through conservation methods and other techniques.

#### Policies

- NR-4.1 Water Conservation.** Establish water conservation goals and benchmarks for the next 20-year period. Establish auditing methods to evaluate the extent of success in meeting goals as well as the effectiveness of conservation programs and technology. *(Imp A-1, A-2, LU-18, IU-2, NR-9)*
- NR-4.2 Public Education.** Establish a comprehensive water conservation program to educate the public, publicize regulations, and provide information regarding incentives. *(Imp A-1, A-2, LU-18, IU-2, NR-9)*
- NR-4.3 Water Conservation Measures.** Require water conservation measures/devices that limit water usage for all new construction projects and major alterations to existing facilities, including public facilities. These measures should include the use of water-efficient landscaping and irrigation, stormwater capture, efficient appliances and fixtures, and use of “gray water” for irrigation. *(Imp A-1, A-2, LU-7, LU-18, IU-2, NR-4, NR-9)*
- NR-4.4 Partnerships for Conservation.** Explore partnerships with other public agencies (such as the Simi Valley Unified School District, Rancho Simi Recreation and Park District, and Ventura County Watershed Protection District) to reduce water consumption. *(Imp A-1, A-2, LU-18, NR-13)*
- NR-4.5 Water Efficient Landscaping.** Require that drought-tolerant landscaping be installed for all private and City landscaping and parkways. *(Imp A-1, A-2, LU-7, LU-18, NR-4)*
- NR-4.6 Irrigation Timing.** Require that public and private irrigation be done at optimum times of the day, such as early mornings or late afternoon, and use weather sensors to facilitate optimum irrigation. *(Imp A-1, A-2, LU-7, LU-18, NR-4)*
- NR-4.7 Monitoring System.** Adopt state-of-the-art water monitoring systems to remotely monitor the City’s water usage, leaks, and ruptures. *(Imp A-1, A-2, LU-18, IU-1, NR-12)*
- NR-4.8 Infrastructure Upgrades.** Continue to upgrade the City’s water infrastructure to minimize water leakage and ensure adequate supply for residents and businesses. *(Imp A-1, A-2, LU-18, IU-1, IU-2, NR-9, NR-12)*
- NR-4.9 Funding.** Explore methods to provide financial support for water conservation efforts. *(Imp A-1, A-2, LU-18, IU-2, NR-9)*

### GOAL NR-5

**Watershed Protection.** Local watersheds, water bodies, and groundwater resources, including creeks, reservoirs, and rivers, are protected from pollution and degradation.

#### Policies

- NR-5.1 Permeable Surfaces.** Limit the percentage of impermeable surface (such as asphalt) for new or renovated public, institutional, residential, and commercial projects. *(Imp A-1, A-2, LU-7, LU-18, IU-6, NR-4, NR-10)*

**NR-5.2 Protect Open Space Areas and Water Resources.** Conserve undeveloped open space areas and drainage channels for the purpose of protecting water resources in the City's watershed. For new development and post-development runoff, control sources of pollutants and improve and maintain urban runoff water quality through stormwater protection measures consistent with the City's National Pollution Discharge Elimination System (NPDES) Permit. *(Imp A-1, A-2, LU-8, LU-18, IU-6, NR-1, NR-10)*



*Storm drain message*

**NR-5.3 Watershed Education.** Implement watershed awareness and water quality educational programs for community organizations, the public, and other appropriate groups. *(Imp A-1, A-2, LU-18, IU-6, NR-10)*

**NR-5.4 Removal of Debris.** Require that parking lots and public and private streets and alleys be cleaned as frequently as necessary, and in a manner that minimizes noise and water consumption, to remove debris and contaminated residue. *(Imp A-1, A-2, LU-7, LU-18, IU-6, NR-4, NR-10)*

**NR-5.5 Arroyo Simi.** Restore and protect the Arroyo Simi as a natural resource that contributes to recharge and filtration capability for the watershed. *(Imp A-1, A-2, LU-8, LU-18, NR-1, NR-8)*

## GOAL NR-6

**Water Quality.** There are minimal adverse effects to water quality from the sanitary sewer system.

### Policies

**NR-6.1 Sewer System Management Plan.** Prepare and maintain a Sewer System Management Plan to reflect infrastructure needs and environmental requirements, address emergency spill response and preventive maintenance, establish legal authority, and include pollution mitigation measures. *(Imp A-1, A-2, LU-18, IU-1, IU-5, NR-12)*

**NR-6.2 Public Outreach.** Prepare and implement a public outreach campaign to communicate to residents and businesses the requirements to limit the amount of fats, oils, pesticides, and toxic chemicals entering the sewer system. *(Imp A-1, A-2, LU-18, IU-6, NR-10)*

**NR-6.3 Sewer System Upgrades.** Continue to inspect, upgrade, and improve the City's sewer infrastructure to minimize deficiencies and reduce leaks and contamination. *(Imp A-1, A-2, LU-18, IU-1, NR-12)*

**NR-6.4 Penalties and Fines.** Implement severe fines for dumping hazardous materials into the City's water, sewer, and storm drain systems. *(Imp A-1, A-2, LU-18, IU-6, NR-10)*

## Energy Resources

These goals and policies address plans to reduce greenhouse gases, promote energy conservation, and incorporate sustainable building practices, such as designing, constructing, and operating buildings and landscapes to incorporate energy efficiency, water conservation, waste minimization, pollution prevention, resource efficient materials, and high standards of indoor environmental quality.

### GOAL NR-7

**Reliable Energy Resources.** Reliable, affordable, and environmentally sensitive energy resources are available for residents and businesses.

#### Policies

**NR-7.1 Monitor Climate Action Plan (CAP).** Monitor progress toward meeting the emissions reduction targets identified in the City’s Climate Action Plan (CAP), which complies with statewide greenhouse gas (GHG) reduction goals as established by AB32. Revise and update the CAP, as necessary. *(Imp A-1, A-2, LU-2, LU-9, LU-18, NR-2, NR-11)*

**NR-7.2 Public Education.** Continue to promote energy conservation measures and options to all residents, businesses, consultants, contractors, etc., through newsletters, brochures, and the City’s website. *(Imp A-1, A-2, LU-18, IU-10, NR-6)*

**NR-7.3 Energy Award Program.** Develop an annual energy conservation award program for new sustainable development in the community that demonstrates leadership in energy efficiency and involves innovation in conservation applications. *(Imp A-1, A-2, LU-9, LU-18, IU-10, NR-6, NR-11)*



**NR-7.4 Solar-Ready Buildings.** Require that, where feasible, all new buildings be constructed to allow for easy, cost-effective installation of solar energy systems in the future addressing such elements as: optimal roof orientation, clear access, adequacy of structural support, and installation of electrical conduit and plumbing. *(Imp A-1, A-2, LU-7, LU-9, LU-18, NR-4, NR-11)*

Solar panels

### GOAL NR-8

**Reduced Energy Consumption.** Energy consumption is minimized through sustainable building practices and other reduction strategies.

**NR-8.1 Green Building Retrofit.** Promote the retrofitting of existing structures with green building technologies/practices and encourage municipal structures under renovation to be built to a green energy standard such as LEED. *(Imp A-1, A-2, LU-18, NR-7)*

- NR-8.2 Community Education for Green Building Practices.** Create a program to educate and assist residents and businesses in increasing their knowledge and awareness of Green Building Practices to increase energy performance for existing structures. *(Imp A-1, A-2, LU-9, LU-18, IU-2, IU-10, NR-6, NR-7, NR-9, NR-11)*
- NR-8.3 Urban Heat Island Effects.** Seek to reduce the “heat island” effect of developed areas by promoting such features as white roofs, light colored hardscape/paving materials, and shade trees, and by reducing the extent of unshaded areas in parking lots. *(Imp A-1, A-2, LU-2, LU-18, NR-2, NR-7)*
- NR-8.4 Solar Homes Partnership.** Require that projects of five or more housing units participate in the California Energy Commission’s new solar homes partnership, which provides rebates to developers who offer solar power in at least 50% of new units, or a program with similar provisions. *(Imp A-1, A-2, LU-7, LU-18, NR-4)*

## Air Quality

Although air quality has improved in the Southern California air basin in which Simi Valley is located over the last two decades, the region continues to experience significant air pollution problems. Both the federal and state governments have established air quality standards and regulations pertaining to a variety of pollutants and emissions. These regulations are administered in Simi Valley by the Ventura County Air Pollution Control District. The following goals and policies balance the City’s management of land use, circulation, and other regulatory actions in consideration of their potential effects on local and regional air quality.

### GOAL NR-9

**Air Quality.** Air Quality in the City and the Simi Valley environs is improved.

- NR-9.1 Regional Cooperation.** Ensure that air quality standards are consistent with the Countywide recommendations of the Ventura County Air Pollution Control District, which are intended to reduce air quality impacts. In addition, cooperate with the Southern California Association of Government’s efforts to implement provisions of the region’s Air Quality Management Plan. *(Imp A-1, A-2, LU-2, LU-18, NR-2, NR-13)*
- NR-9.2 Truck Deliveries.** Encourage local businesses to alter truck delivery schedules for off-peak delivery times. *(Imp A-1, A-2, LU-1, LU-2, LU-18, NR-2, NR-5)*
- NR-9.3 Improved Technology.** Promote and implement state and federal regulations that improve transportation technology, vehicle mileage performance, and cleaner fuels. *(Imp A-1, A-2, LU-7, LU-18, IU-10, NR-4, NR-6)*
- NR-9.4 Contractors.** Require that government contractors minimize greenhouse gas emissions in building construction, operations, etc. For example, contractors can use low or zero-emission vehicles and equipment. *(Imp A-1, A-2, LU-7, LU-18, NR-4, NR-7)*
- NR-9.5 Dust and Particulate Control.** Adopt procedures to regulate and minimize particulate emissions from paved and unpaved roads, parking lots, and building construction activities. *(Imp A-1, A-2, LU-2, LU-18, NR-2)*

**NATURAL RESOURCES (NR)**

**NR-9.6 Construction and Operation.** Evaluate development project applications, including for particulate matter, by using the procedures and thresholds established in the most recent version of the Ventura County Air Quality Assessment Guidelines as published by the Ventura County Air Pollution Control District, and ensure that projects incorporate all applicable construction and operation mitigation measures contained therein. *(Imp A-1, A-2, LU-2, LU-18, NR-2, NR-13)*

**Implementation Program**

Each General Plan policy is correlated with one or more implementation measure. The Natural Resource Implementation Program, presented in Table NR-1 (Natural Resource Implementation Program), describes the measures or actions to be taken by the City to carry out the goals and policies defined in this section.

<b>Table NR-1 Natural Resource Implementation Program</b>		<b>2011</b>	<b>2012-2015</b>	<b>2016-2035</b>	<b>Annual</b>	<b>Ongoing</b>
<p><b>NR-1 Open Space Preservation.</b> The City shall continue to protect, conserve, and maintain the open space, hillside, and canyon areas that provide a buffer zone around the City’s urban form, serve as designated habitat for sensitive species, and provide recreation opportunities by establishing partnerships with other land management agencies. The City shall maintain the Tierra Rejada Greenbelt and support the County’s efforts to reduce development capacity in Greenbelt areas. In addition, the City shall maximize protection of open space through the following: amend the Development Code to provide effective open space preservation; require mitigation for the loss of habitat areas; require development agreements that maintain open space in private developments; establish and acquire conservation easements; accept donations for open space protection; and conserve undeveloped open space and drainage channels for the purpose of protecting water resources in the City’s watershed.</p>						●
Implements Which Policy(ies)	LU-3.1~LU-3.3, LU-4.1~LU-4.4, LU-4.6, LU-6.1, LU-7.1, LU-11.1, LU-21.8, LU-22.1, NR-1.1, NR-1.3~NR-1.7, NR-1.11, NR-3.1, NR-5.2, NR-5.5, PR-1.5					
<p><b>NR-2 Environmental Review.</b> The City shall continue to ensure that all development proposals are reviewed per the requirements of California Environmental Quality Act (CEQA) to ensure that mature trees are preserved; appropriate wildlife crossings are installed; sensitive biological or wetland resources adversely affected by new development are appropriately evaluated, mitigated, and restored; trails impacting sensitive habitats are relocated, when necessary; visual resources are preserved; water resources within the City’s watershed are protected; truck deliveries are scheduled for off-peak times; air quality thresholds are updated and potential impacts are analyzed; and particulate emissions are regulated and minimized.</p>						●
Implements Which Policy(ies)	LU-1.5, LU-1.8, LU-3.1, LU-3.2, LU-4.1~LU-4.8, LU-5.1, LU-5.7~LU-5.9, LU-6.1~LU-6.4, LU-7.1, LU-8.4, LU-9.1, LU-9.2, LU-11.1, LU-16.1~LU-16.3, LU-17.6, LU-18.3, LU-21.10, LU-23.4, LU-32.1, NR-1.7, NR-1.9, NR-2.5~NR-2.7, NR-3.1, NR-7.1, NR-8.3, NR-9.1, NR-9.2, NR-9.5, NR-9.6, PR-1.5, PR-1.6, PR-3.8					

**Table NR-1 Natural Resource Implementation Program**

		2011	2012-2015	2016-2035	Annual	Ongoing
<p><b>NR-3 Hillside Performance Standards (HPS).</b> The City shall continue to regulate development per the HPS in open space areas to regulate grading and alteration of land, maintain the natural topographic character of the land, allow for density transfer to increase open space areas, and require replanting of graded slopes and restoration of degraded areas.</p>						●
Implements Which Policy(ies)	LU-3.1, LU-3.2, LU-4.1~LU-4.10, LU-6.1, LU-11.1, LU-11.3~LU-11.5, LU-21.11, NR-1.2, NR-1.9, NR-3.5					
<p><b>NR-4 Simi Valley Municipal Code.</b> The City shall review and update the Development Code to establish requirements for new development proposals, as follows: provide effective preservation of open space areas, habitat movement corridors, and wildlife crossings; require that drought-tolerant landscaping be installed for all private and City landscaping and parkways; establish requirements for irrigation timing; limit the percentage of impermeable surface for development projects; require cleaning of parking lots and streets in a manner that minimizes noise and water consumption; require that all new buildings be constructed to allow for future installation of solar energy systems; require that development projects of five or more housing units participate in the California Energy Commission's new solar homes partnership; require that government contractors minimize greenhouse gas emissions in building construction and operations; and regulate and minimize particulate emissions from roads, parking lots, and building construction activities.</p>		●				
Implements Which Policy(ies)	NR-1.5, NR-1.7, NR-1.8, NR-2.1, NR-2.4, NR-2.5, NR-4.3, NR-4.5, NR-4.6, NR-5.1, NR-5.4, NR-7.4, NR-8.4, NR-9.3, NR-9.4					
<p><b>NR-5 Development Review Process.</b> The City shall continue to regulate development for compliance with General Plan goals, policies, land uses, and development standards through the Development Review Process to ensure the following: avoid isolating areas of wildlife habitat from larger habitat areas in open space areas; provide public trails, recreation areas, and viewing areas near significant visual resources, where appropriate; and require development within visually sensitive areas to minimize impacts to scenic resources.</p>						●
Implements Which Policy(ies)	NR-1.7~NR-1.9, NR-2.1, NR-2.2, NR-2.5~NR-2.8, NR-3.2, NR-3.3, NR-9.2					
<p><b>NR-6 Energy Conservation and Green Building Education Programs.</b> The City shall continue to promote energy conservation measures and green building practices through various measures and programs, including newsletters, brochures, classes, and the City's website. The City shall promote and implement federal and state regulations that improve transportation technology, vehicle mileage performance, and cleaner fuels. In addition, the City shall develop an annual energy conservation award program for new sustainable development in the community.</p>						●
Implements Which Policy(ies)	IU-6.3~IU-6.8, NR-7.2, NR-7.3, NR-8.2, NR-9.3					

Table NR-1 Natural Resource Implementation Program		2011	2012-2015	2016-2035	Annual	Ongoing
<p><b>NR-7 Green Building Program.</b> The City shall continue to promote sustainable building practices for the retrofitting of existing structures and municipal structures to be built to a green energy standard, such as LEED; to educate residents and businesses regarding green building practices; to reduce the “heat island” effect of developed areas by promoting white roofs, light colored paving materials, and shade trees and by reducing the extent of unshaded areas in parking lots; and to require contractors to minimize greenhouse gas (GHG) emissions in building construction and operations.</p>		●				
Implements Which Policy(ies)	NR-8.1~NR-8.3, NR-9.4, PR-3.8					
<p><b>NR-8 Arroyo Simi Greenway Plan.</b> The City shall enhance and conserve the Arroyo Simi as a natural resource for (1) scenic and passive enjoyment by the community by adopting and implementing the Arroyo Simi Greenway Plan and (2) recharge and filtration capability of the community’s watershed.</p>		●				
Implements Which Policy(ies)	NR-1.11, NR-5.5, PR-1.14					
<p><b>NR-9 Water Conservation Program.</b> The City shall develop and implement a Water Conservation Program, establishing water conservation goals for the next 20-year period; identifying water conservation measures that reduce water use, such as water-efficient landscaping and irrigation, efficient appliances and fixtures, and the use of “gray water” for irrigation; and establishing auditing methods to evaluate the success of the programs. The Program will include programs to educate the public, publicize regulations, and provide information regarding incentives. The City shall seek additional financial assistance for water conservation efforts.</p>						●
Implements Which Policy(ies)	NR-4.1~NR-4.3, NR-4.8, NR-4.9, NR-8.2					
<p><b>NR-10 National Pollutant Discharge Elimination System (NPDES) Permit.</b> The City shall control sources of pollutants and improve and maintain urban runoff water quality through stormwater protection measures consistent with the City’s National Pollutant Discharge Elimination System (NPDES) Permit; limit the percentage of impermeable surfaces for new or renovated development proposals; implement watershed awareness and water quality education programs for the public, including requirements to limit the amount of fats, oils, pesticides, and toxic chemicals entering the sewer system; implement fines for dumping hazardous materials into the City’s water, sewer, and storm drain systems; and require that parking lots and public and private streets and alleys be cleaned as frequently as necessary to reduce pollutants.</p>		●				
Implements Which Policy(ies)	NR-5.1~NR-5.4, NR-6.2, NR-6.4					

Table NR-1 Natural Resource Implementation Program		2011	2012-2015	2016-2035	Annual	Ongoing
<p><b>NR-11 Climate Action Plan (CAP).</b> The City shall prepare a CAP to reduce or encourage reductions in greenhouse gas (GHG) emissions from all sectors within the City. The CAP will establish a baseline inventory of GHG emissions and measures to reduce GHG emissions, which will comply with statewide GHG reduction goals as established by AB32 and any subsequent targets. The CAP will be monitored to review progress towards meeting the emission reduction target and revised as appropriate.</p>		●				
Implements Which Policy(ies)	NR-7.1, NR-7.3, NR-7.4, NR-8.2					
<p><b>NR-12 Capital Improvement Program (CIP).</b> The City shall continue to prepare and adopt a CIP to eliminate deficiencies in public infrastructure, including the following: continue to upgrade the City’s water infrastructure to minimize water leakage and ensure adequate water supply, adopt state-of-the-art water monitoring systems to remotely monitor the City’s water usage, leaks, and ruptures; prepare and maintain a Sewer System Management Plan to identify infrastructure needs, address emergency spill response and preventive maintenance, and include pollution mitigation measures; and continue to inspect, upgrade, and improve the City’s sewer infrastructure to minimize deficiencies and reduce leaks and contamination.</p>					●	
Implements Which Policy(ies)	NR-4.7, NR-4.8, NR-6.1, NR-6.3					
<p><b>NR-13 Interagency Coordination and Partnership.</b> The City shall coordinate with appropriate agencies, such as Santa Monica Mountains Conservancy, Mountains Recreation Conservation Authority, Rancho Simi Recreation and Park District, California State Parks, National Park Service, U.S. Forest Service, adjoining cities, County of Ventura, Simi Valley Unified School District, and the Ventura County Air Pollution Control District regarding issues addressing open space preservation, restoration of the landfill area, restoration of riparian communities and vegetative cover at passageways, wetland and sensitive habitat mitigation, designated scenic resources and corridors, water conservation, and efforts to improve air quality and reduce greenhouse gas emissions.</p>						●
Implements Which Policy(ies)	NR-1.3, NR-1.4, NR-1.10, NR-2.3, NR-2.8, NR-3.4, NR-4.4, NR-9.1, NR-9.6					