

federal programs concerning endangered species conservation issues.

31. Under the provisions of the California Environmental Quality Act (CEQA), the County, as lead agency, will solicit comments from the California Department of Fish and Game and the U.S. Fish and Wildlife Service when an environmental document (Negative Declaration, Mitigated Negative Declaration, or Environmental Impact Report) is prepared.
32. Riparian areas will be managed in accordance with United States Army Corps of Engineers, and the California Department of Fish and Game rules and regulations to enhance the drainage, flood control, biological, recreational, and other beneficial uses while acknowledging existing land use patterns.

Implementation Measures

- Q. Discretionary projects shall consider effects to biological resources as required by the California Environmental Quality Act.
- R. Consult and consider the comments from responsible and trustee wildlife agencies when reviewing a discretionary project subject to the California Environmental Quality Act.
- S. Pursue the development and implementation of conservation programs with State and federal wildlife agencies for property owners desiring streamlined endangered species mitigation programs.

1.10.6 Surface Water and Groundwater

Policy

33. Water related infrastructure shall be provided in an efficient and cost effective manner.
34. Ensure that water quality standards are met for existing users and future development.
35. Ensure that adequate water storage, treatment, and transmission facilities are constructed concurrently with planned growth.
36. Ensure that appropriate funding mechanisms for water are in place to fund the needed improvements resulting from growth and subsequent development.
37. Ensure maintenance and repair of existing water systems.

38. Encourage utilization of wastewater treatment facilities which provide for the reuse of wastewater.
39. Encourage the development of the County's groundwater supply to sustain and ensure water quality and quantity for existing users, planned growth, and maintenance of the natural environment.
40. Encourage utilization of community water systems rather than the reliance on individual wells.
41. Review development proposals to ensure adequate water is available to accommodate projected growth.
42. Encourage water supply purveyors to prepare master water plans for those areas of the County approaching existing design thresholds, including documentation of areas in need of system maintenance and repair.
43. Drainage shall conform to the Kern County Development Standards and the Grading Ordinance.
44. Discretionary projects shall analyze watershed impacts and mitigate for construction-related and urban pollutants, as well as alterations of flow patterns and introduction of impervious surfaces as required by the California Environmental Quality Act (CEQA), to prevent the degradation of the watershed to the extent practical.
45. New high consumptive water uses, such as lakes and golf courses, should require evidence of additional verified sources of water other than local groundwater. Other sources may include recycled stormwater or wastewater.
46. In accordance with the Kern County Development Standards tank-truck hauling of domestic water for land developments or lots within new land developments is not permitted.

Implementation Measures

- T. The Kern County Environmental Health Services Department will develop guidelines which will establish criteria for development of proposed new water systems when an existing water system, within a reasonable distance, is able to supply water.
- U. The Kern County Environmental Health Services Department will develop guidelines for the protection of groundwater quality which will include comprehensive well construction standards and the promotion of groundwater protection for identified degraded watersheds.

V. Water and sewer purveying agencies should develop long-term sewer and water master plans in areas where these services are lacking or deficient and in areas where urban development exists or is designated.

W. Applications for General or Specific Plan Amendments will include sufficient data for review to facilitate desirable new development proposals consistent with General Plan policies, using the following criteria and guidelines:

- i. The provision of adequate water, sewer, and other public services to be used.
- ii. The provision of adequate on-site nonpublic water supply and sewage disposal if no public systems are available or used.

X. Encourage effective groundwater resource management for the long-term benefit of the County through the following:

- i. Promote groundwater recharge activities in various zone districts.
- ii. Support for the development of Urban Water Management Plans and promote Department of Water Resources grant funding for all water providers.
- iii. Support the development of Groundwater Management Plans.
- iv. Support the development of future sources of additional surface water and groundwater, including conjunctive use, recycled water, conservation, additional storage of surface water, and groundwater and desalination.

Y. Promote efficient water use by utilizing measures such as:

- i. Requiring water-conserving design and equipment in new construction.
- ii. Encouraging water-conserving landscaping and irrigation methods.
- iii. Encouraging the retrofitting of existing development with water conserving devices.



Z. General Plan Amendments subject to environmental review and not otherwise subject to California Water Code Section 10910 shall demonstrate through a water supply assessment that a long-term water supply for a 20-year timeframe is available. The water assessment shall include, but not limited to, the following:

- i. Source and quantity of historical water use on the site.

- ii. Estimated water consumption of the proposed development.
- iii. Estimated storage, if any, in meeting the projected need.
- iv. Recommendations for additional sources of water to address demand shortage. Such measures may include, but not limited to, development of future sources of additional surface water and groundwater, including water transfers, conjunctive use, recycled water, conservation, and additional storage of surface water, groundwater, and desalination.

Written acknowledgement that water will be provided by a community or public water system with an adopted Urban Water Management Plan shall constitute compliance with this requirement.

1.10.7 Light and Glare

Policy

- 47. Ensure that light and glare from discretionary new development projects are minimized in rural as well as urban areas.
- 48. Encourage the use of low-glare lighting to minimize nighttime glare effects on neighboring properties.

Implementation

- AA. The County shall utilize CEQA Guidelines and the provisions of the Zoning Ordinance to minimize the impacts of light and glare on adjacent properties and in rural undeveloped areas.

1.10.8 Smart Growth

Policy

- 49. Discretionary development projects should be encouraged to incorporate innovative or "smart growth" land use planning techniques as design features, as follows:
 - a. Higher density development, where compatible, to maximize the efficient use of land.
 - b. Mixed use developments that promote reduced vehicle trips by having