

Suggested General Plan Water Goals, Policies and Implementation Programs

From Draft Calaveras County Water Element January 2009,
incorporating suggested changes from Foothill Conservancy

DRAFT GOAL 1: Water Resource Protection and Reliability. To ensure a sustainable, reliable water supply sufficient to meet the existing and future needs of the county.

DRAFT Policies for Goal 1

Water Availability and Reliability

1.1. Water Supply Development. The County shall support the development of new reliable future sources of supply sufficient to meet the projected demand in the Amador County and cities' general plans, including, but not limited to, implementation of conservation and efficiency requirements and programs, wastewater recycling and reuse, conjunctive use of surface water and groundwater, and offstream surface storage.

1.2. Water Supply Development Priorities: The County shall support water supply projects that have the least environmental and recreational impacts and lowest costs before supporting projects with higher environmental and recreational impacts and costs.

1.3. Integrated Management. The County shall support the integrated management of surface and groundwater, wastewater, stormwater treatment and use, and the development of reclaimed water.

1.4. Groundwater Management. The County shall support the development of groundwater management plans by water resource agencies, water users, and other affected parties to ensure a sustainable, adequate, safe, ecologically sound, and economically viable groundwater supply for existing and future uses within the county. Any such plans will detail the hydrological connections between groundwater and surface streams.

1.5. Groundwater Demand Reduction. To reduce demand on the county groundwater resources, the County shall encourage the use of alternate sources of water supply (e.g., surface water, and recycled water) to the maximum extent feasible.

1.6. Sufficient Water Supply for New Residential Development. The County shall not allow residential development to exceed the capacity of available water supplies. . To do this, the County shall enforce Government Code Section 66473.7. Where this code is not applicable, the County shall impose conditions similar to Government Code Section 66473 or develop provisions for water-neutral development, working with the Amador Water Agency.

1.7. Sufficient Water Supply for New Non-Residential Development. The County shall not allow nonresidential development to exceed the capacity of available water supplies.. To do this, the County shall enforce conditions similar to Government Code

section 66473.7 or develop provisions for water-neutral development, working with the Amador Water Agency.

1.8. Water Rights Protection. The County shall support public agencies and private entities within Amador County in their efforts to protect their water rights and water supply contracts.

1.9. Agricultural Water Supply. The County shall encourage water/wastewater agencies to explore opportunities for supplying agriculture with raw surface water and/or recycled water.

Infrastructure

1.10. Adequate Facilities and Services. The County shall ensure through the development review process that public water facilities and services will be adequate and operational to serve new development and meet capacity needs. Such needs shall include capacities necessary to comply with public safety such as fire protection as provided in Policy 1.9.

1.11. Fire Protection Standards for New Development. Prior to the approval of any new development projects, the County, in coordination with the local water service agency, the wildfire protection agency(ies), and the local structural fire protection agencies, shall ensure availability of adequate fire flows and compliance with fire protection standards, with the protection of human life and property as the primary objectives.

1.12. Funding for Public Facilities. The County shall support water/wastewater agencies use of all appropriate and equitable financing methods (e.g., grant funding, assessment districts, and development fees) to finance public facility design, construction, operation, and maintenance.

1.13. Development Impacts to Existing Infrastructure and Its Users. The County shall ensure that any new development projects do not create significant adverse impacts on existing water and wastewater infrastructure or the services that infrastructure provides to existing users.

1.14. Level of Service. The County shall encourage water/wastewater agencies to preserve, improve, and replace infrastructure as necessary to maintain adequate levels of water/wastewater service.

1.15. New Community Water Systems. The County shall require any new community water system serving residential, industrial, or commercial development to be owned and operated by a public or private entity that can demonstrate to the County adequate financial, managerial, and operational resources.

Interagency Coordination

1.16. Interagency Coordination. The County shall direct its departments to cooperate with and provide regular communication, data and technical assistance to public and private water suppliers and nonprofit organizations in order to help address existing and future water needs for the county.

1.17. Joint Water Projects. The County shall promote development of mutually beneficial joint water projects and other efforts to expand water supply within the county to the level required to serve the development anticipated in this general plan and the general plans of the county's five cities.

DRAFT Implementation Programs for Goal 1

The County shall work with water agencies, groundwater basin managers, and landowners to conduct a comprehensive mapping study of the county's fractured rock aquifers using the latest technology, including computerized tomography and isotope studies. The studies will be designed to map the extent, location, and interconnections of fractures in the rock and the age and flow of water in the fractured rock aquifers.

Other participants: California State University, Fresno or similar experts

Implementation Program #1: The County shall work with water agencies, groundwater basin managers, and willing landowners to improve groundwater monitoring including quality, yields, and groundwater elevations. Actions will include identifying monitoring sites, installing monitoring wells, identifying gaps in the monitoring network, establishing monitoring protocols, or developing a groundwater budget.

Implements What Policy: 1.3

What County Department is Responsible? Planning Department

Other Participants: Water agencies, landowners

Timeframe: 2010-2015, ongoing

Implementation Program #2: The County shall work with the Amador Water Agency to prepare an update to the most recent Urban Water Management Plan. This update will use the latest available science and data and include a water supply availability analysis (i.e., an identification and analysis of water rights, water availability, water reliability, water usability, water supplies from reclamation and recycling, and water conveyance systems, including what water may have already been contracted out of the county) and a water demand analysis (i.e., identifying existing users, undeveloped lots, projected residential, commercial, industrial, agricultural, and environmental uses; and demand management through conservation).

Implements What Policy: 1.2, 1.15, 8.1, 8.2, 8.4

What County Department is Responsible? Planning Department

Other Participants: Water and wastewater agencies, agricultural interests

Timeframe: 2010-2015, ongoing

Implementation Program #3: The County shall develop and provide to water/wastewater agencies lists of pending proposed development projects.

Implements What Policy: 1.15, 5.6, 8.1, 8.5

What County Department is Responsible? Planning Department

Other Participants: Water and wastewater agencies

Timeframe: Ongoing

Implementation Program #4: The County shall work with water agencies and fire protection authorities to conduct a county-wide study of fire-flow requirements as they relate to compliance with fire protection standards.

Implements What Policy: 1.10, 1.9

What County Department is Responsible? Building Department, Fire Departments, Office of Emergency Services

Other Participants: Water agencies, fire protection districts and other local agencies

Timeframe: Ongoing

Implementation Program #5: The County, in coordination with water agencies, will develop a method to demonstrate a sufficient water supply for all new development projects not subject to Government Code Section 66473.7.

Implements What Policy: 1.5, 1.6, 1.9, 5.1, 8.1

What County Department is Responsible? Planning Department

Other Participants: Water agencies

Timeframe: 2010-2015

Implementation Program #6: The County shall work with water/wastewater agencies and the agricultural community to conduct a county-wide study of the feasibility of supplying agriculture with raw surface water and/or recycled water.

Implements What Policy: 1.8, 1.1, 2.2

What County Department is Responsible? Planning Department

Other Participants: Water and wastewater agencies, agricultural interests

Timeframe: 2015-2020

Golf course irrigation. The County will work with water/wastewater agencies and golf course owners to develop programs to ensure that all existing and new golf courses are irrigated only with recycled or reclaimed water.

Implementation Program #7: When setting timeframes for the completion of conditions of approval for discretionary developments, the County shall consider adopting an ordinance to set the time for payment of any fees imposed for water or wastewater infrastructure and capacity, as early as feasible, so that these fees can be promptly received and spent by the relevant jurisdictions, and the capacity and infrastructure can be in place when it is needed by the development.

Implements What Policy: 1.11, 8.3

What County Department is Responsible? Planning Department, Board of Supervisors

Other Participants: Water and wastewater agencies

Timeframe: 2010-2015, ongoing

Support efforts to designate 37 miles of the North Fork and main Mokelumne River a National Wild and Scenic River.

DRAFT GOAL 2: Water Use Efficiency. To maximize the efficient use and reuse of water supplies through water conservation programs, water recycling programs and other means to ensure reliable, sustainable, and affordable water supplies.

DRAFT Policies for Goal 2

2.1. Water Conservation. The County, in coordination with water agencies, shall require the use of water conservation measures appropriate for existing and future needs that comply with state and federal law and the adopted recommendations of the California Urban Water Conservation Council.

2.2. Recycled Water Use. The County shall require new development, redevelopment, golf course, and landscape and agricultural irrigators to use recycled water wherever practical and available; this includes striving for the highest possible quality of wastewater treatment to increase the potential use of recycled water for existing and future needs of the county.

2.3. Conjunctive Use. The County shall support conjunctive use of groundwater and surface water by water agencies to improve water supply reliability.

2.4. Drought Planning and Emergency Services Planning. The County shall encourage all public and private water agencies to develop and maintain drought contingency and emergency services plans, mutual aid agreements and related measures to ensure adequate water services during prolonged drought.

2.5. Educational Programs. The County shall support the development of educational programs by water agencies and public agencies to increase public awareness of efficiently using and managing water resources, including but not limited to, conservation and reuse practices.

2.6. Compact Development. The County shall support and encourage compact forms of development to reduce water demands, reduce landscaped areas per capita, and reduce the costs of water and wastewater infrastructure.

2.7. Water Neutral Development. The County shall collaborate on the development of water-neutral development provisions for residential, commercial and industrial projects to optimize use the county's existing water supplies.

2.8. Sustainable Water Practices. The County shall encourage the use of sustainable, affordable water management practices that meet state and local standards, such as grey water reuse, rain water capture/harvest, watershed management, and stormwater infiltration to reduce demands on potable supply.

2.9. Sustainable Landscaping: The County shall require commercial and industrial development and subdivisions requiring a subdivision map to employ xeriscaping and native plant landscaping to minimize water use.

DRAFT Implementation Programs for Goal 2

Implementation Program #8: The County shall work with water agencies to conduct a county-wide water conservation study to develop a county-wide water conservation and efficiency program for new and existing development.

What County Department is Responsible? Planning Department

Other Participants: Water and wastewater agencies, NGOs, developers, public interests

Timeframe: 2015-2020

DRAFT GOAL 3: Climate Change Adaptation and Mitigation. To ensure that the County proactively develops policies and programs, and makes decisions that address the future challenges posed by climate change including prolonged drought, flooding, and water quality/aquatic resources impacts.

DRAFT Policies for Goal 3

3.1. Climate Change. The County shall adopt policies and programs, and support efforts by local agencies to mitigate greenhouse gas emissions resulting from energy consumption related to water use to comply with state and federal law.

3.2. Climate Change Adaptation. The County shall support efforts by local, regional, state, and federal agencies and others to develop policies and manage programs that allow the County to adapt to climate change effects such as prolonged drought, flooding, wildfires, and other events.

3.3. Revenue Generation. The County shall encourage water and wastewater agencies to investigate opportunities for revenue generation from green technologies, greenhouse gas mitigation strategies, run-of-stream small-scale hydroelectric plants that do not require impoundments, and other climate change mitigation strategies.

3.4. Working landscape management. The County shall encourage forest, woodland and grassland management practices that maximize carbon sequestration and minimize greenhouse gas emissions from soil, equipment, and harvest techniques.

DRAFT Implementation Programs for Goal 3

Implementation Program #9: The County shall work with water agencies to conduct a county-wide study to determine the feasibility to generate clean energy through small-scale, run-of-stream hydroelectric plants that do not require impoundments.

Implements What Policy: 3.3

What County Department is Responsible? Planning Department

Other Participants: Water agencies and NGOs

Timeframe: 2015-2020

DRAFT GOAL 4: Water Quality. To protect and enhance the quality of surface water and groundwater to meet the needs of all existing and future beneficial uses.

DRAFT Policies for Goal 4

4.1. Water Quality Treatment Technology. The County shall encourage the use of up-to-date water management strategies, biological remediation, and best available technology to address naturally occurring water quality problems.

4.2. Regulatory Standards. The County shall support water and wastewater agencies' efforts to meet applicable safe drinking water standards in accordance with regulatory agencies.

4.3. Best Management Practices. The County shall require the use of best management practices (BMPs) to protect surface water and groundwater from the adverse effects of logging, construction activities, post-construction runoff, and industrial practices, including stormwater runoff.

4.4. Wildfire Risk Reduction. The County shall, in cooperation with wildfire management agencies (e.g., Cal Fire and the United States Forest Service) develop a variety of land use planning, site design, and vegetation management techniques to reduce the risk of wildfires. This risk reduction shall also include post-fire erosion, sedimentation, and water quality conditions.

4.5. Wildfire Risk Reduction, Land Use. The County shall not allow the development of rural watershed lands in high and very high-fire risk areas.

4.6. Wildfire Risk Reduction, Forest Management. The County shall discourage the conversion of diverse forest ecosystems to highly flammable conifer plantations.

4.7. Interagency Cooperation. The County shall encourage cooperation among water and wastewater agencies and NGOs in protecting surface water and groundwater resources for the long-term benefit of existing and future water needs of the county and its ecosystems.

4.8. Public Education for Irrigation Practices. The County shall work with local agencies and non-governmental organizations to provide educational and technical assistance programs to encourage practices that minimize water pollution and improve water quality.

4.9. Mine Water Pollution Reduction. The County shall work with state, federal, and local resource managers and regulators to reduce environmental impacts, particularly related to water pollution and groundwater quality, from abandoned and active mines and mineral extraction areas of all types.

DRAFT Implementation Programs for Goal 4

Implementation Program #10: The County shall conduct a workshop among state, local agencies, landowners, non-governmental organizations, and developers to identify methods that minimize impacts to water quality and natural environment.

Implements What Policy: 4.1, 4.2, 4.3, 4.4, 4.5, 4.6, 5.7, 9.1

What County Department is Responsible? Planning Department

Other Participants: Water and wastewater agencies, other local agencies, environmental interests, NGOs, landowners, developers

Timeframe: 2010-2015

Implementation Program #11: The County shall complete development of its Local Agency Ground Water Protection Program that will identify known or potential groundwater impacts from on-site septic systems.

Implements What Policy: 4.5, 1.3, 5.4, 8.5

What County Department is Responsible? Environmental Health Department, Geographic Information Systems (Technology Services Department)

Other Participants: Water and wastewater agencies

Timeframe: Ongoing

Develop program to seek changes to the state's Forest Practices Act to ban clearcutting and conversion of large areas of uneven-age forests to conifer plantations.

Fully implement and apply the WARMF model developed for the Mokelumne watershed and expand the modeling and application to the remaining watersheds in Amador County.

Fractured rock aquifer study. See groundwater in previous section.

DRAFT GOAL 5: Wastewater Management Goal. To ensure infrastructure is available and able to sustainably collect, treat, store, reuse, and safely dispose of wastewater for existing and future needs of the county.

DRAFT Policies for Goal 5

- 5.1. Adequate Facilities and Services.** The County shall ensure through the development review process that wastewater facilities and services will be adequate and operational to serve new development and meet capacity needs.
- 5.2. Sewer Service Approval.** The County shall not approve any new subdivision with more than 5 residential units or equivalent commercial/industrial development without an approved sewer system.
- 5.3. Alternative Wastewater System Approval.** The County shall not approve new subdivisions of more than 5 residential units or equivalent commercial/industrial development unless it can be demonstrated to the County that adequate service will be provided from a fully-funded alternative wastewater system operated by a state-licensed operator, or an approved sewer system.
- 5.4. Individual On-Site Wastewater Treatment System Permitting.** The County may permit adequately designed individual on-site wastewater treatment systems (OWTS) for new single-family residential units or 4-way splits (or less), where an approved alternative wastewater system or sewer system is not available.
- 5.5. Responsible Use and Disposal of Water.** The County shall encourage the development of waste disposal systems that minimize water and ground pollution.
- 5.6. Interagency Coordination.** The County shall direct appropriate County departments to cooperate with and provide regular communication and technical assistance to wastewater agencies in order to meet existing and future needs within the county.
- 5.7. Educational Programs.** The County shall encourage development of educational programs by wastewater agencies and public agencies to increase public awareness of wastewater collection, treatment, and disposal.
- 5.8. Septic System Failures.** The County shall encourage the installation of public wastewater treatment facilities in existing communities that are experiencing significant septic system failures and/or are posing a potential threat to county water resources or the public.
- 5.9. Wastewater Reuse and Recycling.** The County shall require reuse of treated wastewater wherever feasible in commercial, industrial, recreational, and residential development.

DRAFT Implementation Programs for Goal 5

Implementation Program #12: The County shall conduct a study to evaluate alternatives for rural wastewater systems. Alternatives that could be evaluated include

elevated leach fields, sand filtration systems, evapotranspiration beds, osmosis units and holding tanks. For larger generators or groups of users, alternative systems could include communal septic tank/leach field systems, package treatment plants, lagoon systems, and land treatment.

Implements What Policy: 5.2, 5.3, 5.4, 5.8, 5.10

What County Department is Responsible? Planning Department

Other Participants: Wastewater agencies, landowners

Timeframe: 2010-2015

Implementation Program #13: The County shall conduct a study to investigate the feasibility of adding infrastructure to wastewater treatment plants for septage receiving and treatment.

Implements What Policy: 5.3, 5.4, 5.5, 5.8

What County Department is Responsible? Environmental Health Department

Other Participants: Wastewater agencies

Timeframe: 2010-2015

Need wastewater reuse and recycling program or cross-reference to conservation program.

DRAFT GOAL 6: Watershed Management. To enhance and protect watersheds, including, but not limited to forests, grasslands, oak woodlands, open spaces, soils, water bodies, recreation areas, habitat, vegetation, groundwater recharge areas, and developed areas, through responsible water and land use management.

DRAFT Policies for Goal 6

- 6.1. Public Education.** The County, in cooperation with local agencies, non-governmental organizations, and landowners, shall support efforts to educate the public on the importance of watershed management.
- 6.2. Interagency Cooperation and Coordination.** The County shall cooperate and coordinate with other local watershed management programs.
- 6.3. Funding.** The County shall support efforts to obtain grant funding for locally sponsored watershed programs, planning efforts, and projects that enhance and protect the watersheds of the county.
- 6.4. Groundwater Recharge Area Protection.** The County shall require new development projects to adequately protect groundwater recharge areas.
- 6.5. Watershed Protection.** The County shall require new development projects to minimize impacts on wetlands, lakes, reservoirs, and streams, recreation areas, agriculture, and wildlife habitat areas.
- 6.6. Water Recreation Area Protection.** Wherever feasible, the County shall work with landowners, agencies, and resource managers to maintain and/or improve public access for recreational uses along waterways.
- 6.7. Instream Flow Management.** The County shall actively support instream flow standards that comply with the Public Trust Doctrine by protecting aquatic habitat and fisheries and providing recreation opportunities while balancing water supply needs and protecting water rights within the county.
- 6.8. Road Construction Erosion Management.** The County shall require new development projects to use landform and contour grading and related techniques to minimize erosion and sedimentation potential and reduce water quality impacts when planning, designing, grading and constructing County roads and roads that will serve the development.
- 6.9. Building Setback Lines.** The County shall establish and enforce minimum building setback lines from (perennial) streams and (significant) wetlands that are adequate to protect resource values through environmental review and application of comprehensive development standards.

DRAFT Implementation Programs for Goal 6

Implementation Program #14: The County shall identify, inventory, and map natural groundwater recharge areas to help land use planners locate development.

Implements What Policy: 6.4, 1.3

What County Department is Responsible? Planning Department, Geographic Information System

Other Participants: Water agencies, other local agencies, landowners

Timeframe: 2010-2015, ongoing

Implementation Program #15: The County shall study and adopt standards for the protection of groundwater recharge areas, such as placing limitations on the amount of impervious surfaces, or other planning and zoning techniques.

Implements What Policy: 6.4

What County Department is Responsible? Planning Department, Board of Supervisors

Other Participants: Water agencies, landowners

Timeframe: 2015-2020

Implementation Program #16: The County shall review and revise/update its grading and erosion control ordinance and its rural road standards to implement the water quality, stormwater, and watershed policies.

Implements What Policy: 6.5, 6.8

What County Department is Responsible? Building Department, Public Works Department, Board of Supervisors

Other Participants: Local agencies

Timeframe: 2015-2020

DRAFT GOAL 7: Stormwater and Flood Management. To manage stormwater from existing and future development in a cost-effective manner through methods that maintain natural water quality, enhance percolation for groundwater recharge, reduce potential flooding, support natural wetlands and provide opportunities for reuse.

DRAFT Policies for Goal 7

7.1. Public Education. The County shall develop educational material and programs on the importance of stormwater and flood management.

7.2. Interagency Cooperation and Collaboration. The County shall work with the Central Valley Regional Water Quality Control Board and local, state, and federal flood control and water resources management agencies to adopt effective stormwater management measures.

7.3. Best Management Practices. The County shall require best management practices (e.g., low impact development) in new development and redevelopment to reduce pollutants from entering natural water bodies while allowing stormwater reuse.

7.4. Maintenance of Stormwater Runoff Systems. The County shall maintain its existing stormwater runoff systems, to assure that these systems do not fall into a state of disrepair such that they are causing water quality degradation inconsistent with their original design function.

7.5. Runoff Quality. The County shall require all drainage systems in new development and redevelopment to comply with applicable state and federal non-point source pollutant discharge requirements.

7.6. Natural Drainage Systems. The County shall require the use of natural stormwater drainage systems to preserve and enhance the environment.

7.7. Agricultural Runoff. The County shall work with local partners to provide educational and technical assistance to farmers to reduce sedimentation, provide on-site retention of irrigation water and flow attenuation, as well as detention of stormwater flows.

7.8. Flood Zone Compliance. The County shall not approve new non-agricultural parcel maps or subdivision maps within 100-year flood zones as mapped by Federal Emergency Management Agency (FEMA) s.

DRAFT Implementation Programs for Goal 7

Implementation Program #17: The County shall review and, if necessary, revise grading and stormwater and flood management ordinances to fully protect downstream waters.

Implements What Policy: 7.3, 7.4, 7.5, 7.6, 7.8

What County Department is Responsible? Planning Department, Board of Supervisors

Other Participants: Central Valley Regional Water Quality Control Board, local/state/federal flood control and water resources management agencies

Timeframe: 2010-2015

Implementation Program #18: The County shall develop and adopt revised and updated standards and best management practices for new development projects as part of its Non-Point Discharge Elimination System (NPDES) general construction permit (assuming that is right for the County?), that encourage alternative storm water management systems, natural drainage systems and low impact development approaches to managing stormwater that improve water quality

Implements What Policy: 7.3, 7.4, 7.5, 4.3

What County Department is Responsible? Planning Department, Board of Supervisors

Other Participants: Central Valley Regional Water Quality Control Board, local/state/federal flood control and water resources management agencies

Timeframe: 2010-2015

DRAFT GOAL 8: Interagency Communication and Cooperation. To promote interagency communication and cooperation between land use and water and wastewater entities and other interested parties so that they may optimize utilization of their resources and provide the highest level of dependable, yet affordable, service, while protecting the natural environment, providing recreation opportunities, and respecting individual entities' water rights and interests.

DRAFT Policies for Goal 8

8.1. Water and Wastewater Infrastructure. The County shall work with water and wastewater agencies in the planning, development, and construction of water and wastewater facilities needed to transmit, treat, store, and distribute potable water supplies, and to collect, convey, treat and dispose of wastewater pursuant to adopted General Plan policies, urban water management plans, water supply agreements, and master facilities plans.

8.2. Cooperation. The County shall support cooperative interregional planning efforts that have as a high priority the protection of existing water rights of local Amador County agencies, the protection of water quality, and the protection and restoration of watersheds, meadows, streams, rivers and lakes.

8.3. Funding Sources. The County shall work with local agencies to identify and pursue alternative funding sources that can be used for projects that improve the water resources management opportunities in Amador County.

8.4. Water Supply Reliability. The County shall encourage water agencies to develop plans for responding to droughts and the effects of predicted global climate change, including contingency plans and the sharing of water resources to improve overall water supply reliability for the existing and future needs of the county.

8.5. Data Sharing. The County shall share relevant data with water and wastewater agencies and NGOs to assist them in their planning activities.

8.6. Communication. The County shall freely communicate and cooperate with all parties interested in water and water-related issues to ensure free exchange of ideas and data and full airing of issues.

DRAFT Implementation Programs for Goal 8

Implementation Program #19: The County shall direct appropriate departments to participate, to the extent possible, in the Mokelumne-Amador-Calaveras Integrated Regional Water Management Plan (IRWMP).

Implements What Policy: 8.2, 1.2

What County Department is Responsible? Planning Department, Board of Supervisors

Other Participants: Water and wastewater agencies, environmental interests, agricultural interests

Timeframe: 2010-2015, on-going

Implementation Program #20: The County shall direct appropriate departments to participate, to the extent possible, in regional water, wastewater, and watershed planning groups designed to discuss and solve water supply, water quality, watershed, and other water/wastewater-related issues within the county, and to identify and pursue alternative funding sources for future projects.

Implements What Policy: 8.2, 6.2, 5.6, 4.5, 1.15

What County Department is Responsible? Planning Department, Board of Supervisors

Other Participants: Water and wastewater agencies, other local agencies

Timeframe: 2010-2015, ongoing

Implementation Program #21: The County shall work with local agencies and NGOs to develop an interagency cooperative program to serve as a clearing house for data related to land use and water planning. These data may include hydrology, water quality, geology, hydrogeology, geography, facility locations, land use, and other water and wastewater related information.

Implements What Policy: 8.5, 8.2, 6.2, 5.6, 4.5, 1.15

What County Department is Responsible? Geographic Information Systems

Other Participants: Water and wastewater agencies, NGOs, and other local agencies

Timeframe: 2010-2015

Implementation Program #22: The County Building Department shall work with water and wastewater agencies to develop consistent construction and inspection standards.

Implements What Policy: 8.1

What County Department is Responsible? Building Department, Board of Supervisors

Other Participants: Water and wastewater agencies

Timeframe: 2010-2015

DRAFT GOAL 9: Public Education and Awareness. To increase public awareness of water resources and wastewater planning, water quality, and water conservation and efficiency through education and outreach.

DRAFT Policies for Goal 9

9.1. Public Education Material. The County shall encourage water purveyors, wastewater treatment providers, and other local organizations or individuals to develop and distribute educational material regarding water conservation and water quality protection measures and programs.

9.2. Water Resources and Wastewater Planning. The County shall encourage water and wastewater agencies to involve the public in their water resource and wastewater planning activities, and shall not support any project that is not developed and implemented with full and meaningful public participation

DRAFT Implementation Programs for Goal 9

Implementation Program #23: The County will seek funds to support efforts to develop and distribute educational material for the public regarding water conservation, water quality, irrigation practices, and other water and wastewater related topics.

Implements What Policy: 9.1, 9.2, 2.5, 4.6, 5.7, 6.1, 7.1

What County Department is Responsible? Planning Department

Other Participants: Water and wastewater agencies, other local agencies, NGOs, landowners

Timeframe: Ongoing

Implementation Program #24: The County shall work with water and wastewater agencies to establish a schedule for briefings to the Board of Supervisors regarding water and wastewater related activities.

Implements What Policy: 9.2, 1.15, 4.5, 5.6

What County Department is Responsible? Planning Department

Other Participants: Water and wastewater agencies

Timeframe: 2010-2015, ongoing

DRAFT GOAL 10. Ensure the continued recreational use of Amador County's rivers, streams, lakes and reservoirs and the related revenue from that use.

10.1 Public Access to Rivers and Streams. The County shall promote direct and trail access to the county's streams consistent with the Public Trust Doctrine, but not violating any individual landowner's property rights.

10.2 Public Access in New Development. The County shall promote public access to rivers, streams, lakes and reservoirs in new developments and in regulatory proceedings related to existing water projects

10.2 Protecting Continued Use of Recreation Resources. The County shall not support water supply or wastewater supply projects that diminish existing recreational use or enjoyment of the county's rivers, lakes, streams and reservoirs, including swimming, gold panning, fishing, boating, water play, and family picnics.

10.3 Wild and Scenic River Designations. The County shall support National Wild and Scenic River designation for the Mokelumne River as proposed by NGOs and federal agencies to ensure protection of its high water quality, scenic beauty, cultural and historical resources, recreational uses and related local revenue, and to protect riverside landowners from eminent domain proceedings initiated by out-of-county water agencies.

Implementation programs

The Amador County Recreation Agency will develop a recreation plan for the county's rivers, streams and lakes in cooperation with whitewater and lake boaters, NGOs, recreation businesses and business organizations.

The County will develop standards for lake and river access for new development.

The County will support federal legislation proposed to protect the Mokelumne River