

Strategy 3: Enter into formal agreements, such as a Safe Harbor Agreement, with the US Fish and Wildlife Service, the California Department of Fish and Game, and/or the California Association of Resource Conservation Districts.

### Objectives

1. Support the recovery of species listed under the Endangered Species Act occurring or potentially occurring on District watershed lands through prescriptive management activities that result in a net conservation benefit to those species.
2. Provide regulatory mechanisms that facilitate District watershed management.
3. Establish protocols for planning and implementing routine maintenance and construction operations within the watershed (e.g. culvert replacement, road maintenance, fire break mowing and tilling, and pipeline construction).
4. Support efforts to inventory and monitor endangered and threatened species habitat and communities and provide for routine monitoring of the health of these sensitive communities.

Strategy 4: Enhance the existing Integrated Pest Management Program to include invasive terrestrial and aquatic plant and animal species control and management.

### Objectives

1. Identify invasive species present in the watershed, the size and location of infestations, and means by which infestations spread and are controlled.
2. Identify any differing standards for the various land use categories.
3. Identify the BMPs to reduce spread of infestations by species.
4. Identify BMPs to preclude introduction of species in the watershed.
5. Evaluate BMPs relative to their potential water quality impact; prioritize their use based on geographic location within the watershed and potential for water quality or ecological impacts.



## 3.3 Natural Resource Management Area

### Water Quality Management

#### Goals:

*Manage the watershed to ensure drinking water meets or exceeds all source water quality goals and that all beneficial uses are protected*

*Manage the watershed and its aquatic ecosystems to protect human health, support economic and recreational activities, and provide healthy habitat for fish, plants, and wildlife*

Strategy 1: Prepare and implement a watershed water quality monitoring program to integrate requirements of various ongoing regulatory and voluntary monitoring programs.

#### Objectives

1. Meet requirements of source water protection monitoring.
2. Support development and deployment of a centralized water quality database.
3. Provide data for development of a quantitative hydrologic and water quality model of Pardee and Camanche Reservoirs to protect all beneficial uses.
4. Assess the impact of reservoir operations on water quality and ecologic health, particularly the effect of reservoir fluctuations on sedimentation and riparian communities.





Strategy 2: Develop a quantitative hydrologic and water quality model of Pardee and Camanche Reservoirs to assess land use impacts and provide operating data.

### Objectives

1. Incorporate watershed vulnerability mapping completed for the Upper Mokelumne River Watershed and the Mokelumne Watershed to identify relative contribution of contaminants to the reservoirs from various land uses and tributaries.
2. Account for contaminant loading from the upper Mokelumne River.
3. Prioritize quantification of pathogens, sediments, nutrients, organic compounds, and metals.

Strategy 3: Define and maintain vegetative buffers around the reservoirs and tributaries leading to the reservoirs that incorporate the following objectives.

### Objectives

1. Set width of buffer commensurate with current scientific recommendations recognizing site-specific conditions.
2. Increase the health and vigor of riparian habitats.
3. Limit human and rangeland animal access to the buffer zone.
4. Where access is required, design it such that the buffer retains functionality and the health of adjacent riparian areas is protected.

## 3.4 Community Use Management Area

### Recreation Management

#### Goals:

*Provide recreation to meet regulatory requirements*

*Minimize subsidy of recreation activities while providing a quality recreational experience and protecting water quality and the environment*

*Promote the well-being of the community and maintain District values by providing recreational activities that are environmentally and financially sustainable and enhance understanding of and respect for the watershed ecosystem*

Strategy 1: Prepare and implement a Mokelumne Watershed Recreation Plan that outlines recreational opportunities in the watershed, outlines desired future recreation amenities with respect to the policy and guidance included herein, and incorporates the following objectives.

#### Objectives

1. Consider recreational access to District lands that does not conflict with maintaining water quality and ecological integrity in the watershed and reservoirs.
2. Provide a combination of day and short-term recreational activity based on projected future demand and feedback from recreational users.
3. Identify BMPs that may be applied to limit the impacts of recreational activity on water quality and ecological health.
4. Focus on recreational alternatives requiring lower capital investment and operating costs and minimal infrastructure investment, and that meet, to the extent possible, the demand for recreational access to the watershed.
5. Include hazard inspections and mitigation as part of public safety and security measures.
6. Plan for the completion of the Mokelumne Coast to Crest Trail.
7. Identify trail construction, maintenance, and repair standards for existing and future trail systems and reference asset management plans as appropriate.
8. Identify and evaluate alternatives to protect water quality against chemical contaminants and invasive species transported on vehicles, equipment, boats, and trailers.
9. Provide for human sanitation containment, removal, and disposal for both Pardee and Camanche Reservoirs.
10. Continue to promote and prioritize reuse, recycling, and conservation efforts at the recreation areas.
11. Identify construction, maintenance, and repair standards for recreation facilities that provide ADA accommodations where feasible and practical and include facilities in the infrastructure master plan.





Strategy 2: Partner with local counties and recreation agencies to construct and maintain trails for local community use.

### Objectives

1. Minimize subsidies and control costs by sharing the cost of trail development and maintenance with trail users.
2. Expand volunteer efforts for trail construction and maintenance, habitat restoration, and environmental clean up.
3. Partner with Amador, Calaveras, and San Joaquin Counties to help meet regional demand for recreation.

Strategy 3: Evaluate all concession contracts and recreation fees to reflect current market rates and obtain the best financial alternative for the District.

### Objectives

1. Expand opportunities for third-party financial participation in recreation activities.
2. Align fees with market rates and explore programs and fee structures for special classes of users, such as ratepayers, schools, and community groups, participating organizations/agencies and designated/approved user groups.



## 3.4 Community Use Management Area

### Education

#### *Goals:*

*Increase public awareness and knowledge of the Mokelumne ecosystem and goals of water quality protection programs*

*Improve visitor stewardship of Mokelumne watershed lands.*

Strategy 1: Formalize participation in the Stewardship Through Education Program. Build relationships with surrounding communities and increase knowledge of and respect for the watershed as a community asset.

#### Objectives

1. Provide educational opportunities to primary and secondary students in disciplines related to all aspects of watershed stewardship, including water quality, natural resources, and historic and cultural resources.
2. Develop educational materials specific to the Mokelumne Watershed for use in the classroom and as part of field trips to the watershed.
3. Build relationships with surrounding communities and increase knowledge of and respect for the watershed as a community asset.





Strategy 2: Develop and implement formalized watershed education programs as part of the Recreation program.

### Objectives

1. Increase visitor awareness of impact their activities have on the surrounding environment.
2. Continue to promote and prioritize recycling, reuse, and conservation efforts at campgrounds and recreation areas.
3. Pursue volunteer programs to support watershed restoration and monitoring efforts where District goals are furthered.
4. Minimize the potential for vandalism of District property and watershed resources.



## 3.4 Community Use Management Area

### Cultural and Historical Resources

#### *Goals:*

*Avoid adverse effects on cultural and historical resources due to District activities or public use of watershed lands*

*Preserve and protect cultural resources for use by Native Americans with cultural connection to the watershed lands in compliance with the law*

*Promote the protection and preservation of historical resources for community use*

Strategy 1: Inventory cultural and historical resources on watershed lands.

#### **Objectives**

1. Develop GIS-based database of cultural and historical resources that identifies the location of the resource and documents its significance and integrity.
2. Establish protocols for accessing this information during project planning, design, and construction phases.
3. Establish BMPs and protocols for avoiding and protecting cultural and historical resources during project implementation.
4. Support restoration, protection, and appropriate use of ethno-botanical vegetative communities and habitats and reference related plans such as the Ecologic Integrity Plan as appropriate.





Strategy 2: Develop a process for responding to requests from Native American groups for access to cultural or culturally significant sites on watershed lands.

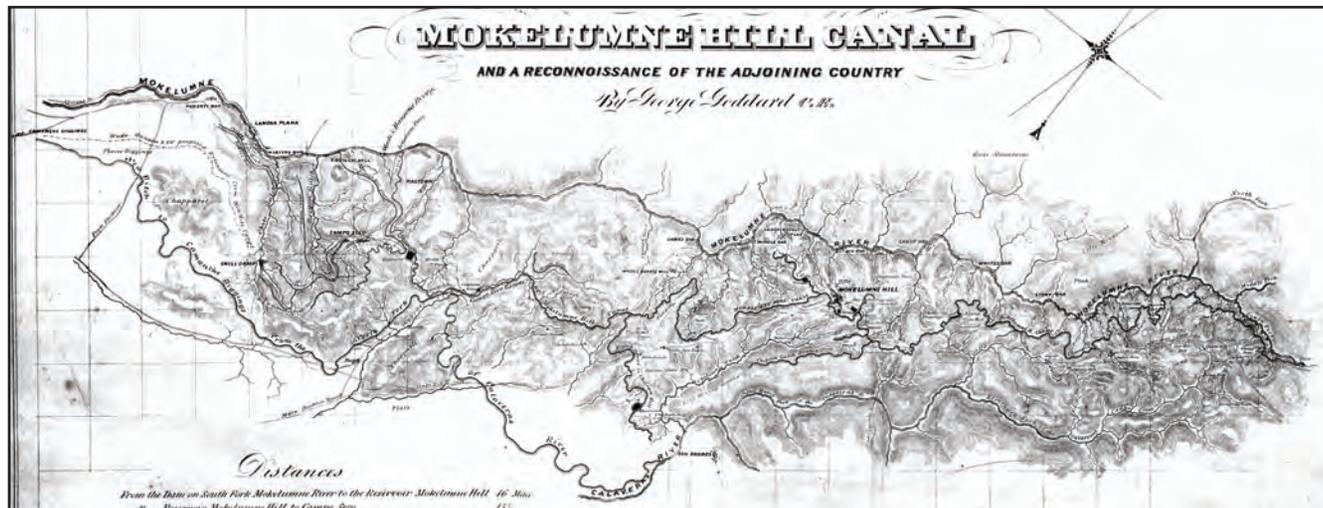
### Objectives

1. Protect and preserve cultural resources for study and use by Native Americans with cultural connection to watershed lands.
2. Develop standard entry permit terms and conditions for Native American access to District lands.
3. Preserve confidentiality of cultural sites per legal requirements and agreements with Native American groups.

Strategy 3: Establish protocols for access to historical sites for educational use in conformance with the State Historic Preservation Office and other legal requirements.

### Objectives

1. Provide access to historical sites for study by researchers.
2. Allow individuals access to historical homesteads and other sites of personal significance.
3. Support efforts of local historical societies and community members to document local history.
4. Support community-led efforts to develop educational and preservation plans for historic and cultural sites.



## 3.4 Community Use Management Area

### Mobilehome Parks Management

#### Goals:

*Continue to operate mobilehome parks if revenues generated meet or exceed the cost to manage the mobilehome parks and public, environmental, and ratepayer value is maximized*

*Ensure that individual units meet legal requirements and that the parks operate in conformance with the District's rules and regulations*

Strategy 1: Prepare a Mobilehome Park Management Plan.

#### Objectives

1. Review, revise as necessary, and enforce the mobilehome park rules and regulations to ensure construction, repair, and maintenance activities by mobilehome owners meet legal and District standards and align with District water quality and ecologic integrity goals.
2. Develop and maintain a mobilehome park site inventory to evaluate site conditions and ensure ongoing compliance with legal and District standards.
3. Outline and implement a process for setting lease fees to reflect market rates.
4. Delineate responsibilities of mobilehome owners, the District, and the concessionaire for operation and maintenance of the mobilehome parks.
5. Review and revise as necessary the process for evictions, removal of abandoned, dilapidated, structurally unsound, or otherwise unsafe structures and personal property that pose a public health nuisance or safety hazard.
6. Evaluate metering and charging for basic services such as water, sewage, electricity, and garbage removal.
7. Evaluate operating costs, including utility access and maintenance, in coordination with the infrastructure management plan and financial management framework.
8. Provide a mechanism for community participation in plan development.

