

**Draft Adaptation of Existing Policy Worksheet – Natural Resources and Hazards Report:
Appendix D**

[We have added **Goals** from the 1984 General Plan Framework*]

**NATURAL RESOURCES AND HAZARDS REPORT
APPENDIX D:
Existing Policy Worksheet**

The following list of existing General Plan policies corresponds to the policies described in the individual chapters of this report. This worksheet is provided as a tool for members of the public to indicate preferences for retaining, modifying, or deleting current policies. For those policies marked as “Modify,” please state how the policy should be modified in the comments column.

SO THAT WE CAN INTEGRATE YOUR INFORMATION INTO THIS EXPENSIVE FORMATTING PROJECT, PLEASE TYPE YOUR COMMENTS IN 12 OR LARGER FONT (ANY STYLE). OR WRITE ON HARDCOPY AND SUBMIT TO HUMBOLDT WATERSHED COUNCIL, 677-0673.

Water Resources				
Goals: 1. <i>To maintain or enhance the quality of the County's water resources and the fish and wildlife habitat utilizing those resources.</i> 2. <i>To maintain a dependable water supply, sufficient to meet existing and future domestic, agricultural, industrial needs and to assure that new development is consistent with the limitations of the local water supply.</i>				Goal: Modified 1.: <i>To maintain and enhance the quality of the County's water resources which supply the habitat upon which fish and wildlife depend to survive.</i>
<i>Policy</i>	<i>Retain</i>	<i>Modify</i>	<i>Delete</i>	<i>Comments</i>
84. Ensure that land use decisions are consistent with the long term value of water resources in Humboldt County.		X		Modified: The County shall ensure that land use policies and implementing ordinances are consistent with the long term value and sustainability of water resources in Humboldt County.
85. Regulate development that would pollute watershed areas.		X		Modified: The County shall require that no net increase in watershed pollution results from development in watershed areas. See Appendix E, Modified Policy Option 1.2
86. Ensure that the intensity and timing of new development will be consistent with the capacity of water supplies.		X		Modified: The county shall require that the intensity and timing of new development is consistent with the capacity of water supplies.
87. Existing water uses shall be considered during the review for		X		Modified: The long term sustainability of existing water uses shall be considered

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new water uses.				and protected during any review for new water uses. See Appendix E, Modified Policy Option 1.5
88. The availability of groundwater should be used as a prime factor in determining the desirable amount of residential development in a particular area in order to protect groundwater resources from depletion or contamination.		X		Modified: The availability of surface water and ground water, for uses which will not adversely impact biological resources in the watershed, shall be used as a prime factor in determining the allowable amount of residential development in a particular area in order to protect water resources from depletion or contamination.
89. Projects must provide evidence of water availability prior to recordation of map.		X		Modified: Projects must provide evidence of water availability, in excess of existing uses, prior to recordation of map.
90. Maximize the use of water conservation techniques appropriate for new and existing development.		X		Modified: The County shall require that new development maximizes the use of water conservation techniques and shall encourage use of appropriate water conservation techniques for existing development.
91. Continue participation in all state, regional or local water resource planning efforts effecting surface run-off or groundwater supplies.	X			
92. Encourage further investigation on the County's water resources by federal and state water resource agencies.		X		Modified: The County shall advocate for the return of water (Eel, Klamath, and Trinity rivers) to the rivers for beneficial uses and economic well being of its residents.
93. Large water export projects will not be approved or supported unless specific requirements and assurances are satisfied. These shall include the 1978 water policy statement policies regarding "Water Export Projects on Humboldt County Streams". (See Standards 5a-1)			X	Use Modified Option 1.5 in Appendix E.
94. Support flow release schedules from existing reservoirs that maintain or enhance the fisheries of those rivers.		X		Modified: The County shall support flow release schedules from existing reservoirs that enhance the fisheries of those rivers.

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95. Support the development of fisheries enhancement projects on small Humboldt County streams.		X		Modified: The County shall support the development of fisheries enhancement projects on small Humboldt County streams.
96. Ensure that projects located within state designated wild, scenic or recreational river basins are consistent with the guidelines in the State Wild and Scenic Rivers Act (as amended).		X		Modified: The County shall require that projects within state designated wild, scenic or recreational river basins are consistent with guidelines in the State Wild and Scenic Rivers Act (as amended) and do not decrease the wild and scenic values of the basins.
97. The development of environmentally sound small hydroelectric projects on publicly and privately owned lands in Humboldt County is generally encouraged. The County should only examine small hydroelectric project proposals for impacts not reviewed by other agencies and for overall consistency with the intent of the General Plan.		X		Modified: The County shall require that small hydroelectric projects on publicly and privately owned lands in Humboldt County are consistent with resources (water, biological, forest) policies of the General Plan.

Biological Resources

Goal: <i>To maximize where feasible, the long-term public and economic benefits from the biological resources within the County by maintaining and restoring fish and wildlife habitats.</i>				
<i>Policy</i>	<i>Retain</i>	<i>Modify</i>	<i>Delete</i>	<i>Comments</i>
98. Maintain values of significantly important habitat areas by assuring compatible adjacent land uses, where feasible.		X		Use Appendix E Modified Policy Options 2.1, 2.2, 2.3, 2.4, 2.5, 2.6 to maintain values of significantly important habitat areas.
99. Habitats for "critical species" shall be protected under provisions of NEPA and CEQA.		X		Modified: Habitats for "critical species" shall be protected under provisions of NEPA and CEQA as they were written and implemented prior to the year 2001.
100. Development within stream channels shall be permitted when there is no less environmentally damaging feasible alternative, where the best feasible mitigation		X		Modified: Development within stream channels shall be permitted <i>only</i> when there is no less environmentally damaging feasible alternative, where the best

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measures have been provided to minimize adverse environmental effects, and shall be limited to essential, non-disruptive projects as listed in Standard 6.				feasible mitigation measures have been provided to minimize adverse environmental effects, and shall be limited to essential, non-disruptive projects as listed in Standard 6.
101. To protect sensitive fish and wildlife habitats and to minimize erosion, runoff and interference with surface water flows, the County shall maintain Streamside Management Areas (SMA), along its blue line streams as identified on the largest scale U.S.G.S. topographic maps most recently published, and any significant drainage courses identified through the CEQA process.		X		Modified: To protect sensitive fish and wildlife habitats and to minimize erosion, runoff and interference with surface water flows, the County shall implement a riparian combining zone to maintain Streamside Management Areas (SMA), along its blue line streams as identified on the largest scale U.S.G.S. topographic maps most recently published, and any significant drainage courses identified through the CEQA process.
102. Development within the Streamside Management Areas shall be permitted where mitigation measures (Standard 8) have been provided to minimize any adverse environmental effects, and shall be limited to uses as described in Standard 7.				Modified: Development within the Streamside Management Areas shall be permitted only when there is no less environmentally damaging feasible alternative, where the best feasible mitigation measures have been provided to minimize adverse environmental effects, and shall be limited to essential, non-disruptive projects as described in Standard 7 (with item B of Standard 7 deleted).
103. The Biological Resource Maps shall be incorporated into the project review process in order to identify sensitive habitat concerns. These maps shall be kept up to date with the most recent information obtainable. Accommodation of new resource information on the Biological Resource Maps may require an amendment to the adopted General Plan.	X			
104. The County should request the Department of Fish and Game, as well as other appropriate agencies and organizations to review plans for development within sensitive habitat areas or Streamside Management Areas. Recommended mitigation measures shall be considered prior to project approval.		X		Modified: The County shall request the Department of Fish and Game, as well as other appropriate agencies and organizations to review plans for development within sensitive habitat areas or Streamside Management Areas. Recommended mitigation measures shall be required for project approval.

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Forest Lands				
Goal: <i>To actively protect and conserve timberlands for long-term economic utilization and to actively enhance and increase county timber production capabilities.</i>		X		Goal: Modified: <i>To actively protect and conserve timberlands for long-term economic utilization and to actively enhance and increase county capabilities for production of high quality wood while conserving soil, water and wildlife habitat.</i> [refer to Forest Practice Act, see Policy 105] (For additional proposed Goals , see 3 Forest Resources in Appendix E)
<i>Policy</i>	<i>Retain</i>	<i>Modify</i>	<i>Delete</i>	<i>Comments</i>
105. Timberlands shall be retained for timber production, harvesting and compatible uses, and reclassification of Timberland Production Zones (TPZ) shall be done in accordance with statutory requirements.		X		See <i>Forest Practices Act</i> Section 4513 (a) and (b). Modified: Timberlands shall be retained for timber production, harvesting and compatible uses, and reclassification of Timberland Production Zones (TPZ) shall be done in accordance with statutory requirements. Rates of harvest shall not exceed levels that can be permanently and consistently sustained for maintenance of the resource and it's compatible uses.
106. Avoid, wherever practical, the location of any state or local public improvements and any improvements of public utilities, and the acquisition of land therefore, in Timberland Production Zones where the project will have a significant adverse effect on the production of timber.		X		Modified: Location of any state or local public improvements and any improvements of public utilities, and the acquisition of land therefore, shall be permitted in Timberland Production Zones where the project will have a significant adverse effect on the production of timber only when there is no less damaging alternative available.
107. Encourage the long-term management of timberlands.		X		Modified: The County shall encourage the long-term management of timberlands for better productivity of all forest resources – from high quality of timber to abundant steelhead and salmon fisheries.

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<p>108. Support the use of forest improvement programs, whether funded publicly or privately, whether in a TPZ or other forestland.</p>		<p align="center">X</p>		<p>An open space surcharge levied on all future sales of real estate and on permits for development (five parcels or more) could be used for this endowment fund. Property values in Humboldt county are increasing, in part, because of amenities such as clean air and forestland scenic vistas. See proposed New Policy Option 3.6.a. in Appendix E.</p> <p>Modified: The County shall support, through the establishment and use of an endowment fund, the use of forest improvement programs directed toward recovery of timber, water, fishery, and wildlife resources of Humboldt County, in TPZ and other designations containing forest resources.</p>
<p>109. Affirm and support the public services provided by County government which are necessary in maintaining a viable forest products industry.</p>			<p align="center">X</p>	<p>Humboldt County cannot afford to subsidize any industry. Permits for other activities are supposed to be self-supporting and potential public costs of the permit process are evaluated before permits are granted. See New Policy Options 3.5.a, b, c, and d in Appendix E.</p>
<p>110. Encourage, consistent with the Rural Development Section 2550, improved site productivity, timber growth and harvesting through intensive forestry management.</p>		<p align="center">X</p>		<p>“Intensive forest management” is confused with even-age silviculture, and/or monoculture timberland management. “Intensive forest management” does not include harvesting. See January 18, 2003, letter to Kirk Girard from Greg Blomstrom, RPF #1877.</p> <p>Modified: The County shall encourage improved site productivity and timber growth through</p>
<p>111. The County supports zoning correction of land from the Timberland Production Zone when it can be found that:</p> <ul style="list-style-type: none"> A. The original inclusion was in error or inappropriate; or B. The conversion is necessary to provide for the logical expansion of an existing community. 		<p align="center">X</p>		<p>Modified: The County supports zoning correction of land from the Timberland Production Zone when it can be found that the original inclusion was in error or inappropriate.</p>

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Agricultural Lands

<p>Goal: <i>The optimum amount of agricultural land shall be conserved for and maintained in agricultural use to promote and increase Humboldt County's agricultural production.</i></p>				
<i>Policy</i>	<i>Retain</i>	<i>Modify</i>	<i>Delete</i>	<i>Comments</i>
<p>112. Agricultural lands shall be conserved and conflicts minimized between agricultural and non-agricultural uses through the following:</p> <ul style="list-style-type: none"> A. By formulation of logical boundaries separating urban and rural areas and when necessary, buffer areas to minimize land use conflicts. B. By focusing future conversions in areas where land use conflicts would not threaten the viability of existing agriculture. C. By promoting in-filling to achieve a more logical urban/agricultural boundary. D. By allowing development of uneconomical or marginally viable agricultural lands, or agricultural lands already severely limited by conflicts with urban uses to limit the market pressures for conversion of more productive lands. E. By assuring that public service facility expansions and non-agricultural development do not inhibit agricultural viability through degraded water supplies, access systems, air quality, and other relevant considerations, such as 		<p align="center">x</p>		<p>Modified: Agricultural lands shall be conserved and conflicts minimized between agricultural and non-agricultural uses through the following:</p> <ul style="list-style-type: none"> A. By zoning overlays creating buffer areas and boundaries separating urban and rural areas to minimize land use conflicts with minimal loss of agricultural land. B. Delete. C. By promoting urban in-filling. D. By promoting agricultural conservation easements. E. No change. G. No change.

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increased assessment costs. F. By broadening the utility of agricultural preserves and the Williamson Act Program to accommodate and encourage intensively managed farms.				
113. The conversion of economically viable agricultural lands shall be monitored and reported annually.		X		Modified: The County shall charge a fee for conversion that is representative of the true value of the loss of agricultural land to the economy, the loss of open space, the cost of public facilities and services expected to result from development. The conversion of economically viable agricultural lands shall be monitored and reported annually.
114. In-filling shall be encouraged for all development.	X			
115. Prime agricultural land should be retained in parcel sizes large enough to provide for an economic management base.		X		Modified: Prime agricultural land shall be retained in parcel sizes large enough to provide for an economic management base.
116. The County shall support predator control programs to reduce livestock depredation.		X		Modified: The County may support humane predator control programs to reduce livestock depredation. The County shall educate the public on how to coexist with wild animal populations.
117. Vegetation management programs (controlled burning, etc.) shall be supported where they improve the availability and quality of rangeland for livestock and wildlife, reduce the hazard of disastrous wildfires and increase water quality and quantity.	X			
118. Areas with General Plan designations of Agriculture Exclusive should not be annexed to cities or service districts providing sewer service unless it is in the public interest.		X		Modified: Areas with General Plan designations of Agriculture Exclusive shall be preserved and maintained in these designations unless the general public well being is overwhelmingly served by conversion.
119. The County Planning Department and Board of Supervisors will request the Local Agency Formation Commission to utilize the County's General Plan in advising the County on the appropriate level of services to be provided in the County's	X			

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unincorporated areas.				
120. Agricultural production requiring smaller parcels and more intensive management, including aquaculture shall be encouraged wherever feasible consistent with the Remote Rural Development Section 2550 and other policies of this section	X			
121. The conversion of agricultural land should only be considered where continued agricultural production is not economically feasible and proposed development is consistent with Remote Rural Development Section 2550.		X		Modified: The conversion of agricultural land shall only be considered where continued agricultural production was not economically viable, on average, for the previous five years.
122. Affirm and support the public services provided by County Government which are necessary in maintaining a viable agricultural products industry.	X			

Public Lands

<i>Policy</i>	<i>Retain</i>	<i>Modify</i>	<i>Delete</i>	<i>Comments</i>
123. The Planning Commission shall be utilized as the advisory agency to the Board of Supervisors in coordinating with planning activities of public land agencies.		X		Modified: The Planning Commission shall be utilized as the advisory agency to the Board of Supervisors in coordinating with public land agencies on planning activities.
124. The Planning Commission should be responsible for reviewing public land management and environmental documents.		X		Modified: The Planning Commission shall be responsible for reviewing public land management and environmental documents.
125. The Planning Commission should encourage applicable public land agencies that prepare management plans to: A. Ensure consistency with the General Plan. B. Promote and protect adjacent private resource production lands. C. Effectively utilize the multiple use concept. D. Emphasize the provision of low cost recreational opportunities, provided such opportunities do not compete with private enterprise. E. Place priority on development and maintenance of facilities		X		Modified: The Planning Commission should encourage applicable public land agencies that prepare management plans to: A. No change. B. No change. C. Delete. D. Emphasize the provision of low cost, low environmental impact recreational opportunities. E. Place priority on development and maintenance of facilities where environmentally appropriate. F. No change.

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over future acquisition. F. Maximize local employment.				
126. Full fee acquisitions should only be supported by the County where the acquisition: A. Is a part of an adopted management plan; and B. is within the management boundaries of the public lands, or is for the consolidation of management units; and B. is made from willing sellers; and C. is the last option after discussion with the property owner of all less than full fee alternatives.	X			
127. Discourage acquisition and conversion of resource production lands to other uses.	X			
128. The County shall not support acquisitions through eminent domain, unless it is found to be: A. The last option after the opportunity for mutual agreement has been exhausted; or B. In the interest of public health, safety, and welfare; or C. Required to protect public rights; or D. Necessary to national security.		X		Modified: The County shall not support acquisitions through eminent domain, unless it is found to be: A. No change. B. No change. C. No change. D. Delete.
129. Development adjacent to multiple use public lands shall be consistent with applicable resource production policies of the General Plan.	X			
130. Development in areas adjacent to public lands where resource production activities are not permitted shall be consistent with applicable rural development policies.		X		Modified: Development in areas adjacent to public lands where resource production activities are not permitted shall be consistent with the goals/policies of management of the adjacent public lands and consistent with applicable forest resource and agricultural lands policies.
131. Development within community planning areas adjacent to public lands shall be compatible with the management doctrines of applicable public land agencies.	X			

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132. Subdivision of land within community planning areas adjacent to public lands should not be permitted, unless it can be found that creation and development of additional parcels will not be detrimental to the quality or activities conducted on public lands.		X		Modified: Subdivision of land within community planning areas adjacent to public lands shall not be permitted, unless it can be found that creation and development of additional parcels will not be detrimental to the quality or activities conducted on public lands.
133. The County should encourage the provision of the maximum amount of access to public lands and waterways consistent with: A. Public safety; B. Nearby access; C. Rights of private property owners; D. Natural resource protection; E. The Map Act.	X			
134. The County supports the disposal of surplus public lands to private ownership.	X			
135. Private ownerships designated Public Lands (P) may be developed, consistent with other regulations, where the proposed development is: A. Consistent with the resource production policies or B. When in, or adjacent to a Community Planning Area, or Rural Community Center, consistent with existing or planned uses of the adjacent properties.			X	For what reason(s) would privately owned parcels be designated Public Lands?

Remote Rural Development [No reference to this topic in the Natural Resources and Hazards report - the following relevant policies were added from the Building Communities Report, pages 7-1 and 7-2:]

Goal:				
<i>Policy</i>	<i>Retain</i>	<i>Modify</i>	<i>Delete</i>	<i>Comments</i>
1. Lands adjacent to areas designated as agricultural and timberlands in the General Plan should be planned for uses compatible with agriculture and timber wherever possible.		X		Modified: Lands adjacent to areas designated as agricultural and timberlands in the General Plan shall be planned for uses compatible with agriculture and timber.
2. Parcels in areas of Timber Site Quality III or higher should be retained for timber production or compatible uses wherever possible.		X		Modified: Parcels in areas of Timber Site Quality II or higher shall be retained for timber production; parcels in areas of Timber Site Quality III should be retained

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				for timber production or compatible uses wherever possible.
3.	Lands containing sensitive habitats should be developed consistent with the maintenance requirements of the habitat. (Sections 3400- 3433).		X	Modified: Development shall be constrained on lands containing sensitive habitats to ensure long term viability of these habitats. See Policy Option 3.6 in Appendix E .
4.	Lands which contain identified hazards shall be developed consistent with the objective to reduce public exposure to the hazards.	X		
5.	All development should be designed to minimize erosion and sedimentation.		X	Modified: All development shall be designed to minimize erosion and sedimentation.
6.	Any development plan or concept should be given consideration, provided that the intent of the General Plan is carried out.			X
7.	Cumulative impacts of water withdrawal from surface and groundwater sources and sewage disposal should be assessed during the zoning of all areas designated for Rural Development.		X	Modified: Cumulative impacts of water withdrawal from surface and groundwater sources and sewage disposal shall be assessed during the zoning of all areas designated for Rural Development. See Policy Option 1.8 in Appendix B .

County Parks and Recreation [The title is Parks, Recreation and Open Space in the Natural Resources and Hazards report]

Goal: <i>To provide and adequately maintain park and recreation opportunities which are highly accessible and reflective of public needs; to protect park resources from incompatible uses; and to plan park development in such a manner as to minimize environmental impacts.</i>		X		Goal: Modified: <i>To provide and adequately maintain park and recreation opportunities which are accessible and reflective of public needs; to protect park resources from incompatible uses; and to plan park development in such a manner as to minimize environmental impacts and enhance survival of native species.</i>
<i>Policy</i>	<i>Retain</i>	<i>Modify</i>	<i>Delete</i>	<i>Comments</i>
136. The County should continue to support efforts to acquire, develop, and maintain county parks and recreation areas that are highly		X		Modified: The County should continue to support efforts to acquire, develop, and maintain county parks, recreation areas and community forests that are accessible

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accessible to the public, and serve the unstructured outdoor recreational needs of County residents and tourists.				to the public, and serve the unstructured outdoor recreational needs of County residents and tourists; the County shall plan development of these areas to minimize environmental impacts and enhance survival of native species.
137. The County shall give priority to the County residents' outdoor recreational needs.		X		Modified: The County shall give priority to the County residents' outdoor recreational needs developing standards that address cumulative recreational needs resulting from development and implement these standards when major developments (five or more parcels) are submitted for approval.
138. Plans for the development of additional County recreational facilities and opportunities shall consider the County's long term capabilities for the maintenance of all facilities and opportunities.		X		Modified: Plans for the development of additional County recreational facilities and opportunities shall include feasible mechanisms for the maintenance of all facilities and opportunities over the long term.
139. The County shall encourage the private acquisition, development, and preservation of outdoor recreational resources and opportunities and facilities, and the County will coordinate recreation plans with all appropriate agencies.		X		Modified: The County should encourage the private acquisition, development, and preservation of outdoor recreational resources and opportunities and facilities, and the County will coordinate recreation plans with all appropriate agencies.
140. The County shall pursue all feasible sources of funding for the maintenance, development or acquisition of recreational facilities and programs consistent with this plan.	X			
141. The County Parks and Recreation Division staff shall continue to provide information regarding recreational opportunities within Humboldt County and input into land use planning decisions insofar as those decisions may effect recreational opportunities in the County.	X			
142. Policies addressing community recreational needs shall be prepared as part of each community plan.	X			

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Education [Title is Cultural Resources in the Natural Resources and Hazards report]

<p>Goal: <i>To provide for the protection and enhancement of cultural resources for the historic scientific, educational, and social contributions they render to the present generation and to generations that follow.</i></p>	X			
<i>Policy</i>	<i>Retain</i>	<i>Modify</i>	<i>Delete</i>	<i>Comments</i>
143. Cultural resources (including but not limited to archaeological, paleontological and architectural sites, grave sites and cemeteries) shall be identified where feasible, assessed as to significance, and if found to be significant, protected from loss or destruction.	X			
144. Concerned citizens, historical organizations and applicable agencies shall be consulted during project review for the identification and protection of cultural resources.	X			
145. Projects located in areas found to have cultural resources shall be conditioned and designed to avoid loss or degradation of these resources.	X			
146. Expert opinions and field reconnaissance at the applicant's expense may be required during environmental assessment to determine the presence, extent, and condition of cultural resources and the likely impact upon such resources.	X			
147. Archaeological and paleontological resources shall not be knowingly destroyed or lost through a discretionary action unless: A. The site or resource has been found to be of insignificant value by relevant experts and representatives of the cultural resources community, or; C. There is an overriding public benefit from the project, and compensating mitigation to	X			

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offset the loss is made part of the project.				
148. Mitigation measures shall be required where new development would adversely impact archaeological or paleontological resources.	X			

Mineral and Energy Resources

Goals:

1. *To assure the long-term availability of adequate supplies of mineral resources, to protect mineral resource areas from incompatible land uses and to minimize adverse environmental impacts.*
2. *To move toward self-sufficiency in energy use, with maximum reliance on local renewable resources for local energy needs.*

<i>Policy</i>	<i>Retain</i>	<i>Modify</i>	<i>Delete</i>	<i>Comments</i>
149. Maintain and update maps of the County's identified mineral deposits.		X		<p>Modified: The County shall request the California Department of Conservation to do a geologic survey of the county and follow through persistently until the mapping is completed not later than 5 years after the plan adoption.</p> <p>Rationale: Without a Geologic Survey by the California Department of Conservation to identify the actual extent of the County's mineral and energy resources, any attempt to "plan" the beneficial uses of these resources is merely conjecture and wishful thinking.</p> <p>After Geologic Survey completion, Policy 1 (here #149) should be replaced by Added Policy Option 7.3 in Appendix E.</p>
150. Plan future development such that it will not interfere with the utilization of identified mineral deposits.		X		<p>Modified: To facilitate planning future development, the County shall establish a mineral resource combining zone.</p>

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<p>151. Ensure adverse environmental effects are prevented or mitigated to the fullest extent feasible and that mined lands are reclaimed to a usable condition which is readily adaptable for alternative land uses under the General Plan.</p>		X	<p>Who determines what is the “fullest extent feasible” and who ensures compliance? What action is being taken to prevent heavy metals from leaching into groundwater? What action is being taken to prevent airborne contaminants from leaving quarry sites?</p> <p>Modified: The County shall ensure adverse environmental effects (such as heavy metal leaching and airborne contaminants) are prevented or mitigated to the fullest extent and mineral lands are reclaimed to a useable condition that supports revegetation with natural (local native species) vegetation.</p>
<p>152. Encourage the production and conservation of minerals, while preserving to the maximum extent feasible the values relating to recreation, watershed, wildlife, range and forage, science, and aesthetic enjoyment.</p>		X	<p>Production and conservation are mutually exclusive terms. Production and preserving are likewise, mutually exclusive terms. We can’t extract irreplaceable resource and “preserve” that resource at the same time.</p> <p>Modified: The County shall ensure that scarce, non-renewable resources remain available for the benefit of future generations of Humboldt County residents to the greatest extent possible. This will require the County to update its mineral resource policies as lead agency.</p>
<p>153. Ensure elimination of residual hazards to the public health and safety.</p>		X	<p>This policy cannot be adequately implemented without a clear definition and listing of “residual hazards” and how their “elimination” will be accomplished.</p> <p>Modified: To protect public health, the County shall develop standards defining residual hazards of mineral extraction projects to the public health and implement these standards in the permitting process and monitoring throughout operation durations. This will require the County to adopt its own policies, such as a Naturally-Occurring Asbestos & Dust Control Ordinance and related ordinances, to address issues,</p>

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				including operations permitted under the Timber Harvest Act.
154. Prevent the disruption of community character in siting and planning mineral resource extraction operations.		X		How can this policy be implemented with regard to existing, non-permitted operations? Modified: Mineral resource extraction projects shall be permitted only when community character is not disrupted and quality of life for residents is not reduced for protracted periods of time (more than six months).
155. Require mineral haul routes to avoid incompatible areas such as landslides, highly erodible soils, residential areas, and schools, if feasible.		X		The term “if feasible” is lax and too subjective adjacent to residential areas, especially where many people who work from their homes and need an environment conducive to gaining their livelihoods. Their businesses are as important as those located in commercial districts or the resource operation itself. Adopt strict language limiting conflicts with adjacent incompatible developments, including conflicts resulting from transporting the resource through the community. Modified: The County shall require mineral haul routes to avoid incompatible areas such as landslides, highly erodible soils, residential areas, and schools. If mineral haul routes must traverse incompatible areas, project conditions shall be applied to best minimize potential negative impacts. This policy applies to permitted and non-permitted operations.
156. Permit conditions for mineral extraction operations should address allowable dust and noise		X		Modified: Permit conditions for mineral extraction operations shall address allowable dust and noise levels, hours of

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levels, hours of operation, fencing, traffic, access, setbacks and other means to reduce conflicts with adjacent development.				operation, fencing, traffic, access, setbacks and other means to reduce and best mitigate conflicts with adjacent development. All new permits should curtail operations [?]
157. Extraction of instream sand gravel is not to exceed the average annual replenishment level (annual bedload), except when the bedload left from a previous flood is greater than the average annual replenishment or if the projects emphasize fishery enhancement, flood control or bank protection.		X		Modified: Extraction of instream sand and gravel shall not exceed the average annual replenishment level (annual bedload), except when the bedload left from a previous flood is greater than the average annual replenishment or if the projects emphasize fishery enhancement, flood control or bank protection.
158. Bank protection shall be permitted to: (1) Maintain necessary public or private roads, (2) Protect principal structures in danger from erosion, (3) Protect lands designated Agriculture-Exclusive from erosion.		X		Modified: 158.a. Bank protection should be permitted to: (1) Maintain necessary public or private roads, (2) Protect principal structures in danger from erosion, (3) Protect lands designated Agriculture-Exclusive from erosion. Modified: 158.b. The County shall use planning tools proactively to keep roads and principal structures out of areas subject to flooding including the historical meander areas of rivers.
159. Evaluate significant water diversion projects which would reduce the replenishment rate of gravel in streams as to the impact they would have on local mineral supply in Humboldt County.		X		Modified: For diversions retaining water within Humboldt County, the County shall evaluate projects which would reduce the replenishment rate of gravel in streams as to the impact they would have on local mineral supply for the County. See Modified Policy Option 1.5 in Appendix E.
160. The operation of borrow pits on Resource Production Lands (timber, agriculture) for non-commercial purposes is considered a principle use necessary to maintain the primary use of the land.		X		Modified: The County shall implement oversight of borrow pits on Resource Production Lands (timber and agriculture) to ensure that scarce and irreplaceable resources remain available for future generations of Humboldt County residents to maintain the Primary Uses of the Land, and to ensure that operations conform to environmental and social protection standards. <i>As the lead agency for mineral resources,</i>

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				the County will adopt its own policies to address issues, including operations permitted under state and/or federal regulations such as those on timber harvesting. These policies will conform with state and federal policies, but may go beyond them to protect the interests of the County, its residents and businesses both currently and in the future.
161. The subdivision to create parcels which are for the primary purpose of providing road and construction materials shall be consistent with this plan.		X		Modified: The subdivision to create parcels which are for the primary purpose of providing road and construction materials shall be consistent with all applicable portions of this plan.
162. Oil and gas development shall be permitted consistent with the following: A. The development is performed safely and consistent with the geologic conditions of the well site. B. New or expanded facilities related to such development are consolidated, to the maximum extent feasible and legally permissible, unless consolidation will have adverse environmental consequences and will not significantly reduce the number of producing wells, support facilities, or sites required to produce the reservoir economically and with minimal environmental impacts. C. Such development will not cause or contribute to subsidence hazards unless it is determined that adequate measures will be undertaken to prevent damage from such subsidence.		X		Modified: Oil and gas development shall be permitted consistent with the following: A. The development is performed safely and consistent with the geologic conditions of the well site and with the best available environmental mitigations. B. No change. C. No change.

Scenic Resources

Goals: 1. <i>Establish a system of scenic routes that will increase the enjoyment of, and opportunities for, recreational and cultural pursuits and tourism in the County.</i>		X		Goals: Modified: 1. No change. 2. Conserve, enhance, and protect scenic resources observable by community residents and those observable from
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<p>2. <i>Conserve, enhance, and protect scenic resources observable from scenic routes.</i></p> <p>3. <i>Provide multiple recreational uses, trails, roadside rests, picnicking and observation points when appropriate on present or future publicly owned lands adjacent to scenic routes.</i></p> <p>4. <i>Recognize the dual scenic and economic value of lands planned or zoned for the growing and harvesting of timber and other agricultural products by maintaining continued resource harvesting and production along scenic routes.</i></p>				<p>scenic routes.</p> <p>3. No change.</p> <p>4. No change.</p> <p>Rationale: Scenic resources are not limited to scenic routes.</p> <p>(See additional Goal and Policy Option 8.1 in Appendix E.)</p>
<i>Policy</i>	<i>Retain</i>	<i>Modify</i>	<i>Delete</i>	<i>Comments</i>
163. The Scenic Routes System shall be developed and implemented through the adoption of specific Scenic Route Plans.			X	See Policy Options 8.1-8.9 in Appendix E.
164. The Scenic Route System shall be consistent with adopted County and City General Plans, and shall be coordinated with local, state and federal agencies.			X	See Policy Options 8.1-8.9 in Appendix E.
165. When considering Scenic Routes where regulations may have to be applied to productive or potentially productive natural resources, primary consideration shall be given to sound resource harvesting and management.		X		<p>Modified: When considering Scenic Routes where regulations may have to be applied to productive or potentially productive natural resources, primary consideration shall be given to sound resource management.</p> <p>See Policy Options 8.1, 8.2, 8.3, 8.4, 8.5 in Appendix E.</p>
166. In both urban and rural areas, uses normally permitted by the General Plan and by zoning shall be allowed in Scenic Routes, except that scenic resources within officially designated Scenic Routes may be preserved and enhanced by supplementing normal zoning regulations with special height, area and setback regulations; by providing architectural and site design review; by regulating billboards, signs not relevant to the main use of the property, obtrusive signs, and automobile wrecking			X	See Policy Options 8.1-8.9 in Appendix E.

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yards and junkyards. Design and location of signs may be regulated to prevent proliferation of unsightly signs along roadsides.				
167. Specific development controls for any proposed Scenic Route shall be identified and adopted in the specific Scenic Route Plan for such route. The nature and type of controls may vary from route to route, and specific controls adopted for any one route or route segment do not necessarily apply to other routes within the scenic route system.			X	See Policy Options 8.1-8.9 in Appendix E .
168. In regard to proposed development projects, the intent of the specific Scenic Route Plan shall be to render projects as aesthetically pleasing or as compatible with surroundings as possible, but not generally to determine whether or not the project itself should occur.			X	See Policy Options 8.1-8.9 in Appendix E .

Hazards – General

Goals:

1. To reduce public exposure to natural and manmade hazards.
2. To ensure the continuity of vital services and functions.
3. To educate the community.

<i>Policy</i>	<i>Retain</i>	<i>Modify</i>	<i>Delete</i>	<i>Comments</i>
169. Regulate land use to ensure that development in potentially hazardous areas will not preclude preserving and promoting public safety. Potentially hazardous areas include, but are not limited to, steep slopes, unstable soils areas, on active earthquake fault lines, in extreme wildland fire areas, in airport flight path zones, and in flood plains and tsunami runup areas.				
170. Development within the coastal zone shall minimize risks to life and property in areas of high geologic, flood and fire hazard, assure stability and structural integrity and neither create nor contribute significantly to erosion, geologic instability or destruction of the site				

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or surrounding areas or in any way require the construction of protective devices that would substantially alter natural landforms along bluffs and cliffs.				
171. Encourage the education of the community regarding the nature and extent of hazards.				
172. Continue to provide for the maintenance and upgrading of disaster response plans.				

Geologic Hazards

173. Provide for the identification and evaluation of existing structural hazards.				
174. Provide for more detailed scientific analysis of natural hazards in the County.				
175. Provide for implementation and periodic review of the Seismic Safety and Public Safety Element.				

Flood Hazards

Goal: [None in Report]

See GOAL added in Appendix E.

<i>Policy</i>	<i>Retain</i>	<i>Modify</i>	<i>Delete</i>	<i>Comments</i>
176. 1. The County shall participate in the Federal Flood Insurance Program to regulate land uses in flood hazard areas in order to minimize loss of life and property, and in order to minimize public flood-related expense. 2. Agricultural lands which are in flood plain areas shall be retained for use in agriculture.		X		Modified: The County shall continue participation in the Federal Flood Insurance Program to regulate land uses in flood hazard areas in order to minimize loss of life and property, and in order to minimize public flood-related expense. See also New Policy Option 11.3 in Appendix E.
[176.a. listed as a separate policy in Natural Resources and Hazards report, page 11-13] Agricultural lands which are in flood plain areas shall be retained for use in agriculture.	X			Keep as a separate Existing Policy.

Fire Hazards

Goal:

To assure adequate fire protection

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<i>Policy</i>	<i>Retain</i>	<i>Modify</i>	<i>Delete</i>	<i>Comments</i>
<i>for new development.</i>				
[177 listed as a policy in the Natural Resources and Hazards report, page 12-5] Proposed development shall be adequately serviced by water supplies for fire protection or shall have a letter from an appropriate fire protection agency indicating that adequate fire protection can be provided.				
[177 listed as a policy in the Natural Resources and Hazards report, page 12-5] Encourage clustered development to provide for more localized and effective fire protection measures.				
177. Humboldt County should encourage the use of prescribed burning as a management tool for timber management purposes, livestock production, and enhancement of wildlife habitat.				
178. Use the appropriate sections of the California Department of Forestry "Fire Safe Guides" as guidelines for review of residential development in rural areas, to be applied consistent with other plan policies.				
179. Actively support and pursue the implementation recommendations of the Humboldt County Fire Chief's Association (see Fire Hazards Implementation, Section 5-2300.3).				

Noise

Goal: [None in Report]

See GOAL added in Appendix E.

<i>Policy</i>	<i>Retain</i>	<i>Modify</i>	<i>Delete</i>	<i>Comments</i>
180. Existing and potential incompatible noise levels in problem areas should be reduced through operational or source controls where the County has responsibility for such controls.		X		Modified: Existing and potential incompatible noise levels in problem areas should be reduced through operational or source controls when possible.

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181. Existing and potential incompatible noise levels in problem areas should be reduced through land use planning, subdivision review, building code enforcement, and other administrative means.		X		Modified: Existing and potential incompatible noise levels in problem areas should be reduced or eliminated through land use planning, subdivision review, building code enforcement, and other administrative means.
182. The land use noise compatibility matrix (Figure 3-2) shall be utilized as the standard for General Planning and zoning purposes.		X		Modified: The land use noise compatibility matrix (Figure 3-2) shall be utilized as the standard for General Planning and zoning purposes. The matrix will be updated to reflect new conditions during periodic reviews.
183. Provide for periodic review and revision of the Noise Element.	X			
184. A local interagency program should be developed for the general public in the nature, extent, and solutions to noise problems in Humboldt County.	X			
185. Coordinate noise control activities with those of other responsible jurisdictions.	X			
186. Identify and evaluate potential noise problem areas on a continuing basis.	X			

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