

# AGRICULTURE & RESOURCE DEVELOPMENT

## AGRICULTURE

**Goal 3.01** Preservation of agricultural land. (NRG-1 & CDG-1)

**Policy 3.01.01** Support the concept that agriculture is a total, functioning system ~~which that~~ that will suffer when any part of it is subjected to regulation resulting in the decline of agricultural productivity, unmitigated land use conflicts and/or excessive land fragmentation (NRP-2) by maintaining agriculture as a primary, extensive land use, not only in recognition of the economic importance of agriculture, but also in terms of agriculture's contribution to the preservation of open space and wildlife habitat (NRP-1) and assuring that future land use decisions protect and enhance the agricultural industry while also protecting existing uses from potential incompatibilities. (NRP-8)

**Policy 3.01.02** Recognize the value of ricelands for waterfowl habitat, watershed management, and for groundwater recharge in an effort to preserve such lands and to maintain necessary water supplies in Glenn County, (NRP-3) support efforts underway to explore the potential to utilize ricelands as temporary storage reservoirs in winter months, thus increasing groundwater recharge and supplies of surface water for both agriculture and wildlife, and potentially providing an alternative to rice straw burning, (NRP-4) and retain grazing land in large contiguous areas of the foothills, in recognition of its value to the livestock industry and as open space for watershed management, and its contribution to groundwater recharge, wildlife and waterfowl. (NRP-16)

**Policy 3.01.03** Continue participation in the Williamson Act and allow new lands devoted to commercial agriculture and located outside urban limit lines to enter the program, subject to the specific standards for inclusion contained in this General Plan, (NRP-5) lobby on a continuing basis for maintenance and enhancement of the Williamson Act subvention program in concert with other interested counties and organizations, (NRP-6) and require notices of nonrenewal for Williamson Act lands as a condition of land division and boundary line changes ~~which that~~ result in parcel sizes below zoning minimums. (NRP-21)

**Policy 3.01.04** Support the erosion control programs, resource management programs, and agricultural conservation efforts of the Glenn County Resource Conservation District that benefit the county as a whole (NRP-19) such as increasing native beneficial perennials, (GCRCD GOAL 1) achieving a 25% increase of rangeland acres with management plans in place with monitoring, (GCRCD GOAL 2) adopting a set of well-used Best Management Practices, (GCRCD GOAL 3) and supporting the U.S.D.A.

Soil Natural Resource Conservation Service (NRCS) effort to update soils survey information in Glenn County. (NRP-18)

- Policy 3.01.05** Facilitate the use of alternative energy sources and allow alternative fuels in agricultural operations, (EEP-3.7.1: AGRICULTURAL LAND USE) evaluate methods to increase the efficiency of agricultural water pumping, including the possibility of increasing the use of surface water delivery systems and establishing a regional or basin-wide irrigation return system, (EEP-3.7.2: AGRICULTURAL LAND USE) develop information and training programs to keep farmers informed of experimental energy and crop production programs, (EEP-3.7.3: AGRICULTURAL LAND USE) and require the Resource Conservation District to organize a forum to discuss energy conservation efforts that require implementation at the regional, state, or federal level. (EEP-3.7.4: AGRICULTURAL LAND USE)
- Policy 3.01.06** Encourage use of agricultural lands preservation tools such as in-county transfer of development rights, conservation easements, exclusive agricultural zoning and continuation of minimum parcel sizes, (NRP-9) and solicit and encourage the voluntary donation of conservation easements or other development restrictions to the County or a qualified private nonprofit corporation to preserve the agricultural use of the land in areas designated for agricultural use, where subdivision of land would promote incompatible development. (CDP-7)
- Policy 3.01.07** Limit the application of rural residential and similar zoning in the county, and follow standards for its application as contained in this General Plan, so as not to encourage the premature conversion of otherwise viable agricultural land to rural residential environments ~~which~~ that can no longer be farmed, and are typically too dispersed to be served efficiently by government services. (NRP-10)
- Policy 3.01.08** Establish urban limit lines around existing and planned future communities, development nodes and other areas of urban use, in an effort to protect agricultural land and to encourage infill and concentric growth, (NRP-13) utilize urban limit lines as a method to preserve agricultural; land and promote orderly growth in the county, (CDP-6) recognize the potential restrictions urbanization places on nearby agricultural practices and mitigate such conflicts whenever possible, continue to support the County's "right to farm" ordinance and effort, (NRP-20) provide for the orderly transition of lands within urban limit lines from agricultural to urban use, and encourage and allow agricultural uses to continue until such time as urban development occurs, (CDP-8) permit the conversion of agricultural or open land to urban development within urban limit lines to occur only as an extension of the urbanizing area with urban limit lines ~~shall~~ not be used as justification for leapfrog development, (CDP-9) and direct urban developments to areas where agricultural operations are already constrained by existing non-agricultural uses. (OOC Policy 4.1.B)

- Policy 3.01.09 Work with the Water and Irrigation Districts to develop a comprehensive plan to address safety, continued use, viability and access for irrigation facilities within areas proposed for non-agricultural development (OOC Policy 4.1.D) and refer all development requests adjacent to, or affecting, facilities owned and operated by Water and Irrigation Districts for review and comment prior to consideration. (OOC Policy 4.1.E)
- Policy 3.01.10 Maintain buffer zones around areas of existing and planned agricultural processing activities and do not permit sensitive uses to encroach within the buffer zones. (OOC Policy 4.1.F) Buffer zones surrounding agricultural processing plants may vary in width based upon existing and proposed uses, as well as whether vegetation screens are incorporated to improve buffer effectiveness. (OOC Policy 4.1.G) Work with the cities to identify and adopt City/County “Areas of Mutual Concern”. Also consider standard mitigation measures to reduce impacts of development on agricultural activities. (OOC Policy 4.1.H)
- Policy 3.01.11 Monitor requests for subdivision of agriculturally developed and zoned parcels, located outside urban limit lines, in order to determine if present minimum parcel sizes are working effectively to discourage agricultural lands conversion (NRP-11) and review such agricultural land conversion findings as described in NRP-11 with decision makers annually. (NRP-12)
- Policy 3.01.12 Consult Important Farmland Maps and other sources of information on the relative value of agricultural lands when planning areas of growth, in order to direct growth and development toward lesser value agricultural lands. (NRP-14) Encourage the preservation of agricultural lands, including those lands in production, and those ~~which~~ that are potentially productive. (CDP-10) Recognize that, in order to realistically provide for the necessary diversity and growth required in the local economy, some lands presently committed to agriculture may be consumed by other development activities, and plan for and monitor such conversion to assure that it does not hinder or restrict existing agricultural operations. Priority shall be given to industries related to agriculture. (NRP-15) Recognize that limited conversion of grazing lands to other uses may be less harmful to agriculture than conversion of cropland, if the new uses are properly planned and serviced. (NRP-17) Direct nonagricultural development to marginal agricultural lands, avoiding Important Farmlands, wherever feasible alternative sites have been identified. (CDP-11)
- Goal 3.02 Attraction of new confined animal facilities to Glenn County. (Goal CAF 1)  
[Recognize the importance of the dairy industry, as well as other confined animal agricultural uses, to the agricultural economy by actively supporting efforts to attract new dairies and to expand existing facilities. (NRP-7)]

- Policy 3.02.01** Glenn County shall provide a user-friendly process in which confined animal facility projects that meet the standards of the Confined Animal Facilities Element may be approved. (Policy CAF 1.1)
- Policy 3.02.02** Glenn County shall provide a streamlined, multi-tiered permitting process tailored to project type. (Policy CAF 1.2)
- Policy 3.02.03** The County shall provide the Confined Animal Facilities Element to all persons interested in confined animal facility expansion and development in Glenn County. (Policy CAF 1.3)
- Goal 3.03** Protection of established confined animal facilities from encroachment by incompatible land uses. (Goal CAF 2)
- Policy 3.03.01** New dwelling units may not be sited within a “confined animal facility windshed” of the production facilities or, where this cannot be attained due to parcel size, the dwelling unit shall be located to the maximum extent possible from the property line bordering an existing confined animal facility. The confined animal facility windshed shall be defined as an area around the production facilities of the confined animal operation that is one mile in the direction of prevailing winds and one-half (1/2) mile in any other direction from the production facilities. (Policy CAF 2.1)
- Policy 3.03.02** On projects involving conversion of land with a general plan designation of either General Agriculture or Intensive Agriculture, to other land uses, dwelling units may not be constructed within the confined animal facility windshed (as defined in CAF 2.1) of the production facilities of the confined animal operation. (Policy CAF 2.2)
- Goal 3.04** Facilitation of County and State regulatory processes for permitting of confined animal facilities. (Goal CAF 3)
- Policy 3.04.01** An expansion of an existing confined animal facility shall require a use permit and environmental review if any of the following conditions are met:
- The original use permit has expired.
  - The applicant must acquire more acreage for reuse of waste or wastewater to prevent impacts to surface water or groundwater quality (19.04.020-30a).
  - The project will increase the capacity of the retention pond to maintain compliance with the conditions of the “Waste Discharge Requirements or Discharges from Confined Animal Facilities” for adequate flood protection and

wastewater containment (19.04.020-30b).

- The production facilities, including corrals, barns, manure storage areas, feed, storage areas, lagoons, etc. are to be physically expanded through construction at a different and non-contiguous site on the property away from the existing production facilities.
- The proposed project conflicts with development standards contained in the Confined Animal Facilities Element. (Policy CAF 3.1)

**Policy 3.04.02** A new or expanded confined animal facility project that meets the development standards set forth in the Confined Animal Facilities Element will be eligible for a discretionary Minor Use Permit with no public hearing set unless it is requested by the applicant or other affected person. Public notices shall be sent to owners of adjacent properties that are within a minimum of 600 feet of the property line or within or bordering the confined animal facility windshed of the existing or proposed production facilities of the confined animal operation as defined in CAF 2.1. (Policy CAF 3.2)

**Policy 3.04.03** Confined animal facility projects that do not meet the development standards of the Confined Animal Facilities Element shall be subject to a Conditional Use Permit, including a public hearing before the Planning Commission. (Policy CAF 3.3)

**Policy 3.04.04** All applications for new confined animal facilities shall be submitted to the Glenn County Planning Department for review. Each application for a new or expanded confined animal facility that requires a Minor Use Permit or a Conditional Use Permit shall include a technical report with the following components, as defined in Appendix F of this element:

- A. General Site Information
- B. Geotechnical Report
- C. Drainage Analysis
- D. Groundwater Evaluation
- E. Nutrient Management Plan
- F. Dead Animal Management Plan
- G. Pest and Vector Control Plan
- H. Dust Control Plan
- I. Odor Control Plan
- J. Traffic Analysis
- K. Biological Resources Survey
- L. Cultural Resources Evaluation
- M. Light and Glare Control Plan (Policy CAF 3.4)

**Policy 3.04.05** Glenn County shall encourage applicants to develop project designs and management plans using Best Management Practices available from government, university extension, and industry association sources. (Policy CAF 3.5)

- Policy 3.04.06** Glenn County shall support the appropriate ongoing regulatory and compliance activities of the California Regional Water Quality Control Board for the protection of water quality as related to confined animal facility expansion and new confined animal facility development and operation. The County shall require all such construction and expansion projects to obtain appropriate permits from the Regional Water Quality Board as required by the State of California. (Policy CAF 3.6)
- Policy 3.04.07** To facilitate the regulatory activities of the California Regional Water Quality Control Board, all applications for new confined animal facilities and expansions of confined animal facilities that require a use permit shall include a Geotechnical Report, a Groundwater Evaluation, a Drainage Analysis, and a Nutrient Management Plan as part of the Technical Report (see CAF 3.4). (Policy CAF 3.7)
- Policy 3.04.08** Glenn County shall encourage new confined animal facility development in portions of the County which are not identified as groundwater recharge areas or shallow groundwater areas. (Policy CAF 3.8)
- Policy 3.04.09** For new or expanding confined animal facilities requiring a use permit, Glenn County shall encourage development of wastewater pond and waste separation pond linings in conformance with Natural Resource Conservation Service standards (Part 651/10 D) standards (See Appendix G). (Policy CAF 3.9)
- Policy 3.04.10** Glenn County shall support the appropriate ongoing regulatory and compliance activities of the California Air Resources Board with respect to “large confined animal facilities” as defined by the Air Resources Board. (Policy CAF 3.10)
- Policy 3.04.11** To facilitate compliance with air quality regulations, all applications for new confined animal facilities and expansions of confined animal facilities that require a Minor Use Permit or Conditional Use Permit shall include a Dust Control Plan as part of the Technical Report (see CAF 3.4). (Policy CAF 3.11)
- Policy 3.04.12** Glenn County shall encourage applicants seeking a use permit for a dairy to achieve certification under the California Dairy Quality Assurance (CDQA) Program (see Appendix H). (Policy CAF 3.12)
- Policy 3.04.13** The driveways and access points for confined animal facilities shall be designed to accommodate semi-tractor trailer trucks, and adjacent roads shall be built to meet the demands of extra weight and larger turning radii. (Policy CAF 3.13)
- Policy 3.04.14** Other than the primary residence of the property owner, housing built on the site of new confined animal facilities and expansions of confined animal facilities that require a use

permit shall only be occupied by families of employees who work on the premises. (Policy CAF 3.14)

**Goal 3.05** Protection of the environment and residents from the potential impacts of confined animal facilities. (Goal CAF 4)

**Policy 3.05.01** All applications for new confined animal facilities and expansions of confined animal facilities that require Minor Use Permit or Conditional Use Permit shall include a Biological Resources Survey as part of the Technical Report (Policy CAF 3.4). (Policy CAF 4.1)

**Policy 3.05.02** All new confined animal facilities and expansions of confined animal facilities that require a Minor Use Permit or Conditional Use Permit shall comply with state and Federal laws regarding protection of Special Status species and their habitats. (Policy CAF 4.2)

**Policy 3.05.03** All applications for new confined animal facilities and expansions of confined animal facilities that require a Minor Use Permit or Conditional Use Permit shall include a Cultural Resources Evaluation as part of the Technical Report (Policy CAF 3.4). (Policy CAF 4.3)

**Policy 3.05.04** All applications for new confined animal facilities and expansions of confined animal facilities that require a Minor Use Permit or Conditional Use Permit shall include a Traffic Analysis as part of the Technical Report (Policy CAF 3.4). (Policy CAF 4.4)

**Policy 3.05.05** All applications for new confined animal facilities and expansions of confined animal facilities that require Minor Use Permit or Conditional Use Permit shall include a Light and Glare Control Plan as part of the Technical Report (Policy CAF 3.4). (Policy CAF 4.5)

**Policy 3.05.06** Production facilities for new or expanding confined animal facilities requiring a Minor Use Permit or Conditional Use Permit may not be located within urban windsheds. The urban windshed shall be defined as an area around urban limit lines, as denoted in the Glenn County General Plan, that is one mile in the direction of prevailing winds and one-half (1/2) mile in any other direction from urban limit lines. (Policy CAF 4.6)

**Policy 3.05.07** Production facilities for new or expanding confined animal facilities requiring a Minor Use Permit or Conditional Use Permit may not be located within the windshed of existing public or private school sites, medical or nursing care facilities, or concentrations of five or more residences. The windshed shall be defined as an area that is one mile in the direction of prevailing winds and one-half (1/2) mile in any other direction from existing public or private school sites, medical or nursing care facilities, or concentrations of five or more residences. (Policy CAF 4.7)

- Policy 3.05.08** Production facilities for new or expanding confined animal facilities requiring a Minor Use Permit or Conditional Use Permit may not be located less than a one-half (1/2) mile from Interstate 5. (Policy CAF 4.8)
- Policy 3.05.09** To minimize the public nuisances caused by odors, dust, flies, vectors, and excessive light and glare, all applications for new confined animal facilities and expansions of confined animal facilities that require a Minor Use Permit or Conditional Use Permit shall include an Odor Control Plan; a Dust Control Plan; a Dead Animal Management Plan, a Pest and Vector Control Plan; and a Light and Glare Control Plan (see CAF 3.4). (Policy CAF 4.9)
- Policy 3.05.10** No confined animal facility shall be constructed or expanded in a manner which, or in an area in which, its construction or expansion will substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner that would result in substantial erosion or siltation on- or off-site; or substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river; or substantially increase the rate or amount of surface runoff in a manner that would result in flooding on- or off-site. (Policy CAF 4.10)
- Policy 3.05.11** No confined animal facility shall be constructed or expanded in a manner that would create or contribute runoff water that would exceed the capacity of existing or planned stormwater drainage systems or create a sources of polluted runoff. (Policy CAF 4.11)
- Policy 3.05.12** No confined animal facility shall place housing within a 100-year flood hazard area as mapped on a Federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map unless the drainage analysis includes assurances that such housing will be above maximum flood levels; neither shall confined animal facility design place within a 100-year flood hazard area structures which would impede or redirect flood flows without approval by the County of drainage analysis data and design that assures no downstream impact. (Policy CAF 4.12)
- Goal 3.07** Preservation, maintenance and restoration of forestry resources.  
(NRG-4)
- Policy 3.07.01** Preserve public and private timber lands and reserve them for that use, while ~~at the same time~~ encouraging compatible recreation and open space uses. (NRP-63)
- Policy 3.07.02** Evaluate rezoning requests in the context of the potential uses and their associated impacts on surrounding timberlands- (NRP-64) and require biological surveys of

timberland as a part of the review process ~~when~~ for zone changes, use permits or other development plans ~~are submitted to the County~~, including an evaluation of the site's utility for timber production. (NRP-65)

**Policy 3.07.03** View timberlands as critical watershed areas and apply watershed protection standards contained in this General Plan for vegetation retention, stream and drainage course setbacks, cut and fill activities, land coverage and limitations on development on steep slopes. (NRP-66) and cooperate with federal and State agencies on programs designed to protect and improve watershed values. (NRP-67)

**Policy 3.07.04** Discourage trades of private lands with the National Forest ~~which~~ that would result in a loss of local tax base, unless they are seen as necessary to the preservation of critical watershed and wildlife areas. (NRP-68)

**Policy 3.07.05** Ensure that as development occurs in remote timbered areas of the county, such development pays its fair share of service related costs through appropriate assessments and mitigation fees. (NRP-69)

## MINERAL RESOURCES

**Goal 3.09** Manage aggregate resources to assure an adequate supply of aggregate resources for future growth and development and maintenance of an economically viable and competitive local aggregate industry. (ARG-1)

**Policy 3.09.01** Encourage the local building industry to use local supplies of aggregate rather than imported materials. (ARP-34)

**Policy 3.09.02** Encourage the aggregate industry to continue to employ local residents. (ARP-35)

**Policy 3.09.03** Plan future development such that it will not interfere with the use of identified aggregate resources. See also ARP-1 and ARP-2. (ARP-36)

**Policy 3.09.04** Designate areas of critical aggregate resource value and identify those areas within County planning documents to ensure their protection from alternative uses. (ARP-37) [Ensure proper management of the Stony Creek aggregate resource. (NRP-74)]

**Policy 3.09.05** Monitor aggregate extraction in a manner that supports the ability of mining operations to perform long-range business planning and implement approved mining and reclamation

plans. The costs to the County to administer and monitor the aggregate industry should be borne by the operators. (ARP-38)

**Policy 3.09.06** Encourage a resource management role for the County. (NRP-70)

**Policy 3.09.07** Require a Master Environmental Assessment and Aggregate Resource Management Plan to be completed on Stony Creek for gravel operations in cooperation with the Glenn County Resource Conservation District. (NRP-77)

**Goal 3.10** Protect lands containing identified aggregate resources from the encroachment of incompatible land uses so that these resources remain available for future use, as needed. (ARG-2)

**Policy 3.10.01** Prevent encroachment of incompatible land uses on or near areas of existing mines or classified designated aggregate resources, causing mining operations to potentially be regarded as a nuisance. Uses that are incompatible with aggregate mining shall be discouraged within and adjacent to existing or potential future aggregate mining areas. Incompatible uses include residential, retail commercial, business professional, and public. (ARP-1) [Include the Stony Creek fan aggregate resource on the groundwater recharge overlay to the Land Use Diagram and reference the overlay when reviewing development proposals in order to protect the resource from future incompatible encroachment, including overcovering by houses and other forms of development. (NRP-73)]

**Policy 3.10.02** Following completion of the Mineral Land Classification by the State Geologist, consider establishing an Aggregate Resource Overlay Zone or other zoning category that will protect aggregate resources from encroachment by incompatible land uses. Work with the cities in the county to protect aggregate resource areas within the city spheres of influence as well. (ARP-2) [Ensure that all mining activity is appropriately permitted and that mines are effectively reclaimed. (OOC Goal 4.2) Ensure that mineral extraction activities within the Orland planning area conform with the State Mining and Reclamation Act (SMARA) requirements, including financial assurance and reclamation plans. (OOC Policy 4.2.B) Petition the State Geologist to designate and protect mineral resources in the county from incompatible uses. (NRP-76)]

**Policy 3.10.03** Aggregate mining operators shall be discouraged from mining or conducting mining-related functions within 0.25 mile of an existing residential area, unless mitigation measures will successfully reduce impacts to an acceptable level as determined in the review process. (ARP-3)

**Policy 3.10.04** Off channel mining shall be discouraged on prime agricultural soils in areas of Class I and II soils (defined by the NRCS), unless the County determines that the site is not suitable as agricultural land, or otherwise determines that aggregate

mining is a higher or better use of the site. Where mining of Class I and II soils is allowed, require reclamation to agricultural use. (ARP-4)

**Goal 3.11** Encourage the location of interim compatible uses such as recreation, watershed, agriculture, flood control and open space/habitat in areas of aggregate resources. (ARG-3)

**Goal 3.12** Encourage and support innovative mining techniques which prevent or minimize adverse environmental effects. (ARG-4)

**Policy 3.12.01** Maintain and enhance, where feasible, natural creek systems and floodways capable of conveying flood waters to minimize risk to essential channel features. Mining activities causing excessive erosion shall not be permitted. (ARP-5)

**Policy 3.12.02** Locate haul routes and points of ingress and egress away from sensitive receptors when possible. (ARP-26)

**Policy 3.12.03** Maintain acceptable noise levels at property lines of mining sites consistent with the policies of the County General Plan. (ARP-27)

**Policy 3.12.04** Require that mining plans be designed to locate mining components at the site in order to take advantage of opportunities to use natural site features to reduce noise impacts. (ARP-28)

**Policy 3.12.05** Require temporal or seasonal limits on mining activities when necessary to reduce noise to acceptable levels. (ARP-29)

**Policy 3.12.06** Require as a part of applications for mining permits, a cultural resources survey of areas proposed for mining, and a plan for avoidance or protection of archaeological and historical sites. (ARP-39)

**Policy 3.12.07** Establish mitigation fees for development which does not compensate for environmental impacts. (NRP-72)

**Goal 3.13** Minimize changes to stream channels such as channel degradation, sediment loss, bank erosion, channel widening and dewatering that can be caused by mining activities. (ARG-5)

- Policy 3.13.01** Support programs that promote maintenance and/or restoration of the stream channel. (ARP-6)
- Policy 3.13.02** A determination that the total volume of aggregate removed from the site will not exceed the recharge capacity of the stream at the location of the mine site shall be required prior to the issuance of a mining permit. (ARP-7)
- Policy 3.13.03** To control erosion, in-channel quarry slopes should be mined, maintained and reclaimed in a stable configuration.
- Removal of banks;
  - Extraction in excess of recharge;
  - Extraction below the thalweg;
  - Straightening or smoothing of the stream channel;
  - Improper thalweg realignment; and
  - Alteration to bedload transport equilibrium. (ARP-8)
- Policy 3.13.04** Establish an average annual transport budget and allowable extraction limit that permits in-stream extraction without permanent long-term streambed aggradation or degradation. (ARP-9)
- Policy 3.13.05** Maintain a balance in stream channels between aggradation and degradation that reflects the natural replenishment of aggregate by managing aggregate production so that only the net accumulation of aggregate is extracted. (ARP-10)
- Policy 3.13.06** Mining and mining related activities shall be limited to a depth above the thalweg or redline specified for each project. In-stream mining operations shall be required to mine above the thalweg. (ARP-11)
- Policy 3.13.07** Mining in creek reaches which have regularly experienced channel degradation shall be limited to that which is necessary for erosion control or flood protection. (ARP-12)
- Policy 3.13.08** The use of surface waters as wash water for processing aggregate shall not be allowed to put riparian habitat or fisheries at risk, or deprive downstream water users of their allotted shares. (ARP-13)
- Policy 3.13.09** Mining activities shall be operated and reclaimed in a manner which protects surface waters from erosion induced turbidity and sedimentation. (ARP-14)

- Policy 3.13.10** Mining operations shall be designed and operated to protect groundwater recharge areas from infiltration of contaminants and to maintain recharge capacity. (ARP-15)
- Policy 3.13.11** Require that mining plans include measures to ensure that mining does not adversely affect existing in-stream infrastructure, including bridge structures, abutments, and approaches. (ARP-48)
- Policy 3.13.12** Mining plans shall include measures to ensure that mining activities will not adversely impact existing in-stream canal systems, siphons, or appurtenant structures. (ARP-49)
- Goal 3.14** Eliminate or minimize hazards to public health and safety associated with mining. (ARG-6)
- Policy 3.14.01** Assure that aggregate materials can be transported without significant reductions in level of service, public safety and road conditions. (ARP-22)
- Policy 3.14.02** Points of ingress/egress from mining sites to public roads shall be constructed to allow large trucks to enter and leave the site with minimal interference to traffic. These access points shall have the appropriate signage posted, acceleration and deceleration lanes, turn lanes and other safety features installed, where needed, to further reduce traffic hazards. (ARP-23)
- Policy 3.14.03** Aggregate material (including raw material as well as finished products such as asphalt and concrete) shall not be transported on any roads which are not designed for heavy truck traffic. (ARP-24)
- Policy 3.14.04** Mine operators shall be responsible for the safe operation and proper maintenance of vehicles used by employees and/or subcontractors, or others hauling or purchasing aggregate under contract to the operator. (ARP-25)
- Policy 3.14.05** Assure public health and safety through the proper handling, storage and disposal and management of fuels, oils, and other potential contaminants used for mining operations. The preparation of a Business Plan and Spill Prevention and Counter Measure Plan shall be required from every new aggregate mine operator in the County. (ARP-30)
- Policy 3.14.06** Coordinate project review with the Air Pollution Control District. (ARP-31)
- Policy 3.14.07** Mining projects shall incorporate measures to adequately reduce dust emissions. (ARP-32)

- Policy 3.14.08** Ensure that sensitive air quality receptors are not subjected to significant levels of air emissions from mining projects. Sensitive air quality receptors include hospitals, schools, and recreation areas. (ARP-33)
- Goal 3.15** Ensure that mined areas are reclaimed to a useable condition. (ARG-7)
- Policy 3.15.01** Prime farmland used for agricultural production prior to mining shall be returned to agricultural production upon reclamation. (ARP-40)
- Policy 3.15.02** Encourage agricultural production on reclaimed land where appropriate. Also, in areas where operators are mining in phases, encourage agriculture as an interim use. (ARP-41)
- Policy 3.15.03** Allow aggregate mining on land under Williamson Act contract only when prime farmland will be reclaimed to prime agricultural use following reclamation. Non-prime farmland under contract may be reclaimed to agriculture or other appropriate open space uses, including wildlife habitat. (ARP-42)
- Policy 3.15.04** Require that adequate security be posted to ensure that surface mining reclamation plans are implemented. (NRP-75)
- Goal 3.16** Provide for effective and systematic reclamation and monitoring of aggregate mining projects. (ARG-8)
- Policy 3.16.01** Reclamation plans for mining sites in areas where fish, wildlife or plant habitat will be, or has been, adversely affected shall incorporate designs with confidence levels for successful establishment of habitat. (ARP-43)
- Policy 3.16.02** New wildlife habitat creation shall be encouraged when possible as a part of reclamation, even if mining operations have not damaged existing habitat. (ARP-44)
- Policy 3.16.03** Reclamation plans that include the establishment of native plant communities shall be encouraged. (ARP-45)
- Policy 3.16.04** Financial assurances for the success of reclamation plans shall provide sufficient funds for monitoring, maintenance and/or replacement of revegetation until successful revegetation has been achieved. A schedule for periodic monitoring, at established intervals, shall be included to effectively monitor the revegetation

program. (ARP-46) [Require that adequate security be posted to ensure that surface mining reclamation plans are implemented. (NRP-75)]

**Goal 3.17** Reduce conflicts and environmental effects where associated with in-channel mining, by encouraging alternatives such as off-channel mining and aggregate recycling. (ARG-9)

**Policy 3.17.01** Require that mining projects be designed to avoid significant direct and indirect loss of, or damage to riparian habitat, wetlands, and/or other biologically sensitive habitat without appropriate mitigation. (ARP-16)

**Policy 3.17.02** Rare, threatened or endangered plant and wildlife populations that may be located within areas where aggregate mining currently occurs or in areas containing significant aggregate resources that would likely be developed in the future, shall be identified. Require mapping of these areas and measures to avoid them or provide compensation through habitat reserves, reclamation/revegetation and/or other appropriate mitigation. (ARP-17)

**Policy 3.17.03** Coordinate with the Bureau of Reclamation in its implementation of the Lower Stony Creek Fish, Wildlife, and Water Use Management Plan. (ARP-18)

**Policy 3.17.04** Limit mining in environmentally sensitive areas to flood control, erosion control, and wildlife habitat enhancement. (ARP-19)

**Policy 3.17.05** Encourage mining to take place off channel. For in-channel mining, encourage projects that minimize significant adverse effects to creeks or emphasize restoration of previously damaged creeks. (ARP-20)

**Policy 3.17.06** Require that mineral extraction operations within streams as well as dry land deposits be performed in a way that is compatible with surrounding land uses, does not adversely affect the environment, and which mitigates related impacts through site-specific mitigation measures. (NRP-71)

**Goal 3.18** Maintain Glenn County's scenic quality while ensuring continued development of aggregate resources. (ARG-10)

**Policy 3.18.01** Require that mining plans include measures to minimize impacts on scenic

viewsheds by shielding mining operations (pits, equipment storage, stockpiles, etc.) from highways, residential neighborhoods and other adjacent sensitive land uses. (ARP-21)

**Policy 3.18.02** Require that reclamation plans be prepared so that the result is a net gain in visual quality. This can be accomplished through reclamation to agricultural use, water resources, riparian habitat or vegetated open space. (ARP-47)

## ENERGY RESOURCES

**Goal 3.20** Conservation and protection of ~~non-renewable mineral and~~ energy resources. (NRG-5)

**Policy 3.20.01** Support and encourage Glenn County residents to pursue lifestyles that make the most of efficient use of all natural resources, especially energy; improved construction practices will provide for energy efficiency in all new construction and remodeling. (EEG-1)

**Policy 3.20.02** Support the natural gas industry while ensuring that its operations are carried out in a safe and environmentally responsible manner; (NRP-78) and protect gas fields from incompatible development and encroachment through appropriate land-use planning (NRP-79) by considering the location of gas wells when drafting urban limit lines or considering approval of urban development. (NRP-80)

**Policy 3.20.03** Entertain proposals for additional hydroelectric development and biomass energy conversion, subject to ~~the siting policies contained in the Energy Element of the General Plan.~~ (NRP-81) [Sponsor and support bio-fuels, and increased utilization of methane digester. (GCRCD GOAL 1) Encourage the reduction of disincentives to bio-fuel plants and reduce the problems of becoming incorporated into the grid. (GCRCD GOAL 2)]