



**GENERAL PLAN  
APPENDICES**

**2017 Humboldt County General Plan Appendices  
Board of Supervisors Hearing Draft**

**October 23, 2017**

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# Humboldt County General Plan

## Board of Supervisors Hearing Draft

### October 23, 2017

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# Part 5 – Appendices

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## *Overview*

Part 5 includes the Implementation Action Plan, Glossary and Definitions, Community Area Plans Policy Extract, Reference List, Coastal Plans and Map Book.

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# Appendix A Implementation Action Plan

## Introduction

Each element of the General Plan contains background information and a series of goals, policies standards and implementation measures. It is the responsibility of the County to implement the General Plan through its actions. According to California Government Code Section 65103, the County is required to “implement the general plan through actions including, but not limited to, the administration of specific plans and zoning and subdivision ordinances.” Implementation of the General Plan will require a multifaceted approach given the scope of the General Plan and the County’s diverse communities and geographic scope.

## Implementation Action Plan

For the most part, the implementation measures in the General Plan are programs, steps or processes intended to help achieve the outcomes defined by the goals and policies of each element. However, the County must take additional steps to implement each action. In this Implementation Plan, each action is organized to reflect the overarching goal and policy of a General Plan Element. In some instances, policies and standards are not directly associated with an implementation measure, such policies and standards are listed and the implementing actions are identified as though they are implementation measures. The General Plan contains a total of 224 implementation measures. In addition, the General Plan contains 170 policies and 77 standards that are not directly associated with an implementation measure.

The Implementation Action Plan arranges implementation measures in the Chapter order of the General Plan. The implementation measures are presented in a table that identifies the method of implementation, responsibility for implementation, timing of implementation, cost of implementation as well as the policies in the corresponding General Plan element.

## Implementation Phases

### Immediate and Ongoing Actions

Some of the implementation measures, policies, and standards that do not have associated implementation measures, will be implemented immediately as part of project review and these actions will occur on an ongoing basis. Examples include S-PX1, Site Suitability, where new development may only be approved if it can be demonstrated that the proposed project will neither create nor significantly contribute to, or be impacted by, geologic instability or geologic hazards.

The Implementation Action Plan identifies approximately 70 percent of the implementation measures as being implemented immediately or on an ongoing basis. Although some of the implementation measures that are identified as being implemented immediately or on an ongoing basis also involve an amendment to the Zoning or Building Regulations, Current Planning staff can refer to these policies or standards during the review of a proposed development project.

**Within 1 to 2 Years**

The first two years following the adoption of the General Plan will involve some of the most critical implementation programs. Among the most important will be the Zoning Map amendments to resolve Zone Classification/General Plan Land Use inconsistencies resulting from the General Plan Update and the precise Zoning Map amendments to apply appropriate Zone Classifications to areas currently zoned Unclassified. In addition, there will be need to make amendments to the Zoning Regulations to modify regulations changes by the General Plan Update such as Streamside Management Area regulations, and to implement new Zone Classifications such as the new mineral resources (MR) combining zone. State planning guidelines suggest that these changes that relate to General Plan consistency should be completed within two years.

**Within 5 Years**

During the first two to five years after the adoption of the General Plan, broader planning will take place to implement new programs to facilitate commercial development, streamline permitting, and to protect important resources. Examples include;

- FR-IM8. Streamline County Forest Management Regulatory Requirements. Develop streamlined processes for hazard tree removal, fire safety hazard reduction, and other forest management activities under County jurisdiction.
- UL-P3. Streamlined Approval of Business Expansion. The County shall streamline the approval process for business development.
- WR-IM1. Critical Water Supply and Watershed Area Ordinance. Prepare and adopt an ordinance to implement Critical Water Supply and Watershed Area policies.

For each implementation measure, and policy and standard not directly associated with an implementation measure, the following actions are identified (the following tables contain abbreviations of the following):

**Method of Implementation:**

- Amendment to the Zoning or General Plan Map
- Amendment to the Zoning Regulations
- Amendment to other County Codes that govern development (Subdivision, Building, Water & Sewage Regulations etc.)
- Preparation of an additional Plan or Study
- Legislative Advocacy / Seeking Grants
- Core County Service
- Project Review

- Building (Building Inspection staff of the Planning and Building Department)
- OES (Humboldt County Sheriff’s Office of Emergency Services)
- Board of Supervisors
- County Administration (County Administrative Office)
- RREDC or Regional Group (Redwood Region Economic Development Commission or other regional economic organizations)
- HCAOG (Humboldt County Association of Governments)
- RCEA (Redwood Coast Energy Authority)
- Public Works (Public Works Department in general)

**Responsibility for Implementation**

- Planning/ Administration (Planning and Building Department in general)
- Current Planning (staff of the Planning and Building Department)
- Long Range (staff of the Planning and Building Department)

**Responsibility for Implementation (continued)**

- PW Land Use (Public Works Land Use Division staff)
  - Environmental Health (Department of Health and Human Services, Public Health, Division of Environmental Health)
  - HRCDA/Agricultural Commissioner (Humboldt County Resource Conservation District or Agricultural Commissioner)
  - Fire Safe Council (Humboldt County Fire Safe Council)
- \$50,000 - \$100,000
  - >\$100,000

**Timing of Implementation**

- Immediately
- Ongoing
- Annually
- Within 6 Months
- Within 1 Year
- Within 1 to 2 Years
- Within 2 to 5 Years
- Within 5 Years
- Every 5 Years
- At the time of subsequent Housing Element Updates

**Cost of Implementation**

- Covered by the County's normal operations budget
- TBD (to be determined)
- ~ \$100s
- ~ \$1,000s
- < \$10,000
- < \$50,000

2017 Humboldt County General Plan - Implementation Action Plan					
Text of Measure	Method	Responsibility	Timing	Cost Range	Policies Implemented
<b>Chapter 2 Public Guide</b>					
PG-IM1. Documents in Library	Core County Service	Long Range Planning	Immediately	~ \$100s	G-P1. Priority
PG-IM2. Orientation for Planning Commissioners	Core County Service	Planning/Administration	Ongoing	~ \$100s	PG-P3. Procedures for Clarity and Fairness
PG-IM3. Citizens Handbook	Core County Service	Planning/Administration	1 Year	< \$10,000	PG-P1. Planning Process Education, PG-P2. Method of Education, PG-S3. Public Education, G-SX. Citizens Handbook, G-S4. Public Education
<b>Chapter 3 Governance</b>					
G-IM1. Progress Reports	Core County Service	Long Range Planning	Annually	Normal Operations	G-P1. Priority
G-IM2. Budget Allocations	Core County Service	Planning/Administration	Annually	Normal Operations	G-P1. Priority, G-P28. Adequate Resources
G-IM3. Update Schedule	Core County Service	Long Range Planning	Every 5 Years	< \$10,000	PG-P6. Community Plans, G-P7. Periodic Review
G-IM4. Consistency Review of Ordinances for Plan Amendments	Zoning Regulations	Long Range Planning	Ongoing	TBD	G-P1. Priority
G-IM5. Meaningful Participation	Core County Service	Planning/Administration	Ongoing	~ \$1,000s	PG-P7. Community Input, PG-P11. Public Hearings, G-P10. Public Participation
G-IM6. City-State-County Coordination	Core County Service	Planning/Administration	Ongoing	Normal Operations	G-P12. City-State-County Coordination, G-P13. City General Plans, G-P14. Joint Planning
G-IM7. Water Service Provider Coordination	Core County Service	Long Range Planning	Ongoing	Normal Operations	G-P15. Water Service Provider Coordination, IS-P1. Coordination with Service Providers
G-IM8. Public Works Projects	Core County Service	Public Works	Annually	Normal Operations	IS-P26. County Facilities

2017 Humboldt County General Plan - Implementation Action Plan					
Text of Measure	Method	Responsibility	Timing	Cost Range	Policies Implemented
G-IM9. Real Property Transfers and Street Abandonment	Core County Service	Public Works	Ongoing	Normal Operations	G-P18. Public Works Projects, G-P19. Real Property Transfers and Street Abandonment
G-IM10. Capital Improvement Plans	Core County Service	Long Range Planning	Ongoing	Normal Operations	G-P20. Capital Improvement Plans, IS-P19. Water and Wastewater System Capital Improvement Programs
G-IM11. Regional Transportation Plan	Core County Service	Public Works	Ongoing	Normal Operations	G-P21. Regional Transportation Plan
G-IM12. Improvement Projects	Core County Service	Planning/Administration	Ongoing	Normal Operations	IS-P26. County Facilities
G-IM13. Customer Service Training and Satisfaction	Core County Service	Planning/Administration	Annually	~ \$1,000s	G-P25. Continuous Improvement, G-P26. Customer Service
G-IM14. Custom Permit Processes	Zoning Regulations	Planning/Administration	1 Year	< \$10,000	G-P27. Customized Permit Processes
G-IM15. Performance Measurement	Core County Service	Planning/Administration	Annually	Normal Operations	G-P26. Customer Service
G-IM16. Citizen Handbook	Core County Service	Planning/Administration	1 Year	< \$10,000	PG-IM3. Citizens Handbook
G-IM17. Improve Public Participation With New Technology	Core County Service	Planning/Administration	Ongoing	Normal Operations	PG-P9. Public Notification of Planning Commission Meetings, G-PX. Evaluations
G-IMX. Evaluation of Public Participation Process	Core County Service	Planning/Administration	Ongoing	Normal Operations	PG-P9. Public Notification of Planning Commission Meetings, G-PX. Evaluations
<b>Chapter 4 Land Use Element – Growth Planning</b>					
GP-IM1. Community Plans and Boundaries	Core County Service	Long Range Planning	Housing Element Update	< \$50,000	G-P5. Community Plans, GP-P1. Maintain Community Plans, GP-S1. Characteristics of Community Plan Areas, GP-S2. Designation of Community Plan Areas, IS-P13. District Boundaries, Spheres of

2017 Humboldt County General Plan - Implementation Action Plan					
Text of Measure	Method	Responsibility	Timing	Cost Range	Policies Implemented
					Influence, and Community Plans
GP-IM2. Map Urban Development Areas	Zoning or Plan Map Revision	Long Range Planning	1 to 2 Years	< \$50,000	GP-P2. Urban Development Areas, GP-P4. Urban Service Area, GP-S4. Urban Development Area, UL-P1. Urban Development Areas
GP-IM3. Map Urban Expansion Areas.	Zoning or Plan Map Revision	Long Range Planning	1 to 2 Years	< \$10,000	GP-P8. Urban Expansion Areas, GP-P9. Urban Expansion Area Review, GP-P11. Evaluation of Urban Expansion Area Proposals, GP-S6. Urban Expansion Area, GP-S7. Required Findings for Urban Expansion
GP-IM4. Map Water Service Areas	Zoning or Plan Map Revision	Long Range Planning	1 to 2 Years	< \$10,000	GP-S5. Urban Service Area, GP-S10. Water Service Areas
GP-IM5. Urban Service Coordination	Core County Service	Long Range Planning	1 to 2 Years	< \$10,000	GP-S3. Public Wastewater Service
Chapter 4 Land Use Element – Urban Lands					
UL-IM2. Neighborhood and Town Centers	Zoning Regulations	Long Range Planning	1 to 2 Years	< \$10,000	UL-P6. Mixed-Use Zoning, UL-P7. Neighborhood and Town Centers, UL-S1. Allowed Uses in Mixed-Use Areas
UL-IM3. Business Opportunity Zones	Zoning Regulations	Long Range Planning	1 to 2 Years	< \$10,000	UL-S3. Business Opportunity Zones
UL-IM4. Support for Micro and Small Business Development	Zoning Regulations	Long Range Planning	1 to 2 Years	< \$10,000	UL-P4. Support for Micro and Small Business Development
UL-IM5. Sites for Commercial Development	Zoning or Plan Map Revision	Long Range Planning	Ongoing	TBD	UL-P7. Neighborhood and Town Centers, ED-P13. Prime Employment Land Protection, ED-P14. Industrial and Business Parks
UL-IM6. Revisions to the Non-Conforming Use and Structures Standards	Zoning Regulations	Long Range Planning	1 to 2 Years	< \$10,000	ED-IM10. Brownfields

2017 Humboldt County General Plan - Implementation Action Plan					
Text of Measure	Method	Responsibility	Timing	Cost Range	Policies Implemented
UL-IM7. Review and Update the Subdivision Ordinance	Other Development Code Revisions	Long Range Planning	1 to 2 Years	< \$10,000	UL-P2. Streamlined Subdivision Approval
UL-IM8. Review and Update Design Review Ordinance and Areas	Zoning Regulations	Long Range Planning	5 Years	< \$50,000	UL-P12. Design Review
UL-IM11. Review and Update the Sign Ordinance	Zoning Regulations	Long Range Planning	5 Years	< \$50,000	UL-G2. Design and Function
UL-IM12. Simplify the Zoning Ordinance with Illustrations and Matrices	Zoning Regulations	Long Range Planning	5 Years	< \$50,000	G-G5. Effective Permit Processing
UL-IM13. Revisions to the Zoning Ordinance to Regulate Big Box Commercial Uses	Zoning Regulations	Long Range Planning	5 Years	< \$10,000	UL-P13. Big Box Design, UL-S4. Definition of a "Big-Box" Retail Store
UL-IM14. Adult Entertainment Ordinance	Zoning Regulations	Long Range Planning	5 Years	< \$10,000	UL-P14. Adult Entertainment Establishments, UL-S5. Standards for Adult Entertainment Establishments
UL-IM15. Cannabis Cultivation and Dispensary Ordinance	Zoning Regulations	Long Range Planning	5 Years	< \$10,000	UL-P21. Cannabis Cultivation
<b>Chapter 4 Land Use Element – Rural Lands</b>					
RL-IM1. Inventory of Rural Residential Lands	Core County Service	Long Range Planning	Housing Element Update	Normal Operations	GP-G1. Land Inventory and Service Availability
RL-IM2. Identification of Substandard Roads	Zoning or Plan Map Revision	Long Range Planning	5 Years	< \$50,000	RL-P5. Road Constraints and Rural Development
<b>Chapter 4 Land Use Element – Agricultural Resources</b>					
AG-IM1. Develop Planned Rural Development Program	Zoning Regulations	Long Range Planning	5 Years	< \$10,000	RL-P7. Clustered Rural Residential Development, AG-P1. Planned Rural Development, AG-S4. Planned Rural Development Program Clustering Incentive Options

2017 Humboldt County General Plan - Implementation Action Plan					
Text of Measure	Method	Responsibility	Timing	Cost Range	Policies Implemented
AG-IM2. Manage an Agricultural Conservation Program	Core County Service	Planning/Administration	5 Years	\$50,000 - \$100,000	AG-P3. Support the Williamson Act Property Tax Incentive Program, AG-P5. Conservation of Agricultural Lands, AG-P7. Agricultural Production in Conservation Areas, AG-P10. Support Land Trusts
AG-IM3. Supplemental Farm Income	Zoning Regulations	Long Range Planning	5 Years	< \$10,000	AG-P4. Supplemental Farm Income
AG-IM4. No Net Loss of Prime Agricultural Lands	Zoning Regulations	Long Range Planning	5 Years	< \$10,000	AG-P6. Agricultural Land Conversion - No Net Loss, AG-Pxx. Protect Productive Agricultural Soils
AG-IM5. Monitor Conversion of Agricultural Lands	Core County Service	Long Range Planning	Annually	Normal Operations	AG-Px. Compliance with Regulations
AG-IM6. Williamson Act Contracts	Core County Service	Current Planning	Annually	~ \$1,000s	AG-P3. Support the Williamson Act Property Tax Incentive Program
AG-IM7. Economic Development Assistance	Core County Service	County Administration	Ongoing	TBD	AG-P4. Supplemental Farm Income
AG-IMx. Compliance with Regulations	Core County Service	Planning/Administration	Ongoing	< \$10,000	AG-P13. Agricultural Zoning and Parcel Size, AG-S1. Subdivision of Planned Agricultural Exclusive (AE) Lands
<b>Chapter 4 Land Use Element – Forest Resources</b>					
FR-IM1. Advocate for Regulatory Reform	Core County Service	Planning/Administration	Ongoing	~ \$1,000s	FR-P1. Timberland Regulatory Review, FR-P3. Timber Management Regulations
FR-IM2. Develop Incentive Program to Encourage Timber Production and Ecosystem Values	Plan or Study	Long Range Planning	5 Years	< \$10,000	FR-P6. Tax Incentive Programs, FR-P12. Timberland Ownership
FR-IM3. Support Voluntary Conservation Programs	Core County Service	Planning/Administration	Ongoing	TBD	FR-P15. Conservation Easements
FR-IM4. Merger Ordinance Revisions	Other Development Code Revisions	Long Range Planning	1 to 2 Years	~ \$1,000s	FR-G1. Forest Resources

2017 Humboldt County General Plan - Implementation Action Plan					
Text of Measure	Method	Responsibility	Timing	Cost Range	Policies Implemented
FR-IM5. Develop Ordinance to Regulate Land Uses in TPZ lands	Zoning Regulations	Long Range Planning	5 Years	< \$10,000	FR-P8. Protection of High Quality Timberlands, FR-P9. Residential Construction on TPZ Zoned Parcels, FR-PX. Secondary Residential Construction on TPZ Zoned Parcels, FR-P10. Substandard Lots and TPZ Rezoning, FR-PX2. Landowner-initiated Rezoning of TPZ Parcels, FR-P11. Lot Line Adjustments, FR-P13. Planned Rural Development, FR-PX4. Right to Harvest, FR-S1. Planned Rural Development Program Clustering Incentive Options
FR-IM8. Streamline County Forest Management Regulatory Requirements	Zoning Regulations	Long Range Planning	5 Years	~ \$1,000s	FR-P18. Fire Safety Hazards
FR-IM9. Coordination of County and State Policies	Core County Service	Long Range Planning	Ongoing	Normal Operations	FR-P2. Timber Harvest Plan Review
FR-IM10. Review Standards and Process of Joint Timber Management Plans (JTMP)	Plan or Study	Long Range Planning	5 Years	< \$10,000	FR-P3. Timber Management Regulations
FR-IMX. Transfer of Development Rights (TDR) Program	Zoning Regulations	Long Range Planning	5 Years	< \$10,000	FR-PX3. Transfer of Development Rights (TDR) Program, CO-P1x. Transfer of Development Rights
<b>Chapter 5 Community Infrastructure and Services Element</b>					
IS-IM1. Coordination with Service Providers	Core County Service	Long Range Planning	Ongoing	Normal Operations	G-P16. Annexations, IS-P7. Mitigation of Cross-jurisdictional Impacts, IS-P14. Changes in District Boundaries, ED-P8. Public Infrastructure
IS-IM2. Adequate Public infrastructure and Services Standards	Zoning Regulations	Long Range Planning	5 Years	< \$50,000	IS-P3. Public Infrastructure and Services Standards, IS-S1. Adequate Public Infrastructure and Services Ordinance
IS-IM5. Fiscal Impact Assessment	Zoning Regulations	Current Planning	5 Years	< \$10,000	IS-P5. Fiscal Impact Assessment
IS-IM9. Reimbursement	Other Development Code	Long Range Planning	5 Years	< \$10,000	S-S1. Adequate Public Infrastructure and Services Ordinance

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Text of Measure	Method	Responsibility	Timing	Cost Range	Policies Implemented
	Revisions				
IS-IM10. State and Federal Legislation, Appropriations, and Grant and Loan Programs	Core County Service	Long Range Planning	Ongoing	Normal Operations	G-P24. Legislative Priorities, IS-P12. State and Federal Advocacy
IS-IM11. State and Federal Advocacy	Core County Service	Planning/Administration	Ongoing	Normal Operations	IS-P12. State and Federal Advocacy
IS-IM13. Drainage and Flood Control Plan	Plan or Study	Public Works	5 Years	< \$50,000	IS-P16. Drainage and Flood Control
IS-IM20. Fire Protection Levels of Service	Core County Service	Fire Safe Council	Ongoing	Normal Operations	S-P16. Level-of-Service Standards
IS-IM21. Standards of Fire Protection Response	Core County Service	Fire Safe Council	Ongoing	Normal Operations	IS-S1. Adequate Public Infrastructure and Services Ordinance
IS-IM22. County Service Area-Fire Protection	Core County Service	PW Land Use	Ongoing	Normal Operations	IS-S4. Subdivisions Outside of Fire District Boundaries, S-S5. Other Development Outside of Fire District Boundaries
IS-IM23. Fire Protection Municipal Service Review	Core County Service	Fire Safe Council	Every 5 Years	Normal Operations	S-P20. Fire Service Provider Support
IS-IM24. Monitor Infrastructure and Services Capacity	Core County Service	Long Range Planning	Ongoing	Normal Operations	IS-P8. Infrastructure and Services Capacity, IS-P9. Capacity of Facilities and Land Use Decisions, IS-S2. Service Inadequacies and Development Limitations
IS-IM25. Organization of Water and Wastewater Providers	Core County Service	Public Works	Ongoing	TBD	G-P15. Water Service Provider Coordination
IS-IM26. Sizing of Water and Wastewater Systems	Core County Service	Long Range Planning	Ongoing	Normal Operations	IS-S2. Service Inadequacies and Development Limitations

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Text of Measure	Method	Responsibility	Timing	Cost Range	Policies Implemented
IS-IM28. Use of Parkland and Fees	Core County Service	Planning/Administration	Ongoing	Normal Operations	CO-P5. Planning for Recreational Needs within Communities
IS-IM29. Parks and Recreation	Plan or Study	Long Range Planning	5 Years	~ \$1,000s	IS-S7. Parkland Requirements
IS-IM30. Street Lighting	Other Development Code Revisions	PW Land Use	5 Years	~ \$1,000s	IS-P25. Street Lighting, IS-S10. Street Lighting
IS-IMX. Public Facilities and Services Funding Sources	Plan or Study	Planning/Administration	5 Years	TBD	IS-G2. Sustainable Funding
IS-IMX2. Fire Protection Services Funding Sources	Core County Service	Fire Safe Council	Ongoing	Normal Operations	S-P20. Fire Service Provider Support
<b>Chapter 6 Telecommunications Element</b>					
T-IM1. Communications Facilities Ordinance	Zoning Regulations	Long Range Planning	5 Years	< \$50,000	T-P3. Communications Facility Siting, T-P10. Subdivision Improvement Requirements, T-S1. Communications Siting Standard
T-IM2. Broadband Deployment	Other Development Code Revisions	Long Range Planning	5 Years	~ \$1,000s	T-P2. Broadband Service Reliability, T-P7. Broadband Internet, T-P8. Broadband Internet, T-P17. Technology Awareness, ED-P7. Broadband Internet
T-IM3. Improvement Specifications within Road Rights-of-Way	Other Development Code Revisions	PW Land Use	5 Years	~ \$1,000s	T-P5. Communications Facilities Within County Rights of Way
T-IM4. Communications Infrastructure Inventory	Plan or Study	RREDC or Regional Group	5 Years	< \$50,000	T-G4. Communication Facilities.
T-IM5. Public Conduit	Plan or Study	Long Range Planning	5 Years	Normal Operations	T-P1. Development of Communications Infrastructure and Services

2017 Humboldt County General Plan - Implementation Action Plan					
Text of Measure	Method	Responsibility	Timing	Cost Range	Policies Implemented
T-IM6. Ongoing Communications Planning	Plan or Study	RREDC or Regional Group	5 Years	< \$10,000	T-P11. Joint Telecom Planning
T-IM7. Pre-Planning Facility Locations	Plan or Study	Long Range Planning	5 Years	< \$50,000	T-G4. Communication Facilities
T-IM8. Communications for Under Served Communities	Legislative/Grants	RREDC or Regional Group	Ongoing	TBD	T-P8. Broadband Internet
T-IM9. Broadband Reliability	Legislative/Grants	RREDC or Regional Group	Ongoing	TBD	T-P8. Broadband Internet
T-IM10. e-Government	Core County Service	County Administration	Ongoing	TBD	T-P4. e-Government Infrastructure
T-IMX. Remote Deployment Planning	Plan or Study	RREDC or Regional Group	5 Years	TBD	T-PX. Local Government Broadband Communications Services
T-IMX1. Increasing PEG Access	Plan or Study	RREDC or Regional Group	5 Years	TBD	T-PX1. PEG Access, T-PX. Local Government Broadband Communications Services
T-IMX2. Communication Marketing	Core County Service	RREDC or Regional Group	5 Years	TBD	T-P1. Development of Communications Infrastructure and Services
T-IMX3. Live Remote of Public Meetings	Legislative/Grants	County Administration	5 Years	TBD	T-PX1. PEG Access.
T-IMX4. Research Possible Monitoring Policy	Core County Service	Board of Supervisors	5 Years	TBD	T-S1. Communications Siting Standard
<b>Chapter 7 Circulation Element</b>					

2017 Humboldt County General Plan - Implementation Action Plan					
Text of Measure	Method	Responsibility	Timing	Cost Range	Policies Implemented
C-IM1. County-Wide Transportation Plan	Plan or Study	PW Land Use	5 Years	TBD	UL-P8. Neighborhood Connectivity, UL-P18. Traffic Calming, C-P11. Roadway Functional Classifications, C-PX5. County-Wide Transportation Plan, C-P27. Right-of-Way Design Standards, C-P28. Landscape Buffer Strips, C-P?. Encourage Bicycle and Pedestrian-Friendly Development, C-P47. Frontage Improvements, C-S1. Functional Classifications, C-S2. Neighborhood Connectivity, C-S5. Prioritizing Transportation Capital Expenditures, C-S10. Equestrian Trails
C-IM2. Tracking Road Improvement Requirements	Core County Service	PW Land Use	5 Years	TBD	C-S3. Traffic Thresholds of Significance
C-IM3. Road Abandonment	Project Review	Current Planning	Ongoing	Normal Operations	G-G1. Plan Implementation
C-IM4. Regional Coordination	Core County Service	Public Works	Ongoing	Normal Operations	C-P6. Jurisdictional Coordination and Integration
C-IM5. Roadway System Construction	Core County Service	Public Works	5 Years	Normal Operations	C-P17. Highway Improvements
C-IM7. Transit Infrastructure	Core County Service	Public Works	Ongoing	Normal Operations	C-P49. Bus Turnouts
C-IM8. Park and Ride Facilities	Core County Service	Public Works	Ongoing	Normal Operations	C-Pxx. Long Term Transit Plan
C-IM9. Adoption of Water Quality and Stream Habitat Protection Measures	Core County Service	Public Works	5 Years	Normal Operations	C-P19. Best Management Practices, WR-S9. County Facilities Management

2017 Humboldt County General Plan - Implementation Action Plan					
Text of Measure	Method	Responsibility	Timing	Cost Range	Policies Implemented
C-IM11. Transit Service to East, South and North County	Plan or Study	Public Works	5 Years	Normal Operations	C-P23. Public Transit Service
C-IM12. Pedestrian and Bicycle System Plan	Plan or Study	Long Range Planning	5 Years	< \$50,000	C-P26. Bicycles and Pedestrian Facilities in New Subdivisions, C-P29. Removal of Obstacles in Pathways, C-P31. Design Standards for All Pathways, C-S8. Pedestrian and Bicycle System, C-S9. Prioritization of Pedestrian and Bicycle Facilities and Routes
C-IMX. Joint Use of Traffic Models	Core County Service	PW Land Use	Ongoing	Normal Operations	C-P7. Joint Use of Traffic Models
C-IMX1. Humboldt County Transportation Travel Model	Core County Service	PW Land Use	Ongoing	Normal Operations	C-P7. Joint Use of Traffic Models
C-IMX2. Safe Routes To School	Core County Service	PW Land Use	Ongoing	Normal Operations	UL-P8. Neighborhood Connectivity
C-IMX3. Municipal Advisory Committee Review	Core County Service	Long Range Planning	Ongoing	Normal Operations	PG-P5. Citizen Committees
C-IMX4. Direct Driveway Access	Project Review	Current Planning	Ongoing	Normal Operations	C-S2. Neighborhood Connectivity
C-IMX5. Mapping of Rail Rights-of-Way as Railroad	Zoning or Plan Map Revision	Long Range Planning	1 to 2 Years	< \$10,000	C-P10. Rail Rights-of-Ways

2017 Humboldt County General Plan - Implementation Action Plan					
Text of Measure	Method	Responsibility	Timing	Cost Range	Policies Implemented
<b>Chapter 9 Economic Development Element</b>					
ED-IM1. Economic Development Strategy	Plan or Study	RREDC or Regional Group	Every 5 Years	TBD	ED-P1X. Economic Stability and Diversity
ED-IM2. Economic Development Programs	Core County Service	County Administration	Ongoing	Normal Operations	ED-P2. Job Growth and Workforce
ED-IM3. Disadvantaged Community Assistance Programs	Core County Service	County Administration	Ongoing	Normal Operations	ED-P15. Revitalization, ED-S3. Disadvantaged Communities
ED-IM4. Permit Streamlining for Business Growth	Plan or Study	Long Range Planning	5 Years	~ \$1,000s	UL-P3. Streamlined Approval of Business Expansion
ED-IMX. Regulatory Incentives for Emerging Industries	Plan or Study	County Administration	5 Years	TBD	G-IM14. Custom Permit Processes
ED-IM5. Commercial and Industrial Sites	Plan or Study	Long Range Planning	5 Years	TBD	ED-P13. Prime Employment Land Protection, ED-P14. Industrial and Business Parks
ED-IM6. Childcare	Zoning Regulations	Long Range Planning	5 Years	~ \$1,000s	ED-P4. Childcare, ED-S1. Childcare
ED-IM7. Large Format Retail	Plan or Study	Long Range Planning	5 Years	TBD	UL-P13. Big Box Design
ED-IM8. Transportation and Infrastructure	Core County Service	County Administration	5 Years	TBD	ED-P9. Freight Mobility, ED-P10. Rail, ED-P11. Port Development, ED-P12. Airport Service Expansion, ED-P12A. Airport-Related Business Development
ED-IM9. Special Economic Development Zones	Core County Service	County Administration	5 Years	TBD	UL-S3. Business Opportunity Zones
ED-IM10. Brownfields	Zoning Regulations	Long Range Planning	5 Years	TBD	ED-P16. Brownfields

2017 Humboldt County General Plan - Implementation Action Plan					
Text of Measure	Method	Responsibility	Timing	Cost Range	Policies Implemented
ED-IM1X. Support Entrepreneurial Business Systems Efficiency	Core County Service	County Administration	Ongoing	Normal Operations	ED-P1X. Economic Stability and Diversity
ED-IM4X. Economic Data Sharing	Core County Service	County Administration	Ongoing	Normal Operations	ED-P2. Job Growth and Workforce
ED-IM11X. Material Reuse	Plan or Study	RREDC or Regional Group	Ongoing	Normal Operations	WM-P1. Implementation of Waste Reduction Programs
<b>Chapter 10 Conservation and Open Space Elements – Open Space</b>					
CO-IM1. Conservation and Recreation Easement Program	Core County Service	Planning/Administration	5 Years	TBD	CO-P1xx. Open Space Acquisition, CO-P2. Support for Working Lands, CO-P3. Conservation Easements
CO-IM2. Working Landscapes	Legislative/Grants	Planning/Administration	5 Years	TBD	AG-P3. Support the Williamson Act Property Tax Incentive Program, CO-P2. Support for Working Lands
CO-IM3. Review of New Development for Impacts on Recreational Resources	Project Review	Public Works	5 Years	TBD	IS-S1. Adequate Public Infrastructure and Services Ordinance
CO-IM4. Pursuit of Funding	Legislative/Grants	Public Works	5 Years	TBD	CO-P6. Develop and Maintain County Parks
CO-IM5. Zoning Ordinance Revision for Open Space Consistency Determinations	Zoning Regulations	Long Range Planning	1 to 2 Years	< \$10,000	CO-S2. Identification of the Open Space Action Program, CO-S3. Conservation and Open Space Element Consistency Determination, CO-S4. Open Space Consistency Determination on Legal Non-Conforming Parcels, BR-P1. Compatible Land Uses
<b>Chapter 10 Conservation and Open Space Elements – Biological Resources</b>					
BR-IM1. Biological Resource Maps	Core County Service	Planning/Administration	Ongoing	Normal Operations	BR-P10. Biological Resource Maps

2017 Humboldt County General Plan - Implementation Action Plan					
Text of Measure	Method	Responsibility	Timing	Cost Range	Policies Implemented
BR-IM2. State and Federal Agency Permitting Coordination	Project Review	Current Planning	Ongoing	Normal Operations	G-S3. State and Federal Permitting Coordination, BR-P2. Critical Habitat, BR-P11. Agency Review
BR-IM3. Biological Review and Referral	Core County Service	Planning/Administration	Ongoing	~ \$1,000s	BR-P11. Agency Review
BR-IMx2. Wetlands Bank	Plan or Study	Long Range Planning	5 Years	TBD	BR-Pxxx. Wetlands Banking
BR-IMx3. Oak Woodlands Conservation Program	Plan or Study	Long Range Planning	5 Years	TBD	BR-P8. Oak Woodlands, BR-S12. Discretionary Review within Oak Woodlands
BR-IMx4. Modifications to the Streamside Management Area Ordinance	Zoning Regulations	Long Range Planning	1 to 2 Years	< \$10,000	WR-P30. Natural Stormwater Drainage Courses
<b>Chapter 10 Conservation and Open Space Elements – Mineral Resources</b>					
MR-IM1. Scientific Review of In-stream Mining	Project Review	Planning/Administration	Ongoing	TBD	MR-PX. Scientific Review of In-stream Mining
MR-IM2. Mapping of Mineral Deposits and Mine Sites	Core County Service	Planning/Administration	Ongoing	Normal Operations	MR-P3. Identify Mineral Deposits, MR-P8. Future Development Planning
MR-IM3. Development Consultant	Project Review	Planning/Administration	Ongoing	Normal Operations	MR-PX. Scientific Review of In-stream Mining
MR-IM4. Combining Zone	Zoning Regulations	Long Range Planning	2 to 5 Years	< \$10,000	MR-P3. Identify Mineral Deposits
MR-IM5. Coordination with the Air Quality Management District	Core County Service	Current Planning	Ongoing	Normal Operations	AQ-P7. Interagency Coordination
<b>Chapter 10 Conservation and Open Space Elements – Waste Management</b>					
WM-IM1. Local Enforcement Agency	Core County Service	Environmental Health	Ongoing	Normal Operations	WM-P2. Support Successful Programs

2017 Humboldt County General Plan - Implementation Action Plan					
Text of Measure	Method	Responsibility	Timing	Cost Range	Policies Implemented
WM-IM2. Solid Waste Management Authority	Core County Service	Environmental Health	Ongoing	Normal Operations	WM-P1. Implementation of Waste Reduction Programs, WM-P4. Information Sharing, WM-P5. Administrative Structure, WM-P7. Countywide Integrated Waste Management Plan (IWMP)
WM-IM3. Code Compliance	Core County Service	Environmental Health	Ongoing	Normal Operations	WM-P6. Illegal Waste Disposal
WM-IM4. Support for Waste Diversion and Recycling Operations	Core County Service	Environmental Health	Ongoing	Normal Operations	WM-Px. Support for Waste Diversion and Recycling Operations
<b>Chapter 10 Conservation and Open Space Elements – Cultural Resources</b>					
CU-IM1. Cultural Resources Ordinance and Advisory Committee	Zoning Regulations	Long Range Planning	2 to 5 Years	< \$10,000	CU-P1. Identification and Protection, CU-P2. Native American Tribal Consultation, CU-P2x. Consultation with Other Historic Preservation Agencies and Organizations, CU-P3. Avoid Loss or Degradation, CU-P4. Findings Necessary for Loss or Destruction, CU-P5. Mitigation, CU-S4. Conditioning, Designing, or Mitigating Projects to Avoid Loss or Reduce Impacts to Archaeological Resources, CU-S5. Assessment and Treatment of Impacts to Significant Historic Structures, Buildings and Districts, CU-Sxx. Cultural Resource Advisory Committee Recommendations and Mitigation
CU-IM3. Cultural Resources Designation	Plan or Study	Long Range Planning	5 Years	~ \$1,000s	UL-P9. Historic Resources
CU-IM4. Historic Building Code	Project Review	Current Planning	Ongoing	Normal Operations	CU-P1. Identification and Protection
CU-IM5. Historic Building Identification	Plan or Study	Long Range Planning	2 to 5 Years	< \$10,000	CU-P1. Identification and Protection

2017 Humboldt County General Plan - Implementation Action Plan					
Text of Measure	Method	Responsibility	Timing	Cost Range	Policies Implemented
CU-IMx. Map Resource Areas	Zoning or Plan Map Revision	Long Range Planning	5 Years	< \$10,000	CU-P1. Identification and Protection
<b>Chapter 10 Conservation and Open Space Elements – Scenic Resources</b>					
SR-IM1. Mapping of Scenic Areas and Scenic Highways	Plan or Study	Long Range Planning	5 Years	< \$50,000	CU-P1. Identification and Protection
SR-IM4. Sign Ordinance Revision	Zoning Regulations	Long Range Planning	5 Years	< \$10,000	SR-P7. Billboards in Sensitive Habitat Areas, SR-PXX. Vandalism of billboards, SR-S6. New Off-Premise Billboards, SR-SXX. Permits for Billboards
SR-IM5. Removal of Illegal Billboards	Plan or Study	HCAOG	Ongoing	TBD	SR-P8. Removal or Relocation of Billboards on Public Lands and Right-of-Ways in the Northwestern Pacific Railroad Right-of-Way, SR-P9. Removal of Illegal Billboards
SR-IM6. Wayfarers Signage	Plan or Study	Public Works	5 Years	TBD	SR-S3. Scenic Highway Standards
<b>Chapter 11 Water Resources Element</b>					
WR-IM1. Critical Water Supply and Watershed Area Ordinance	Zoning Regulations	Long Range Planning	2 to 5 Years	TBD	WR-P4. Critical Municipal Water Supply Areas, WR-P5. Critical Watershed Areas, WR-P22. Critical Water Supply Areas, WR-S1. Designation of Critical Water Supply and Watershed Areas, WR-S2. Development within Critical Water Supply Areas, WR-S3. Development within Critical Watershed Areas
WR-IM2. Critical Water Supply and Watershed Area Designation	Zoning or Plan Map Revision	Long Range Planning	3 to 5 Years	TBD	WR-P4. Critical Municipal Water Supply Areas, WR-P5. Critical Watershed Areas WR-P33. Restoration Projects
WR-IM3. Require Restoration of Degraded Areas	Core County Service	Current Planning	Ongoing	Normal Operations	WR-P33. Restoration Projects
WR-IM4. County Facilities	Core County Service	Public Works	Ongoing	Normal Operations	C-P21. State and Federal Consistency, WR-P9. County Facilities Management

2017 Humboldt County General Plan - Implementation Action Plan					
Text of Measure	Method	Responsibility	Timing	Cost Range	Policies Implemented
WR-IM5. Septic Systems	Core County Service	Environmental Health	Ongoing	Normal Operations	WR-P14. Pathogen and Nutrient Discharge from Septic Systems
WR-IM6. Permitting Coordination	Core County Service	Current Planning	Ongoing	Normal Operations	WR-P2. Protection for Surface and Groundwater Uses
WR-IM7. Basin Plan Septic Requirements	Other Development Code Revisions	Environmental Health	5 Years	Normal Operations	IS-P20. On-Site Sewage Disposal Requirements
WR-IMx. Graywater Re-use Standards	Other Development Code Revisions	Environmental Health	5 Years	Normal Operations	WR-G7. Effective Conservation Strategies
WR-IMx1. Update Water Quality Regulations	Other Development Code Revisions	Long Range Planning	2 to 5 Years	< \$10,000	BR-P4. Development within Stream Channels, BR-P5. Streamside Management Areas, BR-P6. Development within Streamside Management Areas, BR-P7. Wetland Identification, BR-S5. Streamside Management Areas Defined, BR-S6. Development within Stream Channels, BR-S7. Development within Streamside Management Areas, BR-S8. Required Mitigation Measures, BR-S9. Erosion Control, BR-S10. Development Standards for Wetlands, BR-S11. Wetlands Defined, WR-Px2. Mitigate Controllable Sediment Discharge Sites, WR-P8. Erosion and Sediment Discharge, WR-P10. Project Design
WR-IMx2. Unpermitted Development Ordinance for Critical Watersheds	Zoning Regulations	Long Range Planning	2 to 5 Years	< \$10,000	WR-P5. Critical Watershed Areas, WR-S3. Development within Critical Watershed Areas

2017 Humboldt County General Plan - Implementation Action Plan					
Text of Measure	Method	Responsibility	Timing	Cost Range	Policies Implemented
WR-IM8. Watershed Planning	Core County Service	Planning/Administration	Ongoing	Normal Operations	WR-P17. Watershed Planning
WR-IM9. North Coast Integrated Regional Water Management Planning	Core County Service	Public Works	Ongoing	Normal Operations	WR-P19. Regional Water Management Planning, WR-P20. State and Federal Watershed Initiatives
WR-IM10. TMDL Controllable Sediment Discharge Inventory and Reduction Program	Plan or Study	Public Works	5 Years	TBD	WR-S7. Total Maximum Daily Loads (TMDLs) Implementation
WR-IM11. Watershed Data	Plan or Study	Public Works	5 Years	TBD	WR-P17. Watershed Planning
WR-IM12. Sustainable Groundwater Plans	Core County Service	Public Works	Ongoing	Normal Operations	WR-P3. Proactive Protections
WR-IM13. Water Planning and Coordination	Core County Service	Long Range Planning	Ongoing	Normal Operations	WR-P17. Watershed Planning, WR-P18. Watershed and Community Based Efforts, WR-P23. Conservation and Re-use Strategy
WR-IM14. Watershed Planning with Public Land Managers	Core County Service	Long Range Planning	Ongoing	Normal Operations	WR-P17. Watershed Planning
WR-IM15. Coordinate and Support Watershed Efforts	Legislative/Grants	Public Works	Ongoing	TBD	WR-Pxx. Funding
WR-IM16. Basin Plan	Plan or Study	Public Works	Ongoing	TBD	
WR-IM17. Water Resources Funding	Legislative/Grants	Long Range Planning	Ongoing	TBD	WR-P17. Watershed Planning
WR-IM18. Facility Construction	Plan or Study	Long Range Planning	Ongoing	TBD	IS-P19. Water and Wastewater System Capital Improvement Programs
WR-IM19. Water Facilities Consistency with the General Plan	Core County Service	Long Range Planning	Ongoing	Normal Operations	G-P20. Capital Improvement Plans
WR-IM20. Technical Assistance Water Supply and Quality	Core County Service	Public Works	Ongoing	TBD	WR-P18. Watershed and Community Based Efforts

2017 Humboldt County General Plan - Implementation Action Plan					
Text of Measure	Method	Responsibility	Timing	Cost Range	Policies Implemented
WR-IM21. Long-term Water Supply Planning	Plan or Study	Long Range Planning	Ongoing	TBD	WR-P21. Sufficient Water Supply
WR-IM22. Promoting Water Conservation and Re-use	Project Review	Current Planning	Ongoing	Normal Operations	WR-P3. Proactive Protections
WR-IM23. Urban Water Management Plans	Core County Service	Long Range Planning	Ongoing	Normal Operations	WR-P21. Sufficient Water Supply
WR-IM25. Drainage Ordinance	Other Development Code Revisions	Long Range Planning	2 to 5 Years	TBD	WR-P29x. Implementation of NPDES Permit, WR-P31. Downstream Stormwater Peak Flows, WR-P32. New Drainage Facilities, WR-P34. Commercial and Industrial Activities, WR-P35. Oil/Water Separation, WR-P36. Erosion and Sediment Control Measures, WR-P37. Storm Drainage Design Standards, WR-P38. Storm Drainage Impact Reduction, WR-P39. Reduce Toxic Runoff, WR-S14. Storm Water Management
WR-IM26. Low Impact Development Methods	Project Review	Current Planning	Ongoing	Normal Operations	WR-P29x. Implementation of NPDES Permit
WR-IM27. Nutrient Discharge from Agricultural Operations	Legislative/Grants	HRCD/Agricultural Commissioner	Ongoing	Normal Operations	WR-P15. Nutrient Discharge from Agricultural Operations
<b>Chapter 12 Energy Element</b>					
E-IM1. Alternative Energy Use	Zoning Regulations	Long Range Planning	5 Years	< \$10,000	E-P14. Incentives for Using Alternative Energy, AQ-P12. Solar Electric System Capacity
E-IM2. Comprehensive Action Plan for Energy	Plan or Study	RCEA	2 to 5 Years	< \$10,000	E-P5. Regional Energy Authority
E-IM3. County Energy Consumption Reduction	Plan or Study	Public Works	2 to 5 Years	< \$50,000	E-P7. County Government Energy Consumption

2017 Humboldt County General Plan - Implementation Action Plan					
Text of Measure	Method	Responsibility	Timing	Cost Range	Policies Implemented
E-IM4. Install County Systems	Core County Service	Public Works	Ongoing	TBD	E-P7. County Government Energy Consumption
E-IM5. Wind Energy Development	Plan or Study	Long Range Planning	5 Years	TBD	E-P15. Renewable Energy Overlay Zones
E-IM6. Energy-conserving Landscaping	Zoning Regulations	Long Range Planning	5 Years	TBD	E-P11. Energy-efficient Landscape Design, E-P13. Water Efficiency
E-IM7. Small Hydroelectric Development	Plan or Study	RCEA	Ongoing	TBD	WR-P11. Small and Micro Hydroelectric, E-P3. Local Renewable Energy Supply
E-IM8. Energy Efficiency Standards	Zoning Regulations	Long Range Planning	2 to 5 Years	TBD	E-P1. Energy Conservation Standards and Incentives, AQ-P13. Energy Efficient Building Design
E-IM9. Develop Incentives for Private Sector	Plan or Study	RCEA	2 to 5 Years	TBD	E-P4. Transportation Energy Conservation and Alternative Fuels Substitution, AQ-P14. Electric Vehicle Accommodations
E-IM10. County Energy Efficiency and Renewable Energy Improvements Plan	Plan or Study	Public Works	5 Years	TBD	E-P7. County Government Energy Consumption
E-IM12. Existing Regulations	Other Development Code Revisions	Long Range Planning	5 Years	TBD	E-P3. Local Renewable Energy Supply
E-IM13. Renewable Energy Permitting Process	Zoning Regulations	Long Range Planning	1 to 2 Years	Normal Operations	E-P15. Renewable Energy Overlay Zones
E-IM14. Energy Conservation Ordinance	Zoning Regulations	Long Range Planning	5 Years	TBD	E-PX3. Residential Design
<b>Chapter 13 Noise Element</b>					
N-IM1. Noise Impact Combining Zone	Project Review	Current Planning	Ongoing	Normal Operations	N-S2. Noise Impact Combining Zones
N-IM2. Periodic Review of Combining Zones	Zoning or Plan Map Revision	Long Range Planning	Every 5 Years	TBD	N-S2. Noise Impact Combining Zones

2017 Humboldt County General Plan - Implementation Action Plan					
Text of Measure	Method	Responsibility	Timing	Cost Range	Policies Implemented
N-IM3. Compliance Program	Core County Service	Planning/Administration	Ongoing	Normal Operations	N-P1. Minimize Noise from Stationary and Mobile Sources
N-IM4. Noise from U.S. Highway 101 (U.S. 101) and State Highway 299	Plan or Study	Public Works	Ongoing	TBD	N-P3. Noise from U.S. Highway 101 (U.S. 101) and State Highway 299
N-IM5. Adoption of Performance Standards	Zoning Regulations	Long Range Planning	2 to 5 Years	< \$10,000	N-P1. Minimize Noise from Stationary and Mobile Sources, N-P4. Protection from Excessive Noise
N-IM7x. Noise Control Ordinance	Zoning Regulations	Long Range Planning	5 Years	< \$50,000	N-P4. Protection from Excessive Noise
N-IMx. Highways Noise Contours	Plan or Study	Board of Supervisors	Ongoing	Normal Operations	N-P3. Noise from U.S. Highway 101 (U.S. 101) and State Highway 299
N-IMx1. Airport Noise Contours	Zoning or Plan Map Revision	Long Range Planning	Ongoing	Normal Operations	N-S2. Noise Impact Combining Zones
<b>Chapter 14 Safety Element</b>					
S-IM1. Code Review	Zoning Regulations	Long Range Planning	5 Years	< \$10,000	S-G4. Fire Risk and Loss
S-IM2. Hazard Planning Information on the Internet	Core County Service	Planning/Administration	Ongoing	Normal Operations	S-P17. Fire District Boundary Maps
S-IM3. Drainage Ordinance	Plan or Study	Public Works	5 Years	< \$50,000	S-PX2. Prohibition of Residential Subdivisions within Floodplain, S-S5. Flood Regulations, S-S8. Flooding and Drainage Management Activities
S-IM4. Update County State Responsibility Areas (SRA) Fire Safe Regulations	Other Development Code Revisions	Long Range Planning	Ongoing	Normal Operations	S-P12. Joint Planning and Implementation, S-P13. Subdivision Design in High and Very High Fire Hazard Zones, S-P15. Conformance with State Responsibility Areas (SRA) Fire Safe Regulations

2017 Humboldt County General Plan - Implementation Action Plan					
Text of Measure	Method	Responsibility	Timing	Cost Range	Policies Implemented
S-IM5. Coordination with CAL FIRE on State Responsibility Areas (SRA) Exception Requests	Project Review	Current Planning	Ongoing	Normal Operations	S-P15. Conformance with State Responsibility Areas (SRA) Fire Safe Regulations
S-IM6. Master Fire Protection Plan (MFPP)	Plan or Study	Fire Safe Council	5 Years	TBD	S-P19. Fire Safe Education, S-S13. Master Fire Protection Plan
S-IM7. Funding Fire Planning Activities	Legislative/Grants	Fire Safe Council	Ongoing	Normal Operations	S-P20. Fire Service Provider Support
S-IM8. Local Hazard Mitigation Plan	Plan or Study	OES	Ongoing	Normal Operations	S-P5. Hazard Mitigation, S-P27. Pre-disaster Planning and Mitigation, S-P28. Hazard Mitigation Plan
S-IM8X. Flood Elevation Markers	Legislative/Grants	Public Works	Ongoing	TBD	S-P1. Reduce the Potential for Loss
S-IM9. Emergency Operations Plan	Plan or Study	OES	Ongoing	Normal Operations	S-P4. Disaster Response Plans, S-P29. Emergency Operations Capability, S-S17. Humboldt County Operational Area Office of Emergency Services (OES), S-S18. Consistency with State and Federal Framework
S-IM10. Geologic Reports Correction	Other Development Code Revisions	Building	Ongoing	TBD	S-S1. Geologic Report Requirements
S-IMX1. Probabilistic Tsunami Inundation Mapping	Plan or Study	Long Range Planning	5 Years	Normal Operations	S-P8. Earthquake Mitigation Planning
S-IMX2. Firewise Plants	Plan or Study	Fire Safe Council	Ongoing	Normal Operations	S-PX5. Protection of Native Plants
S-IMx3. Structural Hazards	Legislative/Grants	Board of Supervisors	Ongoing	TBD	S-P6. Structural Hazards

2017 Humboldt County General Plan - Implementation Action Plan					
Text of Measure	Method	Responsibility	Timing	Cost Range	Policies Implemented
S-IMX5. Airport Compatibility Zones	Zoning or Plan Map Revision	Long Range Planning	Ongoing	Normal Operations	S-P22. Airport Land Use Compatibility Criteria, S-P24. Airport Safety Combining Zone, S-S14. Airport Land Use Compatibility Plan
<b>Chapter 15 Air Quality Element</b>					
AQ-IM1. Review Attainment Plan Revisions	Plan or Study	Long Range Planning	Ongoing	Normal Operations	AQ-P7. Interagency Coordination
AQ-IM2. North Coast Air Quality Management Permitting Coordination	Project Review	Current Planning	Ongoing	Normal Operations	AQ-P3. Fireplace and Woodstove PM10 Emissions, AQ-P4. Construction and Grading Dust Control, AQ-P5. Air Quality Impacts from New Development, AQ-P7. Interagency Coordination, AQ-S2. Evaluate Air Quality Impacts
AQ-IM3. County-wide Climate Action Plan	Plan or Study	RCEA	Ongoing	TBD	AQ-P9. County Climate Action Plan
AQ-IM4. County Government Greenhouse Gas Emission Reductions	Plan or Study	County Administration	2 to 5 Years	TBD	AQ-P10. County Government Greenhouse Gas Emission Reductions
AQ-IM5. Greenhouse Gas Emissions	Zoning Regulations	Long Range Planning	2 to 5 Years	TBD	AQ-Sx. Evaluate Greenhouse Gas Emission Impacts
AQ-IMx. Review of Greenhouse Gas Emissions Impacts of New Development	Zoning Regulations	Long Range Planning	2 to 5 Years	TBD	AQ-Px. Review of Projects for Greenhouse Gas Emission Reductions, AQ-Sx. Evaluate Greenhouse Gas Emission Impacts
AQ-IM6. Programs to Reduce Air Quality Impacts of Wildland Fires	Core County Service	Fire Safe Council	Ongoing	Normal Operations	AQ-P8. Reduce Air Quality Impacts from Wildfires
AQ-IMx1. Transfer of Development Rights Program	Other Development Code Revisions	Long Range Planning	2 to 5 Years	TBD	AG-P2. Support Voluntary Purchase of Development Rights, AQ-Px1. Transfer of Development Rights

2017 Humboldt County General Plan - Implementation Action Plan					
Text of Measure	Method	Responsibility	Timing	Cost Range	Policies Implemented
AQ-IMx2. Reduce Air Quality Impacts from Surface Mining	Project Review	Current Planning	Ongoing	Normal Operations	AQ-P7. Interagency Coordination

2017 Humboldt County General Plan - Implementation Action Plan				
Policies and Standards Not Directly Associated with Implementation Measures				
Text	Method	Responsibility	Timing	Cost
<b>Chapter 2 Public Guide</b>				
PG-P14. Planning Commission Committees	Core County Service	Board of Supervisors	Ongoing	Normal Operations
PG-S1. Planning Advisory Committees	Core County Service	Board of Supervisors	Ongoing	Normal Operations
PG-S2. Community Advisory Committees	Core County Service	Board of Supervisors	Ongoing	Normal Operations
<b>Chapter 3 Governance</b>				
G-P2. Board of Supervisors Role	Core County Service	Board of Supervisors	Ongoing	Normal Operations
G-P3. Planning Commission Role	Core County Service	Board of Supervisors	Ongoing	Normal Operations
G-P4. Planning and Building Department's Role	Core County Service	Planning/Administration	Ongoing	Normal Operations
G-P6. Environmental Justice	Core County Service	Board of Supervisors	Ongoing	Normal Operations
G-P8. Required Findings and Criteria for Amendments	Project Review	Board of Supervisors	Ongoing	Normal Operations
G-P9. Errors in the Plan	Core County Service	Long Range Planning	Annually	Normal Operations
G-P11. Accessibility	Core County Service	Long Range Planning	Ongoing	Normal Operations

2017 Humboldt County General Plan - Implementation Action Plan				
Policies and Standards Not Directly Associated with Implementation Measures				
Text	Method	Responsibility	Timing	Cost
G-P17. Incorporation	Core County Service	Board of Supervisors	Ongoing	Normal Operations
G-P22. Tribal Government Coordination				
G-P23. Tribal General Plans	Project Review	Current Planning	Ongoing	Normal Operations
G-P25X. Military Training Routes	Project Review	Current Planning	Ongoing	Normal Operations
G-Px1. Common Sense Principle	Core County Service	Board of Supervisors	Ongoing	Normal Operations
G-S1. Environmental Justice	Project Review	Current Planning	Ongoing	Normal Operations
G-S2. Tribal Government Coordination				
G-S5. Planning Advisory Committees	Core County Service	Board of Supervisors	Ongoing	Normal Operations
G-S6. Community Advisory Committees	Core County Service	Board of Supervisors	Ongoing	Normal Operations
Chapter 4 Land Use Element – Growth Planning				
GP-P3. Urban Levels of Development	Project Review	Current Planning	Ongoing	Normal Operations
GP-P5. Connection to Public Wastewater Systems within Urban Service Areas	Project Review	Current Planning	Ongoing	Normal Operations
GP-P6. Use of On-Site Sewage Systems within Urban Development Areas	Project Review	Current Planning	Ongoing	Normal Operations
GP-P7. Connection to Public Water Systems	Project Review	Current Planning	Ongoing	Normal Operations
GP-P10. Conversion of Resource Lands				

2017 Humboldt County General Plan - Implementation Action Plan				
Policies and Standards Not Directly Associated with Implementation Measures				
Text	Method	Responsibility	Timing	Cost
GP-S9. Urban Reserve	Project Review	Current Planning	Ongoing	Normal Operations
<b>Chapter 4 Land Use Element – Urban Lands</b>				
UL-P3. Streamlined Approval of Business Expansion	Zoning Regulations	Long Range Planning	2 to 5 Years	< \$10,000
UL-P5. Community Identity	Project Review	Current Planning	Ongoing	Normal Operations
UL-P11. Natural Amenities	Project Review	Current Planning	Ongoing	Normal Operations
UL-P17. High Density Uses Near Parks	Zoning or Plan Map Revision	Long Range Planning	Ongoing	Normal Operations
UL-P19. Underground Utilities	Core County Service	Public Works	Ongoing	Normal Operations
UL-P20. Landscaping	Project Review	Current Planning	Ongoing	Normal Operations
UL-S6. Landscaping Standards	Project Review	Current Planning	Ongoing	Normal Operations
<b>Chapter 4 Land Use Element – Rural Lands</b>				
RL-P1. Compatible with Resource Production	Project Review	Current Planning	Ongoing	Normal Operations
RL-P2. Water Withdrawal	Project Review	Current Planning	Ongoing	Normal Operations
RL-P3. Rural Commercial Uses	Project Review	Current Planning	Ongoing	Normal Operations
RL-P4. Fire Safety Hazards	Core County Service	Planning/Administration	Ongoing	Normal Operations
RL-P6. Rural Development in the King Range	Project Review	Current Planning	Ongoing	Normal Operations
RL-S1. Compatibility with Timber and Agricultural Production	Project Review	Current Planning	Ongoing	Normal Operations

2017 Humboldt County General Plan - Implementation Action Plan				
Policies and Standards Not Directly Associated with Implementation Measures				
Text	Method	Responsibility	Timing	Cost
RL-S2. Subdivisions Near Identified Resource Lands	Project Review	Current Planning	Ongoing	Normal Operations
RL-S3. Cottage Industry Standards	Zoning Regulations	Long Range Planning	1 to 2 Years	< \$10,000
RL-S4. Subdivision Standards	Project Review	Current Planning	Ongoing	Normal Operations
<b>Chapter 4 Land Use Element – Agricultural Resources</b>				
AG-P8. Right to Farm or Harvest	Project Review	Current Planning	Ongoing	Normal Operations
AG-P9. Predator Control	Core County Service	HRCD/Agricultural Commissioner	Ongoing	Normal Operations
AG-P11. Support Vegetative Management Programs	Core County Service	Fire Safe Council	Ongoing	Normal Operations
AG-P12. Advice from Agricultural Community	Core County Service	Long Range Planning	Ongoing	Normal Operations
AG-P14. Residential Uses on Timberland Production Zone (TPZ) Lands within Agricultural Preserves	Project Review	Current Planning	Ongoing	Normal Operations
AG-S2. Agricultural Grazing (AG) Land	Project Review	Current Planning	Ongoing	Normal Operations
AG-S3. Subdivision of Planned Agricultural Grazing Lands	Project Review	Current Planning	Ongoing	Normal Operations
AG-S5. Historical Preservation	Project Review	Current Planning	Ongoing	Normal Operations
AG-S6. Resource Protection Acquisition Program	Project Review	Current Planning	Ongoing	Normal Operations
AG-SX. Prime Agricultural Land	Project Review	Current Planning	Ongoing	Normal Operations
<b>Chapter 4 Land Use Element – Forest Resources</b>				

2017 Humboldt County General Plan - Implementation Action Plan				
Policies and Standards Not Directly Associated with Implementation Measures				
Text	Method	Responsibility	Timing	Cost
FR-P4. Broader Use of Long-Term Timber Management Plan(s)	Core County Service	Board of Supervisors	Ongoing	Normal Operations
FR-P5. Forest and Rangeland Improvement Programs	Legislative/Grants	Board of Supervisors	Ongoing	Normal Operations
FR-P7. Innovative Forestland Programs	Core County Service	Board of Supervisors	Ongoing	Normal Operations
FR-P14. Public Utilities on TPZ Lands	Project Review	Current Planning	Ongoing	Normal Operations
FR-P16. Planned Compatible Uses	Project Review	Current Planning	Ongoing	Normal Operations
FR-P18. Fire Safety Hazards	Core County Service	Planning/Administration	Ongoing	Normal Operations
FR-P19. Maintain Public Roads	Core County Service	Public Works	Ongoing	Normal Operations
FR-S2. Forestland-Residential Interface (FRI)	Project Review	Current Planning	Ongoing	Normal Operations
FR-S3. State Clearance	Project Review	Project Review	Current Planning	Ongoing
FR-S4. Timberland Subdivisions	Project Review	Current Planning	Ongoing	Normal Operations
FR-SXX. Harvest Road Access Protection	Plan or Study	Public Works	2 to 5 Years	< \$50,000
<b>Chapter 4 Land Use Element – Public Lands</b>				
PL-P1. Management Plans	Core County Service	Board of Supervisors	Ongoing	Normal Operations
PL-P2. In-holdings	Project Review	Current Planning	Ongoing	Normal Operations
PL-P3. Acquisitions	Core County Service	Board of Supervisors	Ongoing	Normal Operations
PL-P4. Resource Production Lands	Core County Service	Board of Supervisors	Ongoing	Normal Operations

<b>2017 Humboldt County General Plan - Implementation Action Plan</b>				
<b>Policies and Standards Not Directly Associated with Implementation Measures</b>				
<b>Text</b>	<b>Method</b>	<b>Responsibility</b>	<b>Timing</b>	<b>Cost</b>
PL-P5. Eminent Domain	Core County Service	Board of Supervisors	Ongoing	Normal Operations
PL-P6. Planning Adjacent to Public Lands	Project Review	Current Planning	Ongoing	Normal Operations
PL-P7. Public Access	Project Review	Current Planning	Ongoing	Normal Operations
PL-P8. Private Ownership	Project Review	Current Planning	Ongoing	Normal Operations
<b>Chapter 5 Community Infrastructure and Services Element</b>				
IS-P4. Requirements for Discretionary Development	Project Review	Current Planning	Ongoing	Normal Operations
IS-PX. Out of Area Service to Address Threats to Public Health	Core County Service	Board of Supervisors	Ongoing	Normal Operations
IS-P15. Road and Drainage System Funding Sources	Plan or Study	Public Works	2 to 5 Years	< \$50,000
IS-P17. Law Enforcement	Core County Service	Long Range Planning	Ongoing	Normal Operations
IS-P18. Expanded Fire Protection Services	Core County Service	Board of Supervisors	Ongoing	Normal Operations
IS-P21. Parks and Recreation Service in Urban Development Areas	Core County Service	Board of Supervisors	Ongoing	Normal Operations
IS-P23. Private Recreation Facilities	Core County Service	Board of Supervisors	Ongoing	Normal Operations
IS-P27. County Library Facilities and Services	Core County Service	County Administration	Ongoing	Normal Operations
IS-P29. Conversion of School Facilities	Project Review	Current Planning	Ongoing	Normal Operations
IS-PX1. Building Permit Referrals	Project Review	Building	Ongoing	Normal Operations

<b>2017 Humboldt County General Plan - Implementation Action Plan</b>				
<b>Policies and Standards Not Directly Associated with Implementation Measures</b>				
<b>Text</b>	<b>Method</b>	<b>Responsibility</b>	<b>Timing</b>	<b>Cost</b>
IS-PX2. Fire Service Impacts from New Development	Project Review	Current Planning	Ongoing	Normal Operations
IS-S3. Infrastructure Project CEQA and NEPA Land Use Consistency Determinations	Project Review	Current Planning	Ongoing	Normal Operations
IS-S4. Subdivisions Outside of Fire District Boundaries	Project Review	Current Planning	Ongoing	Normal Operations
IS-S5. Other Development Outside of Fire District Boundaries	Project Review	Current Planning	Ongoing	Normal Operations
IS-S6. Water and Wastewater Service Commitment for Proposed Development Projects	Project Review	Current Planning	Ongoing	Normal Operations
<b>Chapter 6 Telecommunications Element</b>				
T-P1. Development of Communications Infrastructure and Services	Core County Service	Board of Supervisors	Ongoing	Normal Operations
T-PX2. County Right-Of-Way and Net Neutrality	Core County Service	Board of Supervisors	Ongoing	Normal Operations
T-P6. Telecommuting	Project Review	Current Planning	Ongoing	Normal Operations
T-P9. Workforce Development	Core County Service	County Administration	Ongoing	Normal Operations
T-P12. E-911	Core County Service	County Administration	Ongoing	Normal Operations
T-P13. Cable Franchise Ordinance	Core County Service	County Administration	Ongoing	Normal Operations
T-P14. Free internet Access	Core County Service	Board of Supervisors	Ongoing	Normal Operations

2017 Humboldt County General Plan - Implementation Action Plan				
Policies and Standards Not Directly Associated with Implementation Measures				
Text	Method	Responsibility	Timing	Cost
T-P15. Trip Reduction	Core County Service	Board of Supervisors	Ongoing	Normal Operations
T-P18. Localism	Core County Service	Board of Supervisors	Ongoing	Normal Operations
<b>Chapter 7 Circulation Element</b>				
C-P2. Consideration of Land Uses in Transportation Decision Making	Core County Service	Public Works	Ongoing	Normal Operations
C-P4. Mitigation Measures	Project Review	Current Planning	Ongoing	Normal Operations
C-P5. Level of Service Criteria	Project Review	Current Planning	Ongoing	Normal Operations
C-P8. Coordination Between County Agencies	Core County Service	Public Works	Ongoing	Normal Operations
C-Px. Circulation Planning for Bicycles, Pedestrians and Transit	Project Review	Public Works	Ongoing	Normal Operations
C-P9. Acceptance of Roads into the County Maintained Road System	Project Review	Public Works	Ongoing	Normal Operations
C-P13. Prioritization of Investments	Core County Service	Public Works	Ongoing	Normal Operations
C-P18. County Feedback to School Districts Regarding Transportation Planning	Core County Service	Public Works	Ongoing	Normal Operations
C-P22. Public Transit	Core County Service	Public Works	Ongoing	Normal Operations
C-Pxx. Long Term Transit Plan	Core County Service	Public Works	Ongoing	Normal Operations
C-P25. Multimodal Level of Service (LOS) and Quality of Service (QOS) Standards	Core County Service	Public Works	Ongoing	Normal Operations
C-P30. On-Street Parking	Core County Service	Public Works	Ongoing	Normal Operations

2017 Humboldt County General Plan - Implementation Action Plan				
Policies and Standards Not Directly Associated with Implementation Measures				
Text	Method	Responsibility	Timing	Cost
C-P32. Traffic Calming	Core County Service	Public Works	Ongoing	Normal Operations
C-P33. Protection of Designated Pedestrian and Bicycle Routes	Core County Service	Current Planning	Ongoing	Normal Operations
C-P34. Bicycle Facilities	Core County Service	Public Works	Ongoing	Normal Operations
C-P35. Preservation of Railroad Right-of-Ways	Core County Service	Public Works	Ongoing	Normal Operations
C-P36. Develop a Regional Trails System	Core County Service	Public Works	Ongoing	Normal Operations
C-P38. Channel Maintenance	Core County Service	Board of Supervisors	Ongoing	Normal Operations
C-P39. Commercial Fishing Facilities	Core County Service	Board of Supervisors	Ongoing	Normal Operations
C-P40. Public Infrastructure Supporting Private Investment	Core County Service	Board of Supervisors	Ongoing	Normal Operations
C-P41. Marine Transportation	Core County Service	Board of Supervisors	Ongoing	Normal Operations
C-P42. Re-establishing Regional Rail Service	Core County Service	Board of Supervisors	Ongoing	Normal Operations
C-P44. Expansion of Airline Service	Core County Service	Board of Supervisors	Ongoing	Normal Operations
C-P45. Commercial Areas	Project Review	Current Planning	Ongoing	Normal Operations
C-PX7. Highway Improvement	Core County Service	Board of Supervisors	Ongoing	Normal Operations
C-PX8. Discretionary Road Funds	Core County Service	Board of Supervisors	Ongoing	Normal Operations
C-S4. Pavement Management Criteria	Core County Service	Public Works	Ongoing	Normal Operations

<b>2017 Humboldt County General Plan - Implementation Action Plan</b>				
<b>Policies and Standards Not Directly Associated with Implementation Measures</b>				
<b>Text</b>	<b>Method</b>	<b>Responsibility</b>	<b>Timing</b>	<b>Cost</b>
C-S6. Prioritizing Road Maintenance Projects	Core County Service	Public Works	Ongoing	Normal Operations
C-S7. Transit, Bicycle, and Pedestrian Quality/Level of Service Standards	Core County Service	Public Works	Ongoing	Normal Operations
C-SX. Developer’s Preference	Project Review	Current Planning	Ongoing	Normal Operations
<b>Chapter 9 Economic Development Element</b>				
ED-P1. Financial Resources	Legislative/Grants	County Administration	Ongoing	Normal Operations
ED-P2. Job Growth and Workforce	Core County Service	Current Planning	Ongoing	Normal Operations
ED-P3. Affordable Housing	Core County Service	Board of Supervisors	Ongoing	Normal Operations
ED-P5. Aging Population	Plan or Study	Board of Supervisors	Ongoing	Normal Operations
ED-P18. Higher Education	Legislative/Grants	Board of Supervisors	Ongoing	Normal Operations
ED-P2X. Local Vendor Preference	Plan or Study	County Administration	1 to 2 Years	Normal Operations
ED-P3X. Value Added Manufacturing	Core County Service	Board of Supervisors	Ongoing	Normal Operations
ED-P4X. Tribal Government Partnership	Core County Service	Board of Supervisors	Ongoing	Normal Operations
ED-P5X. Telecommuting and Workforce Development	Core County Service	Board of Supervisors	Ongoing	Normal Operations
<b>Chapter 10 Conservation and Open Space Elements – Open Space</b>				
CO-P4. Community Separation	Project Review	Current Planning	Ongoing	Normal Operations

2017 Humboldt County General Plan - Implementation Action Plan				
Policies and Standards Not Directly Associated with Implementation Measures				
Text	Method	Responsibility	Timing	Cost
CO-P4X. Development within Community Separation Areas	Project Review	Current Planning	Ongoing	Normal Operations
CO-P7. Encourage Private Outdoor Recreation	Core County Service	Board of Supervisors	Ongoing	Normal Operations
CO-Px4. Public Recreation	Core County Service	Board of Supervisors	Ongoing	Normal Operations
CO-P8. Development Review	Project Review	Current Planning	Ongoing	Normal Operations
CO-S1. Identification of Local Open Space Plan	Core County Service	Long Range Planning	Ongoing	Normal Operations
CO-S5. Lot Line Adjustments on Resource Lands	Project Review	Current Planning	Ongoing	Normal Operations
CO-S6. Development in Community Separation Areas	Project Review	Current Planning	Ongoing	Normal Operations
CO-S7. Subdivisions in Community Separation Areas	Project Review	Current Planning	Ongoing	Normal Operations
CO-S7X. Location of Community Separation Areas	Plan or Study	Long Range Planning	5 Years	< \$50,000
Chapter 10 Conservation and Open Space Elements – Biological Resources				
BR-P9. Invasive Plant Species	Core County Service	Public Works	Ongoing	Normal Operations
BR-S1. Development Excluded from Sensitive Habitat Policies	Project Review	Current Planning	Ongoing	Normal Operations
BR-S2. Agency Consultation	Project Review	Current Planning	Ongoing	Normal Operations
BR-S3. Critical Habitat Defined	Project Review	Long Range Planning	Ongoing	Normal Operations
BR-S4. Sensitive Habitat Defined	Project Review	Long Range Planning	Ongoing	Normal Operations
BR-S13. Principally Permitted Accessory Use	Project Review	Current Planning	Ongoing	Normal Operations

2017 Humboldt County General Plan - Implementation Action Plan				
Policies and Standards Not Directly Associated with Implementation Measures				
Text	Method	Responsibility	Timing	Cost
<b>Chapter 10 Conservation and Open Space Elements – Mineral Resources</b>				
MR-P1. Production and Conservation	Core County Service	Board of Supervisors	Ongoing	Normal Operations
MR-P2. Right to Mine	Project Review	Current Planning	Ongoing	Normal Operations
MR-P4. Sand and Gravel Extraction and Mean Annual Recruitment	Project Review	Current Planning	Ongoing	Normal Operations
MR-P5. New Permit Applications on over-subscribed River Segments	Project Review	Current Planning	Ongoing	Normal Operations
MR-P7. Reclamation	Project Review	Current Planning	Ongoing	Normal Operations
MR-P9. Location of Mineral Haul Routes	Project Review	Current Planning	Ongoing	Normal Operations
MR-P10. Maintenance of Mineral Haul Routes	Project Review	Current Planning	Ongoing	Normal Operations
MR-P11. Permit Conditions to Reduce Impacts	Project Review	Current Planning	Ongoing	Normal Operations
MR-P12. Off-Channel Terrace Mining	Project Review	Current Planning	Ongoing	Normal Operations
MR-P13. Protection of In-stream Water Collection and Transmission Facilities on the Mad River	Project Review	Current Planning	Ongoing	Normal Operations
MR-S1. Surface Mining Standards	Project Review	Current Planning	Ongoing	Normal Operations
MR-S2. Timberland Conversion	Project Review	Current Planning	Ongoing	Normal Operations
MR-S3. Permitted Land Use Designations	Project Review	Current Planning	Ongoing	Normal Operations
MR-S4. Reclamation Plan Requirements	Project Review	Current Planning	Ongoing	Normal Operations

<b>2017 Humboldt County General Plan - Implementation Action Plan</b>				
<b>Policies and Standards Not Directly Associated with Implementation Measures</b>				
<b>Text</b>	<b>Method</b>	<b>Responsibility</b>	<b>Timing</b>	<b>Cost</b>
MR-S5. Forest and Agricultural Borrow Pits	Project Review	Current Planning	Ongoing	Normal Operations
MR-S6. Subdivision for Mineral Production	Project Review	Current Planning	Ongoing	Normal Operations
MR-S7. Hearing Notification	Project Review	Current Planning	Ongoing	Normal Operations
<b>Chapter 10 Conservation and Open Space Elements – Waste Management</b>				
WM-P3. Joint Facility Planning	Core County Service	Environmental Health	Ongoing	Normal Operations
WM-S1. Solid Waste Facility Permit	Project Review	Current Planning	Ongoing	Normal Operations
WM-S2. Solid Waste Disposal Facility Conformance with Countywide Integrated Waste Management Plan (CIWMP)	Project Review	Current Planning	Ongoing	Normal Operations
WM-S3. Solid Waste Facility Consistency with State and Federal Laws	Project Review	Current Planning	Ongoing	Normal Operations
WM-S4. Land Use Permits for Solid Waste Facilities	Project Review	Current Planning	Ongoing	Normal Operations
<b>Chapter 10 Conservation and Open Space Elements – Cultural Resources</b>				
CU-S1. Significant Cultural Resources Defined	Project Review	Current Planning	Ongoing	Normal Operations
CU-S2. Confidentiality	Project Review	Current Planning	Ongoing	Normal Operations
CU-S3. Cultural Resources Community	Project Review	Current Planning	Ongoing	Normal Operations
CU-S4x. Professional Archaeologist Qualification Standards and Practices	Project Review	Current Planning	Ongoing	Normal Operations
<b>Chapter 10 Conservation and Open Space Elements – Scenic Resources</b>				

2017 Humboldt County General Plan - Implementation Action Plan				
Policies and Standards Not Directly Associated with Implementation Measures				
Text	Method	Responsibility	Timing	Cost
SR-PX. Working Landscapes	Core County Service	Board of Supervisors	Ongoing	Normal Operations
SR-S3. Scenic Highway Standards	Project Review	Current Planning	Ongoing	Normal Operations
SR-SX. Light and Glare	Project Review	Current Planning	Ongoing	Normal Operations
<b>Chapter 11 Water Resources Element</b>				
WR-P1. Sustainable Management	Project Review	Current Planning	Ongoing	Normal Operations
WR-P3. Proactive Protections	Core County Service	Long Range Planning	Ongoing	Normal Operations
WR-P6. Subdivisions Water Supply	Project Review	Current Planning	Ongoing	Normal Operations
WR-Px1. Requirements for Water Storage in Flow Impaired Watersheds	Project Review	Current Planning	Ongoing	Normal Operations
WR-P12. Groundwater Quality Protection	Project Review	Current Planning	Ongoing	Normal Operations
WR-P13. Saltwater Intrusion	Project Review	Current Planning	Ongoing	Normal Operations
WR-P16. State and Federal Regulation	Core County Service	Board of Supervisors	Ongoing	Normal Operations
WR-Px6. Alternative Disposal Systems	Core County Service	Board of Supervisors	Ongoing	Normal Operations
WR-Px7. Rain Catchment Systems	Project Review	Current Planning	Ongoing	Normal Operations
WR-P40. Fish Passage Designs	Core County Service	Public Works	Ongoing	Normal Operations
WR-S5. Water Withdrawal Permitting	Project Review	Current Planning	Ongoing	Normal Operations

<b>2017 Humboldt County General Plan - Implementation Action Plan</b>				
<b>Policies and Standards Not Directly Associated with Implementation Measures</b>				
<b>Text</b>	<b>Method</b>	<b>Responsibility</b>	<b>Timing</b>	<b>Cost</b>
WR-S6. Subdivisions Demonstration of Sufficient Water Supply	Project Review	Current Planning	Ongoing	Normal Operations
WR-S8. Erosion and Sediment Discharge	Project Review	Current Planning	Ongoing	Normal Operations
WR-S10. Projects in Proximity to Wild and Scenic Rivers	Project Review	Current Planning	Ongoing	Normal Operations
WR-S11. Micro Hydroelectric	Project Review	Current Planning	Ongoing	Normal Operations
WR-S12. Water Export Projects on Humboldt County Rivers	Core County Service	Board of Supervisors	Ongoing	Normal Operations
WR-S13. Minimizing Effects of Water Exports	Core County Service	Board of Supervisors	Ongoing	Normal Operations
<b>Chapter 12 Energy Element</b>				
E-P2. Oil and Gas Development	Project Review	Current Planning	Ongoing	Normal Operations
E-P8. County Building Design Standards	Core County Service	Public Works	Ongoing	Normal Operations
E-P9. Electrical Transmission	Core County Service	Board of Supervisors	Ongoing	Normal Operations
E-P9x. Electricity Buyback	Core County Service	Board of Supervisors	Ongoing	Normal Operations
E-P10. Transportation Management Plans	Core County Service	Current Planning	Ongoing	Normal Operations
E-PX. Land Use Planning and Compatibility	Core County Service	Board of Supervisors	Ongoing	Normal Operations
E-PX2. Sustainable Biomass Energy Production	Core County Service	Board of Supervisors	Ongoing	Normal Operations
E-S1. Oil and Gas	Project Review	Current Planning	Ongoing	Normal Operations

2017 Humboldt County General Plan - Implementation Action Plan				
Policies and Standards Not Directly Associated with Implementation Measures				
Text	Method	Responsibility	Timing	Cost
E-S2. Application Requirements and Standards for Oil and Gas Energy Exploration or Extraction Projects	Project Review	Current Planning	Ongoing	Normal Operations
E-S3. Wind Generating Facilities	Project Review	Current Planning	Ongoing	Normal Operations
E-S4. Oil and Gas Pipelines	Project Review	Current Planning	Ongoing	Normal Operations
E-S5. Electrical Transmission Lines	Project Review	Current Planning	Ongoing	Normal Operations
E-S7. Solar Access Protection	Project Review	Current Planning	Ongoing	Normal Operations
<b>Chapter 13 Noise Element</b>				
N-P1. Minimize Noise from Stationary and Mobile Sources	Project Review	Current Planning	Ongoing	Normal Operations
N-P2. Guide to Land Use Planning	Core County Service	Long Range Planning	Ongoing	Normal Operations
N-S1. Land Use/Noise Compatibility Matrix	Project Review	Current Planning	Ongoing	Normal Operations
N-S3. Environmental Review Process	Project Review	Current Planning	Ongoing	Normal Operations
N-S4. Noise Study Requirements	Project Review	Current Planning	Ongoing	Normal Operations
N-S5. Uniform Building Code	Project Review	Building	Ongoing	Normal Operations
N-S6. Noise Standards for Habitable Rooms	Project Review	Current Planning	Ongoing	Normal Operations
N-S7. Noise Reduction Requirements for Exterior Areas in Residential Zones	Project Review	Current Planning	Ongoing	Normal Operations
N-S8. Short-term Noise Performance Standards (Lmax)	Project Review	Current Planning	Ongoing	Normal Operations

2017 Humboldt County General Plan - Implementation Action Plan				
Policies and Standards Not Directly Associated with Implementation Measures				
Text	Method	Responsibility	Timing	Cost
<b>Chapter 14 Safety Element</b>				
S-P1. Reduce the Potential for Loss	Core County Service	Long Range Planning	Ongoing	Normal Operations
S-P2. Coastal Zone Hazards	Project Review	Current Planning	Ongoing	Normal Operations
S-P3. Hazard Education	Core County Service	OES	Ongoing	Normal Operations
S-PX7. Military Operating Areas	Project Review	Current Planning	Ongoing	Normal Operations
S-P7. Improved Information	Core County Service	Board of Supervisors	Ongoing	Normal Operations
S-P8. Earthquake Mitigation Planning	Plan or Study	OES	Ongoing	TBD
S-P9. Cascadia Event Disaster Response	Core County Service	OES	Immediately	Normal Operations
S-PX1. Site Suitability	Project Review	Current Planning	Ongoing	Normal Operations
S-P10. Federal Flood Insurance Program	Core County Service	Building	Ongoing	Normal Operations
S-P11. Flood Plains	Project Review	Current Planning	Ongoing	Normal Operations
S-PX3. Construction Within Special Flood Hazard Areas	Project Review	Current Planning	Ongoing	Normal Operations
S-PX4. Development on, or Adjacent to, Coastal Bluffs and Beaches	Project Review	Current Planning	Ongoing	Normal Operations
S-P18. Prescribed Burning	Core County Service	Fire Safe Council	Ongoing	Normal Operations
S-P18. Hazardous Fuel Reduction	Core County Service	Fire Safe Council	Ongoing	Normal Operations

<b>2017 Humboldt County General Plan - Implementation Action Plan</b>				
<b>Policies and Standards Not Directly Associated with Implementation Measures</b>				
<b>Text</b>	<b>Method</b>	<b>Responsibility</b>	<b>Timing</b>	<b>Cost</b>
S-PX6. Alternative Owner Builder High and Very High Fire Severity Zones	Project Review	Current Planning	Ongoing	Normal Operations
S-P21. Development Compatibility	Core County Service	Board of Supervisors	Ongoing	Normal Operations
S-P23. Obstruction-free Approach Surfaces	Project Review	Current Planning	Ongoing	Normal Operations
S-P25. Hazardous Industrial Development	Project Review	Current Planning	Ongoing	Normal Operations
S-P26. Hazardous Waste	Project Review	Current Planning	Ongoing	Normal Operations
S-P30. Tsunami Ready Program	Core County Service	Board of Supervisors	Ongoing	Normal Operations
S-S1. Geologic Report Requirements	Project Review	Current Planning	Ongoing	Normal Operations
S-S2. Landslide Maps	Project Review	Building	Ongoing	Normal Operations
S-S3. Alquist-Priolo Fault Hazard Zones	Project Review	Building	Ongoing	Normal Operations
S-S4. Tsunami Emergency Response Plan	Core County Service	OES	Ongoing	Normal Operations
S-S6. Flood Plains	Project Review	Current Planning	Ongoing	Normal Operations
S-S9. SRA Fire Safe Regulations	Project Review	Current Planning	Ongoing	Normal Operations
S-S10. California Building Codes	Project Review	Current Planning	Ongoing	Normal Operations
S-S11. California Fire Code	Project Review	Current Planning	Ongoing	Normal Operations
S-S12. Fire Hazard Severity Zone Maps	Project Review	Current Planning	Ongoing	Normal Operations

2017 Humboldt County General Plan - Implementation Action Plan				
Policies and Standards Not Directly Associated with Implementation Measures				
Text	Method	Responsibility	Timing	Cost
S-S15. Hazardous Materials Handling and Emergency Response	Project Review	Current Planning	Ongoing	Normal Operations
S-S16. Transport of Nuclear Materials	Core County Service	Board of Supervisors	Ongoing	Normal Operations
<b>Chapter 15 Air Quality Element</b>				
AQ-P1. Reduce Length and Frequency of Vehicle Trips	Project Review	Current Planning	Ongoing	Normal Operations
AQ-P2. Reduce Localized Concentrated Air Pollution	Project Review	Current Planning	Ongoing	Normal Operations
AQ-P6. Buffering Land Uses	Project Review	Current Planning	Ongoing	Normal Operations
AQ-P11. Forest Sequestration and Biomass Energy	Core County Service	Board of Supervisors	Ongoing	Normal Operations
AQ-P15. Preservation and Replacement of On-site Trees	Project Review	Current Planning	Ongoing	Normal Operations
AQ-S1. Construction and Grading Dust Control	Project Review	Building	Ongoing	Normal Operations
AQ-S3. Buffering Land Uses	Project Review	Current Planning	Ongoing	Normal Operations
AQ-S4. Preservation and Replacement of On-site Trees	Project Review	Current Planning	Ongoing	Normal Operations



## Appendix B Glossary and Definitions

*Some terms included in this Glossary may have specific legislative or regulatory definitions, in which case such definitions shall prevail. This glossary is intended to provide generalized, useful, readable definitions to assist the reader, but does not supplant applicable legislative and regulatory definitions.*

### Glossary of General Terms:

**Access:** A public right-of-way or prescriptive easement normally required to a parcel before subdivision is approved.

**Active Recreation:** Recreational pursuits that involve activities or the use of equipment for which sanctioned areas or support facilities (i.e., play fields, rinks, bowls, tracks, etc.) are required; as opposed to passive recreation, such as hiking, fishing, sunbathing.

**Ad Hoc Work Group.** A self-appointed group of persons with a diversity of interests that came together in 2012 to advise the Board of Supervisors on the Draft Plan.

**Adult Entertainment Establishments:** A businesses where persons may appear in a state of nudity for the purpose of entertaining the patrons of such establishments.

**Affordability:** The ability of low and moderate income households to accommodate housing costs without having to pay a disproportionate share of their income. Those households occupying housing units whose housing costs are greater than 25% of their gross income are considered to be "overpaying".

- a. *Very Low Income Household:* A household whose income does not exceed 50% of the median household income of the County.
- b. *Other Lower Income Household:* A household whose income is between 50% and 80% of the median household income of the County.
- c. *Moderate Income Household:* A household whose income is between 80% and 120% of the median household income of the County.
- d. *Above Moderate Income Household:* A household whose income exceeds 120% of the median household income.

**Agricultural Land Conservation Contract:** An agreement between a property owner or owners and the county or city jurisdiction pursuant to the "Williamson Act" (California Government Code Section 56000 et seq.) wherein land is placed into an Agricultural Preserve for a period of 10 years, automatically renewable unless not extended by request of the property owner or city/county.

**Agricultural Preserve:** Lands subject to a County resolution establishing uniform rules and compatible uses for continued agricultural use. These lands may or may not be under an Agricultural Land Conservation Contract.

**Airport Land Use Compatibility Plan:** A plan for public use airports adopted by the Airport Land Use Commission, which is the Board of Supervisors in Humboldt County, detailing areas of relative degrees of co-existence of other land uses in proximity to an airport, especially its runways. Typically, these compatibility zones list permissible land uses, residential development densities, heights, and other development parameters to allow for minimizing hazards and nuisances to and from the airport.

**Airport Master Plan:** A plan adopted by the Airport Land Use Commission detailing facility operations for airport properties. An Airport Master Plan is complimented by an Airport Land Use Compatibility Plan addressing standards for surrounding properties under the influence of the airports' operations.

**Alluvium or Alluvial Soils:** A general term for clay, silt, sand, gravel or similar unconsolidated detritus material deposited during comparatively recent geologic time by a stream or other body of running water as a sorted or semi-sorted sediment in the bed of the stream or on its flood plain or delta, or as a cone or fan at the base of a mountain slope.

**Alquist-Priolo Earthquake Fault Zone Act:** Formerly the Alquist-Priolo Special Studies Act, this state legislation establishes requirements for the State Geologist to prepare and publish maps indicating earthquake fault zones wherein development may be exposed to surface rupture hazards. The Act also directs local agencies to require the preparation of fault evaluation reports for certain classes of development proposed within such zones, peer review of the report, and other disclosure responsibilities for agencies and real estate agents offering such properties for sale or lease.

**Alternative Disposal Systems:** A method other than a centralized sewer system, a standard or a non-standard water-carried treatment (septic) system intended to treat human-generated waste and wastewater such that it is rendered biologically harmless. Also known as an Alternative Wastewater Treatment System, it includes but is not limited to composting and incineration.

**Ambient Air Quality Standards:** Health- and welfare-based standards for outdoor air, which identify the maximum acceptable average concentrations of air pollutants during a specified period of time.

**Aquaculture:** The culture and husbandry of aquatic organisms, including, but not limited to, fish, shellfish, mollusks, crustaceans, kelp, and algae. "Aquaculture" does not include the culture and husbandry of commercially utilized inland crops, including, but not limited to, rice, watercress, and bean sprouts.

**Aquifer:** An aquifer is a body of saturated rock or sediment through which water can move readily. An aquifer is the underground area that stores groundwater resources.

**Area Wide Sources:** An area-wide source is defined as any source that emits less than 10 tons per year of a single hazardous air pollutant (HAP) or 25 tons per year of all HAPs.

**Arterial (street):** In traffic engineering, a term that refers to a higher order class of street designed to provide through transit for large volumes of vehicles. In the hierarchy of street type classification, arterials convey traffic from collector streets to highways or other regional controlled-access road facilities.

**Assessor parcel:** A tract or plot of land identified for tax assessment purposes.

**"Big-Box" Store:** A large commercial structure, usually in excess of one acre floor area, where one proprietor or a set of discrete franchises, offer retail sales and services in a centralized warehouse-like setting intended to serve a regional area.

**Biodiesel:** A biologically derived fuel (biofuel) suitable as a substitute, additive, or extender to petroleum diesel fuel. Biodiesel, an ester, is made using plant matter, vegetable oils, animal fats, algae, or recycled cooking greases.

**Board of Supervisors:** A county's legislative body. Board members are elected by popular vote and are responsible for enacting ordinances, imposing taxes, making appropriations, and establishing county policy. The board adopts the general plan, zoning, and subdivision regulations.

**The "Brown Act":** The Ralph M. Brown Open Meeting Act (commencing with Government Code Section 54950) requires cities and counties to provide advance public notice of hearings and meetings of their councils, boards, and other bodies. Meetings and hearings with some exceptions must be open to the public.

**Buffer:** A neutral area separating conflicting land uses.

**Build To Line:** An imaginary line, drawn parallel to the street frontage, along which some portion of the building front *must* be built.

**Buildout:** The process or end state of land being developed to its planned density or intensity.

**CAL FIRE:** See "California Department of Forestry and Fire Protection".

**CAL-OSHA:** See "California Occupational Health and Safety Administration".

**California Department of Fish and Wildlife (CDFW):** An agency of the State of California who, with the Fish and Wildlife Commission, are responsible for the establishment and administration of wildlife management programs for the protection of fish and wildlife species and their habitat. CDFW functions as both a direct permitting and licensing bureau for various resource-related activities, and as a "trustee agency" having input and guidance in the review and approval of development projects involving such species and their habitat.

**California Department of Forestry and Fire Protection (CAL FIRE):** An agency of the State of California responsible for the administration of state regulations of the growing and harvesting of timber and the provision of fire protection services to rural areas outside of established fire districts.

**California Environmental Quality Act (CEQA):** (commencing with Public Resources Code Section 21000). In general, CEQA requires that all private and public projects be reviewed prior to approval for their potential adverse effects upon the environment.

**California Forest Practices Act:** (see "Z' Berg-Nejedly Forest Practice Act")

**California Occupational Health and Safety Administration (CAL-OSHA):** An agency of the State of California responsible for the administration of state and local regulations for the protection of persons from worksite related hazards.

**California Public Utilities Commission (CPUC):** The CPUC regulates privately owned telecommunications, electric, natural gas, water, railroad, rail transit, and passenger transportation companies, in addition to authorizing video franchises and is comprised of five Governor-appointed Commissioners.

**Capital Improvement Program (CIP):** A Capital Improvement Program is a local agency's plan, usually with a five-year planning horizon, for providing infrastructure improvements, including project priorities and funding strategies, as defined by Section 65403 of the Government Code.

**Category "5" Road Standard:** One of a set of six categories of road design criteria within the Humboldt County Subdivision Ordinance detailing right-of-way width, surface improvements, curb & gutter, and shoulder requirements to service the circulation needs for urban and urbanizing areas.

**CC&Rs** – See "Covenants, conditions and restrictions".

**CDFW:** See "California Department of Fish and Wildlife".

**CEQA:** See "California Environmental Quality Act":

**Charter City:** A city which has been incorporated under its own charter rather than under the general laws of the state. Charter cities have broader powers to enact land use regulations than do general law cities. The City of Eureka and all of California's largest cities are charter cities.

**CHERT:** See "County of Humboldt Extraction Review Team".

**CIP:** See "Capital Improvement Program".

**Circulation Plan:** A module or "element" of a General Plan identifying the general location and extent of existing and proposed major thoroughfares, transportation routes, terminals and other local public utilities and facilities to determine and constrain the pattern and extent of development. Circulation plans generally contain detailed maps, standards of operation (i.e., Level of Service (LOS) thresholds or criteria, policies), and identifies financing mechanisms for implementation.

**City Council:** A city's legislative body. The popularly elected city council is responsible for enacting ordinances, imposing taxes, making appropriations, establishing policy, and hiring some city officials. The council adopts the local general plan, zoning, and subdivision ordinance.

**Citizens Handbook:** A reference for educating the public about the many ways they can participate in the County's decision-making process on land use issues.

**Cliff Retaining Wall:** An upright structure designed to stabilize or prevent erosion of a cut bank or cliff.

**Cluster Development; Clustering:** A development pattern or layout, usually seen in Planned Unit Developments, where structures are grouped onto relatively smaller lots and the traditional front, side and rear yards areas are reduced and aggregated into larger, common areas. Cluster development is a technique for avoiding hazardous areas, to prevent intrusion into environmentally sensitive areas, or to reduce the costs and disruptions of streets and infrastructure associated with more conventional design layouts.

**CNEL:** See "Community Noise Equivalent Level"

**Community Plan:** A portion of the local general plan that focuses on a particular area or community within the city or county. Community plans supplement the policies of the general plan.

**Coastal Conservancy:** An agency of the State of California established under State law (PRC §31000) to foster planning, acquisition, transfer to public agencies or other appropriate entities, funding and development of coastal access and access facilities, and the protection of agricultural lands.

**Coastal Zone:** The land and water area of the State of California from the Oregon border to the border of the Republic of Mexico, as officially mapped on 7.5 minute U.S.G.S. quadrangle maps and adopted by the California Coastal Commission, seaward to the State's outer limit of jurisdiction, including all offshore islands, and extending inland generally 1,000 yards from the mean high tide line of the sea. In significant coastal estuarine, habitat, and recreational areas it extends inland to the first major ridgeline paralleling the sea or five (5) miles from the mean high tide line of the sea, whichever is less, and in developed urban areas the zone generally extends inland less than 1,000 yards.

**Cogeneration:** The simultaneous production of electricity and useful thermal energy (e.g., heat or steam) from a common fuel source. This byproduct energy (or "waste" heat) from industrial processes can sometimes be used to power an electric generator. Conversely, byproduct heat from an electric generator can often be used for industrial processes or for other heating purposes.

**Collector (street):** In traffic engineering, a term that refers to a medium order class of street designed to provide through transit for moderate to large volumes of vehicles. In the hierarchy of street type classification, collectors convey traffic from local streets to arterial streets that in turn connect to highways or other regional controlled-access road facilities.

**Common Sense Principle.** The General Plan should be interpreted in a common sense manner to encourage reasonable development which can meet the needs of the community with minimal impacts on the environment and demands on public services. Taking a comprehensive view of all relevant plan policies, the result must balance the intent of these policies, in a practical, workable, and sound manner. When using the Common Sense Principle, findings shall be made indicating how the use of this principle

balances the needs of the community and Plan policies by the Planning Commission and/or Board of Supervisors.

**Community-Based Policing:** A concept in law enforcement administration which places an emphasis on a high visibility presence of public safety officers within a community (e.g., foot or horse patrols) and promotes citizen-police interaction through neighborhood watch programs, volunteer citizen patrols, crime prevention education and other outreach programs.

**Community Character:** The prevailing qualities and characteristics of a community. At a minimum, community character should consider historical development patterns, the present natural and built environment, the resources and needs of the area, and the planned and projected growth.

**Community Noise Equivalent Level (CNEL):** A 24-hour energy equivalent level derived from a variety of single-noise events, with weighting factors of 5 and 10 dBA applied to the evening (7PM to 10 PM) and nighttime (10PM to 7AM) periods, respectively, to allow for the greater sensitivity to noise during those hours.

**Community Plan:** A portion of the local general plan that focuses on a particular area or community within the city or county. Community plans supplement the policies of the general plan.

**Community Planning Area (CPA):** The geographic extent of a Community Plan.

**Community Services District (CSD):** A special district, governed by an independently elected board of directors, formed to provide any one or more of a range of authorized services, including water, wastewater, fire protection, parks and recreation, and street lighting (see California Government Code Section 61000 and following).

**Conditional Use Permit:** Pursuant to the zoning ordinance, a conditional use permit (CUP) may authorize uses not routinely allowed on a particular site. It is a discretionary permit issued by the Planning Commission for any of the numerous "conditional uses" indicated within the Zoning Ordinance. Findings to allow the granting of a Conditional Use Permit involve an affirmative determination on the project's conformance with the general plan, consistency with zoning regulations, satisfying all related development standards, and that the proposed use and improvements may be operated or maintained in such a manner as to not be detrimental to the public health, safety, or welfare, or materially injurious to properties or improvements in the vicinity.

**Conflicting Uses:** Land uses by which the quality of each individual use is harmed by the others when they occur together in the same area, due to either competition for limited resources or use by-products which damage alternative uses. When one use prevents another, "conflicting uses" become incompatible uses.

**Conservation Easement:** Voluntary legal agreement between a landowner and conservation organization (government agency or land trust) that permanently limits some of the land's uses (i.e. development rights, etc.). The property still belongs to the landowner, but restrictions are placed both on the current landowner and on subsequent landowners, based upon the terms of the agreement.

**Conversion (of agricultural land):** A change in the use or character of agricultural land, through subdivision parcelization, zoning reclassification, or other overt or indirect means, whereby the continued viability of the property for agricultural use is precluded or substantially decreased.

**Conveyance of Development Rights:** The action of an owner of real property wherein the future rights for further development – either allowed by-right or potentially pursuable through permits or other grants or authorization – is conveyed to another party, generally a public or non-profit agency such as a land trust. Development rights conveyances are generally associated with a deferral of required improvements, to allow for clustered development, or to protect or avoid development in hazardous or environmentally sensitive areas of a property.

**Cottage Industry:** Cottage Industries are considered a secondary use on a parcel involving the manufacture, provision of, or sale of goods and/or services, including Bed and Breakfast establishments, which:

- a. Are conducted by occupants on the premises and not more than 3 non-resident employees in a manner which does not substantially affect the primary use of the parcel; and
- b. Does not require use of buildings or structures occupying more than 2 acres; and
- c. Involves no sales of merchandise other than that grown or processed on the premises or merchandise directly related to and incidental to the industry; and
- d. Would increase or maintain the viability of the existing principal use of the land, and shall not create noise, odors, smoke, or other nuisances which would adversely affect the surrounding area.

**County of Humboldt Extraction Review Team (CHERT):** A technical review committee appointed by the Board of Supervisors that reviews surface mining operations.

**County Service Area (CSA):** A special district governed by the Board of Supervisors formed to provide any one or more of a range of authorized service including water, wastewater, fire protection, parks and recreation, and street lighting within an area of the County (see California Government Code Section 25210.1 and following).

**County Water District:** A special district, governed by an independently elected board of directors, formed to provide water service, but can also provide a limited range of other services (see California Water Code Section 30000 and following).

**Covenants, conditions and restrictions (CC&R's):** Covenants, Conditions, and Restrictions are private legal restrictions on the use of land, contained in the deed to the property or otherwise formally recorded. CC&R's are enforced by home owner's associations, not by the County.

**CPUC:** See "California Public Utilities Commission"

**Criteria Air Pollutant:** An air pollutant for which acceptable levels of exposure can be determined and for which an ambient air quality standard has been set. Examples include: ozone, carbon monoxide, nitrogen dioxide, sulfur dioxide, PM<sub>10</sub>, and PM<sub>2.5</sub>.

**Critical Water Supply Area:** The specific area, used by a municipality or community for its water supply system, which is so limited in area that it is susceptible to a potential risk of contamination from development activities.

**Cumulative Impacts:** Two or more individual effects which, when considered together, are considerable or which compound or increase other impacts.

**dB (Decibel):** a unit used to express the relative intensity of a sound as it is heard by the human ear.

**dBA:** "A-weighted decibels". A measurement of noise weighted to reflect the sound frequency range audible to the human ear.

**Density:** In the context of land use planning, the number of residential living units per unit area, such as seven units per acre.

**Density Bonus:** An increase in the allowable number of dwelling units granted by the city or county in return for the project's providing low- or moderate-income housing (see Government Code Section 65915).

**Design Review:** A process in which the exterior expression of a development project's design are reviewed against a set of desired features or characteristics in the interest of promoting visual harmony and coordinated design in a given area. For purposes of this Plan, design review does not involve discretionary review by an appointed or elected panel or board, but ministerial review against a checklist of parameters, constraints, and favorable characteristics detailed within the design review standards ordinance.

**Design Review Committee:** A group appointed a city or county elected officials to consider the design and aesthetics of development within design review zoning districts.

**Design Review Standards:** A checklist of parameters, constraints, favorable characteristics, and desirable attributes against which development project proposals are reviewed.

**Design Standards Committee (DSC):** An ad hoc committee appointed by the Board of Supervisors responsible for developing design review standards.

**Detention Basin:** A topographic feature, either naturally occurring or terra-formed where stormwater runoff is intercepted and detained to reduce peak discharge volumes into downstream watercourses.

**Developed:** Developed with a structure that is a principle or conditionally use permitted under a parcel's land use designation in the applicable general plan.

**Development:** As defined in California Government Code Section 65927: Development means, on land, or in or under water, the placement or erection of any solid material or structure; discharge or disposal of any dredged material or of any gaseous, liquid, solid, or thermal waste; grading, removing, dredging, mining, or extraction of any materials; change in the intensity of use of land including but not limited to subdivision pursuant to the Subdivision Map Act (commencing with Section 66410 of the Government Code), and any other division of land except where the division is brought about in connection with the purchase of such land by a public

agency for public recreational use; change in the intensity or use of water, or of access to thereto; construction, reconstruction, demolition, or alteration of the size of any structure, including any facility of any private, public, or municipal utility; and the removal or harvesting of major vegetation other than for agricultural purposes, kelp harvesting, and timber operations which are in accordance with a timber harvesting plan submitted pursuant to the provisions of the Z'berg-Nejedly Forest Practices Act of 1973 (commencing with Section 4511 of the Public Resources Code).

As used in this section, "structure" includes, but is not limited to, any building, road, pipe, flume, conduit, siphon, aqueduct, telephone line, and electrical power transmission and distribution line. "Development" does not mean a "change of organization", as defined in Section 56021, or the "reorganization", as defined in Section 56073.

**Development Fees:** Fees charged to developers or builders as a prerequisite to construction or development approval. The most common are: (1) impact fees (such as parkland acquisition fees, school facilities fees, or street construction fees) related to funding public improvements which are necessitated in part or in whole by the development; (2) connection fees (such as water line fees) to cover the cost of installing public services to the development; (3) permit fees (such as building permits, grading permits, sign permits) for the administrative costs of processing development plans; and, (4) application fees (rezoning, CUP, variance, etc.) for the administrative costs of reviewing and hearing development proposals.

**Development Review.** Evaluation of proposed development by the County. This term is used to describe all types of evaluation, including, but not limited to, ministerial "over-the-counter" permits as well as discretionary evaluations, for instance conditional use permits.

**Dikes:** A bank constructed to control or confine tidal, river, or other waters.

**Discretionary Project:** Discretionary project means an activity defined as a project which requires the exercise of judgment, deliberation, or decision on the part of the public agency or body in the process of approving or disapproving a particular activity, as distinguished from situations where the public agency or body merely has to determine whether there has been conformity with applicable statutes, ordinances, or regulations.

**Downzone:** This term refers to the rezoning of land to a more restrictive or less intensive zone (for example, from multi-family residential to single-family residential or from residential to agricultural).

**Drip Line:** The outer edge of a tree crown or canopy.

**Dwelling Unit:** A housing unit. (See Housing Unit).

**Earthquake Fault Zone:** A delineated area established under the provisions of the Alquist-Priolo Earthquake Fault Zone Act, wherein certain classes of development projects are subject to geologic investigations, report review, and disclosure requirements.

**Easement:** A recorded right or interest in the land of another, which entitles a holder thereof to a use, privilege or benefit over said land.

**Ecosystem Services.** The contributions that a biological community and its habitat provide to our day-to-day lives (National Oceanic and Atmospheric Administration). Examples of ecosystem services include basic services like the delivery of food, fresh water, fresh air, wood and fiber, and medicine – and services that are less tangible and harder to measure but equally critical: regulating services like carbon sequestration, erosion control, and pollination; cultural services like recreation, ecotourism, and educational and spiritual values; and supporting services like nutrient cycling, soil formation, and primary productivity (United States Department Agriculture).

**EIR:** See “Environmental Impact Report”

**Eminent Domain:** The power of a governmental entity to take privately owned property, especially land, and convert it to public use, subject to reasonable compensation for the taking.

**Endangered Species:** These species' prospects for survival and reproduction are in immediate jeopardy from one or more causes.

**Energy Star:** A U.S. Environmental Protection Agency program that began in 1992 as a voluntary labeling program designed to identify and promote energy-efficient products to reduce greenhouse gas emissions.

**Environmental Impact Report (EIR):** A report that analyzes the environmental effects of a proposed project prepared pursuant to the California Environmental Quality Act of 1970.

**Environmental Impact Statement:** Similar to an EIR, but a federal level document prepared pursuant to the National Environmental Policy Act of 1969.

**Environmentally Sensitive Areas:** Any area in which plant or animal life or their habitats are either rare or especially valuable because of their special nature or role in an ecosystem and which could be easily disturbed or degraded by human activities and developments (Coastal Act Section 30107.5), including: areas of special biological significance as identified by the State Water Resources Control Board; rare and endangered species habitat identified by the State Department of Fish and Wildlife; all coastal wetlands and lagoons; all marine, wildlife and education and research reserves; nearshore reefs; tidepools; sea caves; islets and offshore rocks; kelp beds; indigenous dune plant habitats; and wilderness and primitive areas.

**Ephemeral Stream:** A watercourse whose waterflows occur less than year-round, in episodic events such as following a rainstorm.

**Fault:** A surface or zone of rock fracture along which there has been displacement from a few centimeters to a few kilometers.

**Feasible:** Capable of being accomplished in a successful manner within a reasonable period of time, taking into account economic, environmental, social and technological factors.

**Federal Emergency Management Agency (FEMA):** Federal agency responsible for management of natural hazards, including the flood plain zones.

**Fee:** A charge imposed on an applicant or property owner to defray the cost of providing public facilities or services. There are three types of fees: (1) fees for services (such as water or wastewater service) generally referred to as service charges; (2) fees for regulatory activities such as plan review fees; and (3) development fees, which include impact fees that are levied on a developer to off-set the cost of infrastructure to serve that development.

**Feed Lot:** A large yard with pens or stables, other than those part of a typical livestock ranch, where cattle, sheep, etc. are kept for finishing, shipment or slaughter.

**Fill:** Earth or other substance or material, including piling placed for the purpose of erecting structures thereon, placed in a submerged area.

**Final Map Subdivision:** Final map subdivisions (also called tract maps or major subdivisions) are land divisions which create five or more lots. They must be consistent with the general plan and are generally subject to stricter requirements than parcel maps. Such requirements may include installing road improvements, the construction of drainage and sewer facilities, parkland dedications, and more.

**Fire Protection District:** A special district, in most instances governed by an independently elected board of directors, formed to provide fire protection services (see California Health and Safety Code Section 13800 and following).

**Flood, 100-Year:** A flood having a one percent chance of occurring in any single year.

**Flood Hazard Areas, or Floodplain:** Typically refers to those areas subject to inundation by a 100-year flood; or, other defined flood event or flood risk area.

**Floor Area Ratio:** Abbreviated as FAR, this is a measure of development intensity. FAR is the ratio of the amount of floor area of a building to the amount of area of its site. For instance, a one-story building that covers an entire lot has an FAR of 1. Similarly, a one-story building that covers 1/2 of a lot has an FAR of 0.5. A FAR greater than 1 indicates allowance for multi-story buildings. A FAR of 3 indicates a three-story building covering the entire lot.

**Forestland:** Resource land which may include conifer, timberland, oak woodland and other hardwood types.

**Forest Operations:** The cutting and/or removal of timber or other solid wood forest products for forest management or commercial purposes, together with all of the work incidental to the harvest including, but not limited to: construction and maintenance of roads, fuel breaks, fire breaks, stream crossings, landings, skid trails, beds for the falling of trees, and fire hazard abatement (Public Resources Code Section 4527(a)(1) and (2))

**Forest Practices Act:** Z'Berg-Nejedly Forest Practices Act"

**Form-Based Code:** A regulatory document or type of zoning code that controls land use by placing primary emphasis on the physical form of the built environment with the end goal of producing a specific type of "place".

**Framework Plan:** Volume I of the Humboldt County General Plan adopted in 1984 establishing county-wide policies for land uses, hazard avoidance, resource protection,

and public facilities and services. The Framework Plan is supplemented by the elements of Volume II, including the Housing Element, Hazardous Waste Plan, Integrated Solid Waste Plan, Airport Master Plan, and the Community Plans.

**General Law City:** A city incorporated under and administered in accordance with the general laws of the state. See also Charter law city.

**General Plan:** A statement of policies, including text and diagrams setting forth objectives, principles, standards, and plan proposals, for the future physical development of the city or county (see Government Code Sections 65300 et seq.).

**General Plan Amendment:** A revision to the text or maps of a general plan. Under California state law, the Legislative Body (Board of Supervisors or City Council) is the only recognized entity authorized to instigate and direct such changes.

**Geologic Hazards:** include the following:

1. seismic hazard areas delineated on fault maps as subject to potential surface rupture, on soil maps indicating materials particularly prone to shaking or liquefaction and in local and regional seismic safety plans;
2. tsunami runup areas identified on U.S. Army Corps of Engineers 100-year recurrence maps, by other scientific or historic studies and other known areas of tsunami risk;
3. landslide hazard areas delineated on slope stability maps and in local and regional geologic or safety plans;
4. beach areas subject to erosion; and
5. other geologic hazards such as expansive soils and subsidence areas.

**GHGs:** See "Greenhouse Gases"

**Goal:** The ultimate purpose of an effort stated in a way that is general in nature and immeasurable.

**"Granny" Housing:** Typically, this refers to a second dwelling attached to or separate from the main residence that houses one or more elderly persons.

**Grandfathering.** The act of recognizing a non-conforming land use, a use which was lawfully conducted prior to the effective date of the use regulations for the area in which it is located and with which regulations it does not comply.

**Greater Eureka Area Travel Model (GEATM):** A county-wide travel demand forecasting model used to assess impacts of land use and transportation changes, and help determine the effectiveness of potential improvements to the road system.

**Greenbelt:** Areas of natural terrain, drainage, and vegetation located adjacent to undeveloped areas or between adjoining developed areas slated for open space uses (buffers between development and hazardous or environmentally sensitive areas and other adjoining development, for non-vehicular paths and trails, and other passive recreation uses as appropriate).

**Greenhouse Gases (GHGs):** Carbon dioxide and other gases that trap heat radiating from the Earth's surface much like a greenhouse's windows trap heat from radiating sunlight.

**Groundwater Basin:** A groundwater basin is the aboveground area from which water flows or seeps into a particular aquifer or series of linked aquifers.

**Groundwater Transfer:** Groundwater transfer refers to the mechanical or artificial relocation of groundwater resources to a location outside the source location.

**HCAOG:** See "Humboldt County Association of Governments"

**Highly Scenic Areas:** generally include:

1. landscape preservation projects designated by the State Department of Parks and Recreation in the California Coastline Preservation and Recreation Plan;
2. open areas of particular value in preserving natural land-forms and significant vegetation, or in providing attractive transitions between natural and urbanized areas; and
3. other scenic areas and historical districts designated by cities and counties.

**Home Occupation:** An accessory use of a non-residential nature which is performed within a dwelling unit, by an occupant of the living unit and which is clearly incidental and secondary to the residential use of the dwelling unit. Home Occupations are subject to the Home Occupation Regulations of the Humboldt County Zoning Ordinance.

**Homesite:** An area suitable for the placement of a dwelling.

**Household:** The person or persons occupying a housing unit.

**Housing Unit:** A house, apartment, mobilehome or trailer, group of rooms, or single room occupied as a separate living quarter or, if vacant, intended for occupancy as a separate living quarter. Separate living quarters are those in which the occupants live and eat separately from any other persons in the building or through a common hall.

**Humboldt Bay Municipal Water District (HBMWD):** A quasi-public agency providing treated domestic drinking water supplies to the cities, special districts (e.g., MCSD), and residents of the greater Humboldt Bay area.

**Humboldt County Association of Governments (HCAOG):** The Humboldt County Association of Governments is a Joint Powers Agency comprised of the seven incorporated cities (Arcata, Blue Lake, Eureka, Ferndale, Fortuna, Rio Dell, Trinidad), and the County of Humboldt and is the designated Regional Transportation Planning Agency (RTPA). HCOAG is largely responsible for programming State highway, local street and road improvements, public transportation resources, and the road side call box program and the preparation and implementation of the Regional Transportation Plan (RTP).

**Humboldt - Del Norte Public Health Department:** A department of the County of Humboldt responsible for administering federal, state and local regulations regarding

certain domestic water supplies, sewage disposal systems, hazardous materials management, and other public health programs.

**Humboldt Local Agency Formation Commission (LAFCo):** The Humboldt Local Agency Formation Commission (LAFCo). Created by the State Legislature in 1963 to discourage urban sprawl and encourage the orderly formation and development of local government agencies. LAFCo reviews proposals for the formation of new local governmental agencies and for changes in the organization of existing agencies. There is a LAFCo in each county in California except San Francisco. LAFCo is a seven-member Commission comprised of two city council members (chosen by the Council of Mayors), two county supervisor members (chosen by the Board of Supervisors), two special district members (chosen by Independent Special District election), and one public member (chosen by the members of the Commission).

**Hydrophytic Plant:** Any plant growing in water or on a substrate that is at least periodically deficient in oxygen as a result of excessive water content (i.e., plants typically found in wet habitats).

**Impact Fees:** See *"Development Fees"*.

**Impervious Surface:** A land surface graded, covered, or constructed upon by pavement, structures, or other improvements such that the area has been rendered impenetrable by stormwater or surface runoff infiltration.

**Implementation Measure:** An action, procedure, program, or technique that carries out General Plan policy. Example: "Develop a geologic hazard overlay zoning classification and apply it to all geologic hazard areas identified in the General Plan".

**Implementation Program (Action Program):** A coordinated set measures to carry out the policies of the General Plan. Example: Open-space action program for implementing open-space policies.

**Incidental Public Service Purposes:** Projects, such as burying cables and pipes, inspection of piers, etc. which temporarily impact the resources of a habitat area.

**Industrial Noise Protection Standards:** A set of performance standards and identified mitigation measures to be abided by and undertaken to prevent adverse impacts of industrially process generated noise to adjacent persons and property.

**Infrastructure:** A general term describing public and quasi-public utilities and facilities such as roads, bridges, sewers and sewer plants, water lines, power lines, fire stations, etc.

**Initial Study:** Pursuant to CEQA, an analysis of a project's potential environmental effects and their relative significance. An initial study is preliminary to deciding whether to prepare a negative declaration or an EIR.

**Initiative:** A legislative measure which has been placed on the election ballot as a result of voter signatures. At the local level, initiatives usually propose changes or additions to the general plan and zoning ordinance. The right to initiative is guaranteed by the California Constitution.

**In-lieu Fee(s):** see *"Parkland Dedication In-lieu Fee(s)"*

**Insurance Services Office (ISO):** Private organization that formulates fire safety ratings based on fire threat and responsible agency's ability to respond to the threat. ISO ratings from one (excellent) to ten (no fire protection). Many insurance companies use ISO ratings to set insurance premiums. ISO may establish multiple ratings within a community, such as a rating of 5 in the hydranted areas and one of 8 in the non-hydranted areas.

**Interested Parties of Record:** Those individual persons, groups or organizations registered with the Humboldt County **Community Development Services, Planning & Building Department Divisions** on a project-by-project, or area-specific basis, who have expressed an interest in receiving public notices and other information regarding development projects and other land use activities for the stated area or project.

**Intermittent Stream:** A watercourse whose waterflows occur less than year-round, but within a definable period, such as "October to August."

**ISO:** See "Insurance Services Office".

**Joint Timber Management Plan:** Provides a guide for the management and continuous harvesting of timber, existing and proposed access by the original and any subsequent owners, and recorded as a deed restriction on all newly created parcels smaller than 160 acres in the Timberland Production Zone as recommended by the Forestry Review Committee.

**LAFCo:** See Humboldt Local Agency Formation Commission

**Landbanking:** The advance purchase of property which can be used in affordable housing and the holding (banking) of that property until such development is feasible.

**Landscape Maintenance Zone:** Areas of private property adjacent to a public street or right-of-way where landscaping and maintenance thereof have been required as a condition of development.

**Land Use:** Defined as

1. a description of the existing use of the land, according to categories, such as residential single family - vacant, heavy industrial – improved, etc.
2. shorthand for the planned land use designation of the general plan (see below).

**Land Use Designation:** A classification on a general plan planned land use map or diagram that indicates the kinds, intensities, and location of planned land uses, such as RL –Residential Low Density, Commercial General, etc.

**Lateral Access:** A recorded dedication or easement granting to the public use the right to pass and repass over dedicator's real property, generally parallel to, and inland from, the mean high tide line.

**Ldn: (Day-Night Average Sound Level):** the A-weighted average sound level for a given area (measured in decibels) during a 24-hour period with a 10 dB weighting applied to night-time sound levels. The Ldn is approximately numerically equal to the CNEL for most environmental settings.

**Leadership in Energy and Environmental Design (LEED):** This is a proprietary rating system known as the Green Building Rating System<sup>®</sup> which is a voluntary standard for developing high-performance sustainable buildings.

**LEED:** See "Leadership in Energy and Environmental Design"

**Leq (Energy Equivalent Level):** defined as the average sound level on the basis of sound energy (or sound pressure squared). The Leq is a "dosage" type measure and is the basis for the descriptors used in current standards, such as the 24-hour CNEL used by the State of California.

**Letter of Permission (LOP):** A letter issued by the U. S. Army Corps of Engineers to authorize in-stream gravel extraction.

**Levee:** A bank constructed to control or confine flood waters.

**Level of Service (LOS):**

1. In traffic engineering, the performance rating ("A" through "F") for a segment of street or intersection. Level of Service ratings are based on generalized perceptions of the performance of the roadway or intersection in terms of length of transit time and the degree of stress and frustration to the driver.
2. can also refer to other services such as fire response, police, bike trails, etc.

**Leverage:**

1. Use of borrowed funds to purchase property in anticipation of substantial increase in value of the property which then attaches to the equity;
2. Use of supplemental non- equity capital (as senior securities or borrowed money) to increase the returns on equity.

**Liquefaction:** The temporary transformation of soil into a fluid- acting mass, sometimes occurring when earthquakes affect water- saturated granular soil.

**Local Street:** In traffic engineering, a term that refers to a low order class of street designed to provide immediate low volume ingress and egress to individual properties. In the hierarchy of street type classification, traffic from local streets are channeled onto collectors leading to arterial streets who in turn connect to highways or other regional controlled-access road facilities.

**Long term:** More than ten years in the future.

**LOP:** See "Letter of Permission"

**Lot Line Adjustment.** The adjustment of a common lot line or lot lines between two or more existing adjacent parcels, where the land(s) taken from one or more parcels is added to an adjacent parcel or parcels, and where a greater number of parcels than originally existed is not thereby created.

**Low Density:** A form of residential development which typically involves only single family uses.

**Low Income:** Includes both "very low" and "low" income, meaning households whose income does not exceed 50% and 80%, respectively, of the median household income of the Standard Metropolitan Statistical Area (SMSA) the jurisdiction is located in, or the county where there is no SMSA, in accordance with Chapter 13339 of the California Health and Safety Code.

**Major subdivision:** A division of land resulting in five or more lots for the purpose of sale, transfer, or financing as regulated by the Subdivision Map Act (CGC §65000 et seq.).

**Management Plans:** Plans prepared by public land agencies for use in managing agency lands.

**Man-Made Wetlands.** Man-made wetlands consisting entirely of a man-made drainage ditch, or other man-made drainage or storage device, construction, or system.

**May.** The term 'may' is used to indicate a permissible possibility that is optional.

**Mean Annual Recruitment (MAR):** mean amount of aggregate (gravel) replenished by natural processes over the previous year for a given river segment.

**Mello-Roos Community Facilities District:** Districts (not a "special district" as defined below) often referred to as either Mello-Roos Districts or Community Facilities Districts, established to finance public infrastructure and services through voter approved property taxation (see Mello-Roos Community Facilities Act of 1982, California Government Code Section 53311 and following).

**Memorandum of Agreement (MOA):** An executed agreement between two entities wherein an understanding has been formalized regarding specified actions and responsibilities each entity is to undertake.

**Mesophytic Plant:** Any plant growing where moisture and aeration conditions lie between extremes (i.e., plants typically found in habitats with average moisture conditions, not usually dry or wet).

**Micro Hydroelectric System:** Very small scale electrical generating systems using run of the river type diversions with up to 100 kilowatts of electrical generating capacity.

**Mining Groundwater or Overdraft:** Overdraft is a condition of a groundwater basin or aquifer in which withdrawals exceed recharge (i.e., more water is taken out than is put back in).

**Minor subdivision:** A division of land resulting in four or less lots for the purpose of sale, transfer, or financing as regulated by the Subdivision Map Act (CGC §65000 et seq.).

**Mitigation Measure:** A measure that will eliminate, avoid, rectify, compensate for or reduce an adverse environmental effect.

**Mixed Use Areas:** Areas that allow a mix of uses, typically commercial and residential uses.

**Mobile Sources:** Sources of air pollution such as automobiles, motorcycles, trucks, off-road vehicles, boats, and airplanes (compare with Stationary Sources).

**Moderate Income:** A household whose income does not exceed 120% of the median household income of the SMSA (subject to adjustments in some areas) in accordance with Chapter 1339 of the California Health and Safety Code.

**Modified Overall Condition Index (MOCI):** A measure developed by consultants to apply the OCI more broadly to all roads in the Urban Study Areas. Like the OCI, the MOCI is used to prioritize road maintenance projects.

**Multi-Modal Transportation:** A balanced multi-modal transportation system is one that accommodates public transit, bicycles, and pedestrians, as well as motorized vehicles.

**Multiple Use:** Management for a variety of uses, including resource production.

**Municipal Advisory Committee (MAC):** A standing committee appointed by the Board of Supervisors for the purpose of advising the Board on community matters.

**Municipal Service Review:** LAFCo determination for each service provider and service type with respect to infrastructure needs or deficiencies; growth and population projections for the affected area; financing constraints and opportunities; cost avoidance opportunities; opportunities for rate restructuring and shared facilities; government structure options, including advantages and disadvantages of consolidation or reorganization of service providers; evaluation of management efficiencies; and local accountability and governance (see California Government Code Section 56430).

**Mutual Water System:** A mutual water system is a user owned service. Common users together pay the cost of providing service without legal authority to tax.

**Natural groundwater recharge:** Increasing groundwater quantity by natural percolation of rainfall or by surface irrigation so as not to have any significant impact on groundwater quality, and excludes intentional underground injection of treated wastewater or other contaminants that degrade aquifers.

**Natural Hazards.** Threats to human health and safety resulting from any of the following sources: flooding, including flooding from dam inundation and tsunamis; wildland fires; earthquakes and other seismic related hazards such as liquefaction; and geologic hazards including landslides and unstable soils.

**Natural Park(s) (area):** Areas within a park left in a natural state (i.e., not graded, cleared of vegetation, landscaped, or otherwise developed).

**Negative Declaration:** When a project is not exempt from CEQA and will not have a significant adverse effect upon the environment a negative declaration must be prepared. The negative declaration is an informational document that describes the reasons why the project will not have a significant effect and proposes measures to completely mitigate or avoid any possible effects.

**Neighborhood Associations:** An organization of residents of a certain defined area or neighborhood formed with the expressed intent of monitoring and participating in community issues affecting or involving the area or neighborhood.

**Neighborhood Commercial:** Retail services which provide convenient sales facilities to residential areas, such as coin operated laundries, food markets and variety stores.

**Neighborhood Watch Program:** An organization of residents of a certain defined area or neighborhood formed in coordination with local law enforcement agencies to provide supplemental public safety and security measures for the area or neighborhood. Typical neighborhood watch programs can include neighborhood citizen patrols, diligence in reporting suspicious activities or persons, and crime-prevention education outreach.

**New Development:** Conversion of land from a natural state to a different use. Typically new development involves construction of structures, but it also includes pre-development activities, including land clearing and grading.

**Non-Agricultural Uses:** Land uses not directly or ancillary related to the production of food and fiber.

**Non-conforming Use (also known as "Grandfathered Use"):** A use which was lawfully conducted prior to the effective date of the use regulations for the area in which it is located and with which regulations it does not comply.

**Non-motorized transportation facilities:** Improvements for bicycles and pedestrians, and for the mobility-challenged, including sidewalks, crosswalks, and bicycle lanes associated with the road system.

**Non-Point Source Pollution:** As compared with "point-source pollution", substances introduced into the air, soil, and water from indistinct, multiple, non-specific sources or locations. Examples of non-point source pollution include automobile exhaust emissions, grease, oil and lubricants from parking lots, and stream sedimentation from graded areas.

**Non-Tidal Slough:** Any portion of a slough which is not inundated with sea water by the daily ebb and flow of the tides.

**Non-Traditional Recreation:** Novel, unique, and contemporary recreational activities departing from the more generally recognized and traditional, or organized sport pursuits. Examples of non-traditional recreation includes skateboard parks, "Frisbee® golf" courses, and mountaineering climb-walls.

**North Coast Unified Air Quality Management District:** The North Coast Unified Air Quality Management District is a local government agency formed to protect the air resources of Humboldt, Del Norte, and Trinity counties. The NCUAQMD is governed by five member Board comprised of elected officials that are appointed by the respective Board of Supervisors, and one member is a city representative who is selected by a committee comprised of mayors of the incorporated cities that are within the North Coast Unified Air District.

**Off Street Parking:** Parking areas outside the street right of way.

**On Street Parking:** Parking areas within the street right of way.

**Open Space:** An area of reserved land that does not include built-up residential, commercial, industrial or other urban land uses. Open spaces are designated and set

aside for the purposes of avoiding hazardous conditions, protecting environmentally sensitive resources, to buffer and break-up contiguous developed areas, and to provide open areas for recreational uses. See Open Space Element.

**Open Space Implementation Standards:** The set of regulations administered by the Humboldt County Community Development Services—Planning & Building Department Divisions to ensure that the issuance of building permits and other grants of development authority are consistent with established policies for the protection of open space areas, especially watercourses, riparian corridors and wetlands.

**Overall Condition Index (OCI):** A measure used by Humboldt County to rate the condition of a sample of arterial and collector roadway surfaces on a scale from 0-100. This measure is used to prioritize road maintenance projects.

**Overcrowding:** A condition caused by insufficient living space. A housing unit is defined as overcrowded when there are more than 1.01 people per habitable room.

**Overlay Zone:** A set of zoning requirements that is superimposed upon a base zone. Overlay zones are generally used when a particular area requires special protection (as in a historic preservation district) or has a special problem (such as steep slopes, flooding or earthquake faults). Development of land subject to overlay zoning requires compliance with the regulations of both the base and overlay zones.

**Parcel:** A legally recorded tract or plot of land.

**Parcel Map:** A minor subdivision resulting in fewer than five lots. The city or county may approve a parcel map when it meets the requirements of the general plan and all applicable ordinances. The regulations governing the filing and processing of parcel maps are found in the state Subdivision Map Act and the local subdivision ordinance.

**Parkland Dedication:** Pursuant to the Quimby Act, the requirements for dedication of land (or the payment of a fee) for the development of parkland to serve the recreational needs of new residents of the subdivision and the community at-large.

**Parkland Dedication In-lieu Fee(s):** Fees paid in-lieu of the dedication of land for park purposes required under the Quimby Act.

**Passive Recreation:** Non-consumptive recreational pursuits that do not involve activities or the use of equipment for which sanctioned areas or facilities (i.e., play fields, rinks, bowls, tracks etc.) are required. Examples of passive recreation include walking, hiking, or nature study.

**Patent Parcel.** A parcel created by a grant of formerly public land to an individual from the federal or state government.

**Pavement Management System (PMS):** The system used by Humboldt County to generate pavement distress data for a representative sample of arterial and collector roadways in Humboldt County. This data forms the basis of an "Overall Condition Index" (OCI), which rates roadway surfaces on a scale from 0-100.

**Pedestrian and Bicycle Facilities:** Sidewalks, walking trails, bike paths, bike lanes, and other facilities for the mobility of pedestrians and bicyclists.

**PEIR:** See "Program Environmental Impact Report".

**Perennial Stream:** A watercourse whose waterflows occur year-round.

**Performance Standards:** A set of operational constraints on a particular land use to limit the effects of noise, traffic, glare, dust, odors, emissions, vibration, and other impacts to adjacent properties.

**Plan Lines:** The schematic location of future road and street connections identified in the Circulation Plan to provide coherent pedestrian, bicycle, and vehicular transit throughout the community. Developments occurring on properties adjacent or crossed by plan lines are responsible for the establishment of the street right-of-way or physical improvements proportional to the effects of that development on overall community circulation.

**Planned Development Combining Zone (-P):** An overlay zone used in conjunction with an area's principal zoning to designate the area where a Planned Unit Development may be allowed.

**Planned Rural Development Program (PRD Program):** A program for lands designated AG, AGR and T that allows voluntary clustering of homesites at a density above what would otherwise be allowed when lands most suitable for resource production are retained for higher protection and/or permanent continued production.

**Planned Unit Development (PUD):** A class of development intended to be assessed in its unified entirety, not on a lot-by-lot, basis. Exceptions to base zone standards may be granted to Planned Unit Developments allow a more integrated development (i.e, mixed uses, clustering) compared to that which could be developed under standard established zoning standards.

**Planning Commission:** A group of residents appointed by the city council or board of supervisors to consider land use planning matters. The commission's duties and powers are established by the local legislative body and might include hearing proposals to amend the general plan or rezone land, initiating planning studies (road alignments, identification of seismic hazards, etc.), and taking action on proposed subdivisions.

**PM<sub>10</sub>:** Particulate matter less than 10 microns in diameter. A pollutant caused by airborne particles that are 10 microns in diameter and smaller.

**Policy:**

1. A specific statement guiding action and implying clear commitment;
2. A collective term describing those parts of a General Plan that guide action, including goals, policies, standards and implementation measures.

**Population Projection:** An estimate of future population based on current demographic trends.

**Prescriptive Easement:** An easement created through the open, adverse, and continuous use of land owned by another person over a statutory period granted by a court of law.

**Prime Agricultural land:** (per California Government Code Section 51201 (c) means:

1. all land which qualifies for rating as Class I or Class II in the Soil Conservation Service land use capability classifications.
2. land which qualifies for rating 80 through 100 in the Storie Index Rating.
3. land which supports livestock used for the production of food and fiber and which has an annual carrying capacity equivalent to at least one animal unit per acre as defined by the U.S.D.A.
4. land planted with fruit or nut bearing trees, vines, bushes or crops which have a non-bearing period of less than five years and which will normally return during the commercial bearing period on an annual basis from the production of unprocessed agricultural plant production not less than \$200.00 per acre.
5. land which has returned from the production of unprocessed agricultural plant products on an annual gross value of not less than \$200.00 per acre for three of the five previous years.

**Program Environmental Impact Report (EIR):** A Program EIR is prepared on a series of actions that can be characterized as one large project (see CEQA guidelines Section 15168). A Program EIR generally establishes a framework for "tiered" or project-level environmental documents that are prepared in accordance with the overall program.

**Property Right.** A generic term which refers to any type of right to specific real property.

**Public Services:** Public services include water supply and wastewater systems, fire protection, law enforcement, street lighting, and recreation.

**Public Water Systems:** Public water system means a system for the provision of water for human consumption through pipes or other constructed conveyances that has 15 or more service connections or regularly serves at least 25 individuals daily at least 60 days out of the year (Health and Safety Code §116275). Public water systems are regulated by the State Department of Public Health, Drinking Water Programs. The County Department of Health Services, Environmental Health regulates other water systems.

**Quimby Act:** Pursuant to California Government Code Section 66477, legislation which authorizes local agencies to require parkland dedication or the payment of parkland dedication in-lieu fee(s) as a condition of subdivision.

**Rare Species:** These species may not presently be in danger of extinction, but are of such few number that survival is threatened if its habitat is degraded. (See also Critical Habitat, Endangered Species; California Endangered Species Act of 1970, California Species Preservation Act of 1970; Federal Endangered Species Act of 1973, amended in 1978 to include plants; California Native Plant Protection Act of 1977).

**RCEA:** See "Redwood Coast Energy Authority".

**Reclamation Plan:** Prepared by mine operator pursuant to the Surface Mining and Reclamation Act detailing reclamation requirements for mined lands.

**Recreation Private and Noncommercial:** Clubs or recreation facilities operated by a nonprofit organization and open only to bona fide members of such nonprofit organizations and their guests.

**Redwood Coast Energy Authority (RCEA):** RCEA was formed in 2003 as a Joint Powers Association (JPA), representing seven municipalities (the Cities of Arcata, Blue Lake, Eureka, Ferndale, Fortuna, Trinidad and Rio Dell) and Humboldt County. The Redwood Coast Energy Authority's (RCEA) purpose is to develop and implement sustainable energy initiatives that reduce energy demand, increase energy efficiency, and advance the use of clean, efficient and renewable resources available in the region.

**Redwood Community Action Agency (RCAA):** A not-for-profit quasi-public agency responsible for the administration of numerous federal, state and local grant and community service programs.

**Referendum:** A ballot measure challenging a legislative action by the city council or county board of supervisors. When sufficient voter signatures are filed before the council or board action becomes final, the council or board must either set aside its action or call an election on the matter. Use permits, variances, and subdivisions cannot be challenged by referendum.

**Regional Transportation Plan (RTP):** A regional transportation plan developed updated every two (2) years by the Humboldt County Association of Governments (HCAOG).

**Resource Lands:** Properties primarily used for natural resource production which also provide environmental benefits. Examples include, but are not limited to, timberland, agricultural lands, rangeland, open space and parklands.

**Retention Basin:** A topographic feature, either naturally occurring or terra-formed where stormwater runoff is intercepted and retained for on-site percolation into the ground.

**Right(s)-Of-Way:** An area or strip of land, either public or private, on which an irrevocable right of passage has been recorded for the use of vehicles or pedestrians or both.

**Right to Farm Ordinance:** An ordinance within the Humboldt County Code which states the policy of the County to protect planned and zoned agricultural uses from untoward nuisance claims for adjacent properties in non-agricultural uses.

**Riparian:** The transitional area between terrestrial and aquatic habitats where vegetation favors moist soil conditions and has a different species composition compared to adjacent uplands. Riparian vegetation is often characterized by the presence of alder, willow, and cottonwoods.

**Riparian Corridor:** The area containing and immediately adjoining streams, creeks, rivers and other waterways. These areas usually contain vegetation commonly occurring adjacent to streambanks and including such plants as willows, alders, cottonwood, wax myrtle, big leaf maple, California laurel, red elderberry, etc. The width of a riparian corridor may vary depending upon the extent of this vegetation.

**Riparian Vegetation:** refers to vegetation commonly occurring adjacent to stream banks and includes such plants as willows, alders, cottonwood, wax myrtle, big leaf maple, California laurel, red elderberry, etc.

**Road Standards:** (Appended by Res. No. 85-55)

1. The "*Rural Principal Arterial*" system consists of a connected rural network of continuous routes which have trip length and travel density characteristics indicative of substantial statewide or interstate travel.
2. The "*Rural Minor Arterial*" road system, in conjunction with the rural principal arterial system, links cities and towns above 5,000 in population and other major traffic generators, and forms an integrated network providing interstate and intercounty service.
3. "*Rural Connectors*" provide connections between the higher order systems and have low volume/ long trip length characteristics.
4. The "*Rural Collector*" routes generally serve travel of primarily regional importance rather than statewide importance and constitute those routes on which (regardless of traffic volume) predominant travel distances are shorter than on arterial routes. The collector road system is subclassified into two categories:
  - a. "Major Collectors" are spaced at intervals, consistent with population density, to collect traffic from local roads and bring all developed areas within a reasonable distance of a collector road.
  - b. "Minor Collectors" are spaced at intervals, consistent with population density, to collect traffic from local roads and bring all developed areas within a reasonable distance of a collector road.
5. The "*Rural Local Road*" system serves primarily to provide access to adjacent land and accommodate travel over relatively short distances as compared to higher systems. (Not shown individually on circulation map.)
6. "*Urban Principal Arterials*" in conjunction with Rural Principal Arterials, provide the highest level of conventional street service to virtually all area traffic generators.

**Rural Lands:** For the purposes of administering the policies of this Plan, all lands beyond the Urban Development Area.

**Rural Character:** The prevailing qualities and characteristics of non-urban, non-suburban areas. At a minimum, rural character includes those distinct attributes such as low intensity development, a diverse landscape of open spaces and relatively small developed areas, and social and economic activities that stress a continuance of historical basic industry land uses of the area such as agriculture, forestry, and fishing. Rural character contrasts with urban or suburban characteristics in the absence of high intensity or sprawling development, limited natural areas, centralized commercial, industrial, or service sector based economy, and cultural pursuits more akin to metropolitan areas.

**Sanitary District:** A special district, governed by an independently elected board of directors, formed to provide wastewater service, but can also provide a limited range of other services (see California Water Code Section 30000 and following).

**Scenic Highway:** Roads designated as part of the State or county scenic highway system pursuant to the policies contained in Chapter 3 of this plan

**School Impact Fees:** Proposition 13 put a limit on property taxes and thereby limited the main source of funding for new school facilities. California law allows school districts to impose fees on new developments to offset their impacts on area schools.

**Seismic:** Of, subject to, or caused by an earthquake.

**Sound Exposure Level (SEL):** the total noise energy produced from a single noise event. It is computed from measured dBA sound levels, and is the integration of all the acoustic energy contained within the event.

**Self Help Housing Sponsor:** An existing entity that is willing and able to assist in applying for and carrying out a grant under the Self Help Housing Program of the Farmers House Administration as provided in Section 1933.403(k), Title 7, Code of Federal Regulations (Department of Agriculture).

**Sensitive Habitats:** See definition in §10.3.4 BR-S4.

**Setback:** A minimum distance required by zoning to be maintained between two structures or between a structure and property lines.

**Shall.** "shall" indicates an unequivocal commitment.

**Short Term:** Ten years or less.

**Should.** "Should" is advisory, in that it, like "may" is not mandatory, but "should" indicates a policy preference of the County.

**Slope Instability:** Areas where soil and geologic conditions are such that earth movement is eminent to varying degrees of magnitude and frequency.

**Small Hydroelectric System:** Small scale electrical generating systems using run of the river type diversions and existing impoundments.

**SMARA:** See "Surface Mining and Reclamation Act of 1975".

**Soil Vegetation Map:** Prepared by the California State Cooperative Soil Vegetation Survey, which classifies soil and vegetation types.

**Solis Waste Facility:** A facility that includes non-deposal facilities such as transfer stations and container sites, and disposal facilities such as land fills, incinerators, or wood waste disposal sites.

**Special Assessment.** A charge imposed on a particular real property parcel for a public improvement or service of benefit to that parcel, where the parcel receives direct

benefit over and above that received by the general public (see Article XIII D of the California Constitution).

**Special Communities and Neighborhoods:** include the following:

1. areas characterized by a particular cultural, historical or architectural heritage that is distinctive in the coastal zone;
2. areas presently recognized as important visitor destination centers on the coastline;
3. areas with limited automobile traffic that provide opportunities for pedestrian and bicycle access for visitors to the coast;
4. areas that add to the visual attractiveness of the coast.

**Special District:** A local governmental agency formed pursuant to general law of the state or special act (for a list of special districts subject to LAFCo authority see California Government Code Section 56436), such as a community services district or fire protection district, that delivers specific public services within defined boundaries. The Cortese-Knox-Hertzberg Local Government Reorganization Act of 2000 (the state law that governs the activities of LAFCO) more narrowly defines a special district and excludes school related districts, financing districts and numerous other districts.

**Special Tax:** A tax, the proceeds of which are dedicated to a specific purpose. Because it is a tax, not a fee or assessment, the amount of the special tax is not limited to the relative benefit it provides to taxpayers. Special taxes cannot be imposed on an ad valorem (property value) basis (see Article XIII C of the California Constitution).

**Special Treatment Area Standards:** Those criteria and requirements found in Title 14, Chapter 4 of the California Code of Regulations.

**Specific Plan:** A plan addressing land use distribution, open space availability, infrastructure, and infrastructure financing for a portion of the community. Specific plans put the provisions of the local general plan into action (see Government Code Sections 65450 et seq.).

**Sphere of Influence:** A Sphere of Influence is a plan for the probable physical boundaries and service area of a local agency, as determined by the Local Agency Formation Commission (see California Government Code Section 56076).

**Spillways:** An alteration of a dike or levee above the level of mean higher high water for the purpose of drainage of flood waters.

**Sprawl:** A form of development that makes large amounts of land available for low density development, encouraging automobile use, and discouraging other forms of travel, such as walking or biking.

**Special Permit:** A type of discretionary permit issued by either the Planning **and Building** Director or Planning Commission for any of the numerous uses or developments indicated within the Humboldt County Zoning Ordinance as requiring such a permit. Findings to allow the granting of a Special Permit involve an affirmative determination on the project's conformance with the general plan, consistency with zoning regulations, satisfying all related development standards, and that the proposed use and

improvements may be operated or maintained in such a manner as to not be detrimental to the public health, safety, or welfare, or materially injurious to properties or improvements in the vicinity.

**Special Treatment Area Standards:** Those criteria and requirements found in Title 14, Chapter 4 of the California Code of Regulations, regarding the harvesting of timber in designated environmentally sensitive habitat areas. As intended in this Plan, only those performance standards for the protection of Streamside Management Areas associated with non-commercial, personal-use firewood cutting apply (i.e., retention of snags and live trees with visible evidence of nesting by eagles, osprey, herons, egrets or any endangered species, as identified by the Department of Fish and Wildlife; minimized ground disturbance and erosion; avoidance of watercourse siltation and sedimentation). Standards regarding timber re-stocking, silvicultural practices, ground preparation, slash treatment, pre-harvest inspection and monitoring by a registered professional forester do not apply.

**Standards:** A specific, often quantified, guideline defining the relationship between two or more variables. Standards can often translate directly into regulatory controls.

**State Small Water System:** A State Small Water System is a system for the provision of piped water to the public for human consumption that serves at least five, but not more than 14, service connections and does not regularly serve drinking water to more than an average of 25 individuals daily for more than 60 days out of the year. State small water systems are regulated by the Humboldt County Department of Health Services, Environmental Health.

**State Subdivision Map Act:** Enabling legislation establishing statewide uniformity in local subdivision procedures, generally leaving the standards for regulating the design and improvement of subdivisions to local government.

**Stationary Sources – Air Quality:** Non-mobile sources such as power plants, refineries, and manufacturing facilities that emit air pollutants (compare with Mobile Sources).

**Storie Index:** A system for rating soils according to its quality based on four soil factors including: soil profile, soil texture, slope, and a set of soil limitations.

**Streamside Management Area:** An area containing lands within and adjacent to a perennial stream, creek, river or other waterway for protecting sensitive fish and wildlife habitats and minimizing erosion, runoff and interference with surface water flows.

**Stream Channel:** The area of a stream between its stream transition lines.

**Stream Transition Line:** That line closest to a stream where riparian vegetation is permanently established.

**Streetscape:** View of the street

**Structure:** includes, but is not limited to, any building, road, pipe, flume, conduit, siphon, aqueduct, telephone line, and electrical power transmission and distribution line. (Public Resources Code Section 30106).

**Substantial Adverse Change:** Demolition, destruction, relocation, or alteration such that the significance of the resource or its immediate surroundings would be impaired.

**Surface Mining and Reclamation Act of 1975 (SMARA):** Requires the State Mining and Geology Board to adopt State Policy for the reclamation of mined lands, mandates local governments to require reclamation plans for surface mining operations.

**Sustainable Yield:** Is defined as the amount of water (or other resource) that can be used over the long term without exceeding the replenishment rates over time or causing long term declines in the resources.

**Tentative Map:** The map or drawing illustrating a subdivision proposal. The city or county will approve or deny the proposed subdivision based upon the design depicted by the tentative map. A subdivision is not complete until the conditions of approval imposed upon the tentative map have been satisfied and a final map has been certified by the city or county and recorded with the county recorder.

**Terrace Mining:** The excavation of pits on the adjacent floodplain or river terraces for purposes of gravel extraction.

**Timber Harvest:** See "Forest Operations"

**Timberland:** Land, other than land owned by the federal or state government and land designated by the Board of Forestry and Fire Protection as experimental forest land, which is available for, and capable of, growing a crop of trees of a commercial species used to produce lumber and other forest products, including Christmas trees. Commercial species shall be determined by the ~~board~~ Board of Forestry and Fire Protection on a district basis (Public Resources Code Section 4526).

**Timberland Conversion Permit:** A permit issued by the Director or the Board of Forestry and Fire Protection, approving the application for timberland conversion and authorizing a conversion of timberland to use or uses other than the growing of timber.

**Timber Management:** The cutting and/or removal of timber, other solid forest wood products, or other vegetation from timberlands for the purpose of improving the productivity of commercial species on the site together with all of the work incidental to this activity, such as construction and maintenance of roads, fuel breaks, fire breaks, stream crossings, and fire hazard abatement. Timber management activities include, but are not limited to: pre-commercial thinning, removal of non-preferred species (release), pruning, site preparation, protection practices, and incidental follow-up treatments. Pruning, protection practices, and incidental follow up treatments do not constitute development as defined by the 1976 Coastal Act. (See definition of "Development").

**Timber Products Processing:** Commercial processing of raw wood and wood products, including but not limited to sawmills, lumber mills and plywood mills.

**Timber Site Classes:** The classification of productive potential of timberland into one of five classes by Board of Forestry and Fire Protection regulation, consistent with normally accepted forestry practices. Site I shall denote sites of highest productivity, site II and site III shall denote sites of intermediate productivity potential, and site IV and site V shall denote sites of lowest productivity potential (Public Resources Code Section 4528(d)).

**Timber Production Zone (TPZ):** An area which has been zoned pursuant to Section 51112 or 51113 and is devoted to and used for growing and harvesting timber, or for growing and harvesting timber and compatible uses, as defined in subdivision (h) of Section 51104 of the California Government Code.

**TMDLs:** See "Total Maximum Daily Load"

**Top of Bank:** The land that confines or otherwise defines the outermost boundary of a lake or stream, when its waters rise to the highest level of confinement.

**Topsoil:** The uppermost portion of the soil profile, known as the "A horizon", characterized by a high concentration of humus and suitable for the rooting of plants and providing habitat for soil organisms. Topsoil varies in depth, but terminates at the "B horizon", where the presence of sand, silt, clay, gravel, and altered parent materials having a lack of organic material are encountered.

**Total Maximum Daily Load (TMDL):** A TMDL is a pollution budget for a specific waterbody (river, stream, lake, etc) that identifies the maximum amount of a pollutant (sum of allowable pollutant loads from point and nonpoint sources) that can be released without causing the waterbody to become impaired. A TMDL also must include a margin of safety to allow for any uncertainties in the scientific methods used to derive the TMDL (water quality modeling assumptions, etc.)

**Tract Map:** See "Final Map Subdivision".

**Traditional Recreation:** Those recreational pursuits historically established, commonly recognized and familiar to the general public. Examples of traditional recreation include softball, baseball, basketball, hockey, and soccer. Many traditional recreational activities can be considered active recreation.

**Traffic Calming:** A comprehensive traffic planning approach that seeks to maximize mobility while reducing the undesirable effects of that mobility. Traffic calming measures strive to develop a "streetscape" that serves the needs of all modes of transportation – pedestrians, bicyclists, and motorists – while incorporating traffic control devices, landscaping, and other techniques to integrate the street with uses on adjacent properties.

**Trail:** A surfaced pedestrian walkway, bicycle path, semi-improved recreational trail for walkers, bicyclists, and equestrians, an unimproved rural trail for hikers, mountain biking, and horse-riding.

**Transitional Agricultural land:** A wetland which has been altered for production of crops, including pasture, hay, or other forage, but where hydrophytes typical of non-farmed wetlands will predominate if farming is discontinued. In Humboldt County, these areas are typically diked former tidelands or clearly defined non-tidal sloughs used for hay or pasture.

**Trespass to Land.** Wrongful entry on another's real property.

**Urban Development/Expansion Area:** "Urban development area" refers to land generally developed to a density of one or more dwelling units per acre where adequate public

water and/or sewer services are provided. The urban development area constitutes an identifiable community that is substantially more developed than surrounding lands. "Urban expansion area" means land outside the urban development boundary that is expected to receive public water and/or sewer services when further development in the urban development area is not "possible or economically feasible." The urban expansion area contains an adequate supply of land as determined in the community planning areas.

**Urban Service Area:** Urban Service Area means areas within Urban Development Areas currently served with public water and sewer. For sewer service purposes, this area also includes all parcels adjacent to the Urban Services Area that can be served with a service line extension no longer than 300 feet from an existing public sewer system lateral or main line located within the Urban Service Area.

**Usable Parcel:** A parcel that can be developed for the principle use permitted under its land use designation and other policies of the applicable area plan.

**USDA CLASS I & II SOILS:** An interpretive soils classification for agricultural purposes which use soil and climatic data to place delineated lands into groups requiring similar management practices. Class I soils have virtually no limitations that restrict their use; Class II have some limitations that reduce the choice of crops or require moderate conservation practices.

**Variance:** A discretionary permit issued by the Planning Commission or Board of Supervisors to construct a structure or carry on an activity not otherwise permitted under zoning regulations. The statutory justification for a variance is that the owner would otherwise suffer unique hardships under the general zoning regulations because their particular parcel is different from others to which the regulation applies due to size, shape, topography or location. Variance may not be granted to authorize a land use or activity that is not otherwise authorized by the zoning regulations.

**Vehicle Miles Traveled (VMT):** The miles traveled by motor vehicles over a specified length of time (e.g., daily, monthly, or yearly) or over a specified road or transportation corridor.

**Viable:** Capable of working, functioning, or developing adequately.

**Visitor Serving Facilities:** means public and private developments that provide accommodations, food and services, including hotels, motels, campgrounds, restaurants, and commercial recreation developments such as shopping, eating and amusement areas for tourists.

**Volume to Capacity Ratio (V/C Ratio):** A measure of the volume of traffic on a road and its capacity to move traffic efficiently.

**Watershed:** Drainage area of a river, stream, lake or groundwater recharge area.

**Water Table:** The upper surface of an aquifer (zone of saturation).

**Water User:** A person or entity whose diversion, appropriation, extraction, acquisition, storage usage of water meets all applicable legal requirements.

**Water Service Areas:** Water Service Areas are areas where sewer service is not expected but community water service is available or expected to be available.

**Wetland(s):** See definition in §10.3.4 BR-S11

**Wetland(s) Buffer:** An area adjoining a wetland where development constraints have been applied to reduce adverse effects to the wetland from adjacent development and human activities. The width and extent of wetland buffers may vary depending upon the environmental significance or sensitivity of the wetlands, or the amount or degree of adjacent development and activity.

**Wetland Combining Zone (-WR):** An overlay zone used in conjunction with an area's principal zoning to designate the area subject to wetland protection polices and or the creation of wetland(s) buffers.

**Wetland Restoration:** Those activities undertaken within a wetland or wetland(s) buffers to reconstruct and revitalize an area that has been filled or otherwise degraded. Wetland restoration includes the extractive grading of overburden down to or near the water table, supplementing water in-flow, replanting of plants suited for permanent or periodic inundation or anaerobic soils, and other measures to establish fish and wildlife habitat.

**Williamson Act:** California Land Conservation Act of 1965 (Gov. Code Sec. 51201). Combines preferential taxation and restrictive agreement in a program through which cities and counties can offer tax incentives to qualifying landowners based on use value assessments.

**Working Lands:** Resource production lands, that is, timber and agricultural lands being used to produce timber and agricultural products.

**Xerophytic Plant:** Any plant growing in a habitat in which an appreciable portion of the rooting medium dries to the wilting coefficient at frequent intervals (i.e., plants typically found in very dry habitats).

**Z'Berg-Nejedly Forest Practice Act:** That portion of California state law (Division 4, Chapter 8, Public Resources Code) which establishes regulations for the growth, harvesting, management, and restocking of timberlands.

**Zone:** A discrete delineated area in which land use activities are subject to affirmative, conditional, or prohibitive regulations and prescriptions in the interest of promoting and protecting human health, safety, and welfare.

**Zoning:**

1. (verb) The division of a community into districts and the prescription of allowable uses and development standards for each;
2. (noun) Local codes regulating the use and development of property. The zoning ordinance divides the city or county into land use districts or "zones", represented on zoning maps, and specifies the allowable uses within each of those zones. It establishes development standards for each zone, such as minimum lot size, maximum height of structures, building setbacks, and yard size.

**Zoning Administrator:** A Planning **and Building** department staff member or other individual who serves as a hearing officer responsible for hearing minor zoning permits. Typically the zoning administrator considers variances and conditional use permits and may interpret the provisions of the zoning ordinance when questions arise. His/her decision may be appealed to the local planning commission and/or legislative body.

**Zoning Consistency:** The state in which the location, design, improvements, and effects of a development project proposal have been determined to be in harmony with established standards for the zone in which it is located.

**Zoning Reclassification:** A local legislative action to change the zoning district classification of an area from its existing classification to another. Such an action must be consistent with the general plan.

**Glossary Use Types:**

*This glossary of use types is excerpted from the Humboldt County Zoning Regulations to provide a complete listing of the Allowable Use Types used in the Land Use Classification Tables found in Chapter 4 – Land Use Element.*

## 313-170      AGRICULTURAL USE TYPES

Agricultural use types include the on site production of plant and animal products by agricultural methods. The following are agricultural use types:

- 170.1      **Agriculture-Related Recreational.** The Agriculture-Related Recreation Use Type includes recreational facilities developed in conjunction with agriculture, including hunting and duck camps, skiing and dude ranches, but not including such recreational activities as golf courses which require non-agricultural development.
- 170.2      **Feed Lot/Slaughter House.** The Feed Lot/Slaughter House Use Type includes large on-site yard(s) with pens or stables and other structures, other than those which are a part of a typical livestock ranch, where cattle, sheep, and similar animals are kept for finishing, shipment or slaughter.
- 170.3      **General Agriculture.** The General Agriculture Use Type includes cultivation of food and fiber such as field and tree crops, dairying, pasturage, tree farming, horticulture, floriculture, viticulture, apiaries, and animal and poultry husbandry, but not including feed lots, stock yards, slaughter houses, hog farms, fur farms, turkey farms, frog farms, fertilizer works or plants for the reduction of animal matter.
- 170.4      **Hog Farming.** The Hog Farming Use Type refers to any premises used solely or primarily for the raising or keeping of three (3) or more hogs, when raised, fed or fattened for the purposes of sale and consumption by other than the owner or resident of the site.
- 170.5      **Intensive Agriculture.** Any premises used solely or primarily for the raising or keeping of animals such as furbearers, frogs, or turkeys, when raised, fed or fattened for the purpose of sale and/or consumption by other than the owner of the site.
- 170.6      **Stables and Kennels.** The Stables and Kennels Use Type refers to raising and keeping of dogs or horses (or similar hoofed animals) for hire or animals boarded and fed for compensation. (See "Stable" and "Kennel" in Section C: "Index of Definitions of Language and Legal Terms.")

## 313-171 CIVIC USE TYPES

Civic Use Types include the performance of utility, educational, recreational, cultural, medical, Protective, governmental, and similar uses of importance to the public. The following are Civic Use Types:

- 171.1 **Administrative.** The Administrative Use Type includes the uses performed by public, public non-profit, parochial, and public utility administrative offices.
- 171.2 **Community Assembly.** The Community Assembly Use Type includes the activities typically performed by, or at, the following institutions or installations:
- 171.2.1 Churches, temples, synagogues, and other places of worship;
- 171.2.2 Public parochial, and private non-profit clubs, lodges, meeting halls, and recreation centers;
- 171.2.3 Public swimming pools.
- 171.3 **Cultural, Non-Assembly.** The Non-Assembly Cultural Use Type includes the activities typically performed by the following institutions:
- 171.3.1 Public, parochial, and private non-profit museums and art galleries and similar organizations;
- 171.3.2 Public, parochial, and private non-profit libraries and observatories and similar institutions.
- 171.4 **Electrical Distribution Lines, Major.**
- 171.4.1 This use type includes electrical utility wires, 60 kilovolt or larger, either above ground or underground, including supporting towers, poles and appurtenances, which are used for distributing, conveying or transmitting electrical energy.
- 171.4.2 This use type does not include the installation, testing, and placement in service or the replacement of any necessary utility connection between an existing service facility and any development approved pursuant to this ordinance.
- 171.5 **Essential Services.** The Essential Services Use Type includes uses which are necessary to support principal development. Typical Essential Services uses include:
- 171.5.1 Fire and police stations;
- 171.5.2 Ambulance services;
- 171.5.3 Post offices, excluding major processing centers;
- 171.5.4 Dumpster sites, solid waste transfer stations, and road maintenance yards;
- 171.5.5 Community wells, water storage tanks, and associated water treatment facilities.
- 171.5.6 Public, parochial and private day-care centers, family day care centers, nursery schools, elementary, junior high, and high schools. (Amended by Ord. 1842, Sec. 18, 8/16/88)

171.5.7 Public and parochial parks, playgrounds and playing fields.

171.6           **Extensive Impact Civic Use.** The Extensive Impact Civic Use Type includes the uses typically performed by, or the maintenance and operation of, the following institutions and installations:

171.6.1 Airports, heliports, and helistops;

171.6.2 Railroad stations;

171.6.3 Bus Depots;

171.6.4 Publicly operated parking garages;

171.6.5 Water and wastewater treatment plants;

171.6.6 Cemeteries, mausoleums, crematoriums and columbariums;

171.6.7 Sites for storage, repair and processing of materials and equipment and vehicles operated by governmental entities;

171.6.8 Military installations;

171.6.9 Electrical power plants operated by a government entity or public utility;

171.6.10 Gas and oil storage facilities for power plants operated by a government entity or public utility.

171.7           **Generation and Distribution Facilities, Minor.**

171.7.1 The Minor Generation and Distribution Facilities Use Type includes wind generators and accessory structures; small hydroelectric generators (less than 5 megawatt) and accessory structures and utility lines; and communication transmission facilities, including radio and television transmission antennae, communication equipment installations and exchanges, and substations.

171.7.2 The Minor Generation and Distribution Facilities Use Type does not include broadcasting and offices or sites for the storage or processing of materials or equipment.

171.8           **Health Care Services.**

171.8.1 The Health Care Services Use Type includes the uses typically performed by the following institutions:

171.8.1.1 Health and medical clinics;

171.8.1.2 Hospitals;

171.8.1.3 Nursing homes, convalescent hospitals, rest homes, and homes for the aged with seven or more patients, or with mental, drug addict, or alcohol addict cases;

171.8.1.4 Medical centers for observation or rehabilitation, with full-time supervision or care.

171.8.2 This use type does not include Community Care Facilities, which are a residential use (See, Community Care Facilities.)

171.9 **Oil and Gas Pipelines.**

171.9.1 The Oil and Gas Pipelines Use Type includes any gas pipeline, carrying 60 PSI pressure or above, distribution line, above or below ground, used to transport, convey, or distribute oil, petroleum, petroleum products, natural gas, or other flammable or hazardous substances.

171.9.2 This use type does not include the installation, testing, and placement in service or the replacement of any necessary utility connection between an existing service facility and any development approved pursuant to this ordinance.

171.10. **Public Recreation and Open Space.** The Public Recreation and Open Space Use Type refers to a publicly-owned and maintained parkland and low intensity uses attendant thereto, such as tent camps and picnic areas and food service and other concessions.

171.11 **Solid Waste Disposal.**

171.11.1 The Solid Waste Disposal Use Type includes:

171.11.1.1 The disposal of all putrescible and non-putrescible solid and semi-solid wastes, such as refuse, garbage, rubbish, paper, ashes, industrial wastes, demolition and construction wastes, abandoned vehicles and parts thereof, discarded home and industrial appliances, manure, vegetable or animal solid and semi-solid wastes, and other discarded solid and semi-solid wastes; and

171.11.1.2 Liquid wastes disposed of in conjunction with solid wastes at solid waste transfer stations, processing facilities or disposal sites.

171.11.2 The Solid Waste Disposal Use Type excludes:

171.11.2.1 Sewage collected and treated in a sewerage system; or

171.11.2.2 Materials or substances having commercial value that have been salvaged for reuse, recycling or resale.

171.12 **Utilities, Minor.** The Minor Utilities Use Type includes the erection, construction, alteration or maintenance of private wells and on-site sewage disposal system, gas, electric and water.

313-172 **COMMERCIAL USE TYPES**

Commercial Uses include the distribution and sale or rental of goods; the provision of services other than those classified as Civic Uses; and the

administrative and research operations of private, profit-oriented firms. The following are Commercial Use Types:

- 172.1           **Automotive Sales, Service and Repair.** The Automotive Sales, Service and Repair Use Type includes the sales from the premises of motor vehicles, accessory parts and supplies, and the provision of services generally required in the operation and maintenance of motor vehicles; the major repair or painting of motor vehicles, including body work and installation of major accessories, as well as the washing and polishing of motor vehicles. Auto sales from the premises are also included.
- 172.2           **Bed and Breakfast Establishment.**
- 172.2.1 The Bed and Breakfast Establishment Use Type refers to a residential structure with one family in permanent residence where a maximum of four (4) bedrooms without individual cooking facilities are rented for overnight lodging, and where at least one meal daily is provided.
- 172.2.2 This use type does not include "hotels and motels" which are included in the Transient Habitation Use Type; nor does this use type include rooming and boarding houses which are included under the Group Residential Use Type.
- 172.3           **Coastal-Dependent Commercial Recreation.** The Coastal-Dependent Recreation Use Type includes visitor serving recreational facilities which require channel access, such as marinas serving other than solely commercial vessels, fishing piers, boat launching facilities, bait shops, and marine hardware.
- 172.4.          **Commercial Recreation.** The Commercial Recreation Use Type refers to facilities serving recreational needs but operated for private profit, including, for example, riding stables, chartered fishing boats, tourist attractions and amusement or marine parks, including special occupancy parks and tent camps.
- 172.5           **Heavy Commercial.** The Heavy Commercial Use Type includes activities such as transfer, storage or processing of used, scrap or waste materials, including automobile wrecking, the sales, storage of building materials, construction and agricultural equipment, kennels, and animal hospitals.
- 172.6.          **Incidental Camping Area.** "Incidental Camping Area" as used in this ordinance has the same meaning as stated in Sec. 18208 of the California Health and Safety Code (Incidental camping area), which is any area or tract of land where camping is incidental to the primary use of the land for agriculture, timber management, or water or power development purposes, and where two (2) or more campsites used for camping are rented or leased or held out for rent or lease. The density of usage shall not exceed twenty-five (25) camping parties within a radius of 265 feet from ancampsite within the incidental camping area. (Added by Ord. 2167, Sec. 12, 4/7/98)
- 172.7           **Neighborhood Commercial.** The Neighborhood Commercial Use Type includes retail sales and services which provide convenient facilities to residential areas, such as coin operated laundries, food markets, variety stores, and automobile gas or filling stations.
- 172.8           **Office and Professional Services.** The Office and Professional Services Use Type includes administrative activities of private, profit-oriented administrative firms; radio and television broadcasting stations and offices; medical, dental and related services; professional, consultative, and financial services.

172.9 **Private Institution.**

172.9.1 The Private Institution Use Type includes sanitariums, rest homes and convalescent homes providing for the rooming or boarding of any aged or convalescent person, whether ambulatory or nonambulatory, for which a license has been acquired from county, state or federal agencies.

172.9.2 This use type does not include accessory residential uses.

172.10 **Private Recreation.** The Private Recreation Use Type includes clubs or recreation facilities operated by a nonprofit organization and open only to members of such nonprofit organizations and their guests.

172.11. **Recreational Vehicle Parks.** "Recreational Vehicle Park" as used in this ordinance has the same meaning as stated in Sec. 18215 of the California Health and Safety Code (Recreational Vehicle Park), which is any area or tract of land, or a separate designated section within a manufactured home park where one or more lots are rented or leased or held out for rent, or lease to owners or users of recreational vehicles or tents and which are occupied for temporary purposes subject to the Special Occupancy Park Regulations in this Chapter (Section 313-113.1).

172.12 **Retail Sales.** The Retail Sales Use Type includes the rental or sale, from the premises, of various consumer goods including food, household goods, business supplies, small equipment, agricultural supplies, and parts and accessories, and incidental storage activities.

172.13 **Retail Service.** The Retail Service Use Type includes the provision of services other than those classified as Civic Uses, including personal service, business service, eating and drinking establishments, automobile gas or filling station, minor automotive repair, group assembly for entertainment or athletic events, animal care and treatment, and undertaking services.

172.15. **Temporary Recreational Vehicle Park.** "Temporary Recreational Vehicle Park" as used in this ordinance has the same meaning as stated in Section 18217 of the California Health and Safety Code (Temporary Recreational Vehicle Park), which is any area or tract of land or a separate designated section within a manufactured home park where one or more lots are rented or leased, or held out for rent or lease to owners or users of recreational vehicles, and which is established for one occupancy not to exceed eleven (11) consecutive days, and is then removed.

172.16. **Tent Camp.** "Tent Camp" as used in this ordinance has the same meaning as stated in Title 25, California Code of Regulations, Section 2208 (Definitions - Tent Camp). "Tent Camps" are any area or tract of land where one or more lots are rented or leased or held out for rent or for the exclusive use of camping parties.

172.17. **Transient Habitation.** The Transient Habitation Use Type includes motels, hotels, resorts and other facilities other than special occupancy parks providing lodging services to guests on a less-than-weekly basis.

172.18. **Visitor Serving Facilities.** The Visitor Serving Facilities Use Type includes public and private developments that provide accommodations, food and services for tourists, including, for example, hotels, motels, tent camps, restaurants, vacation home rentals, and

commercial-recreation developments such as art galleries, antique shops, curio shops, eating and amusement areas.

172.19       **Warehousing, Storage and Distribution.** The Warehousing, Storage and Distribution Use Type refers to establishments or places of business primarily engaged in enclosed or open-air wholesaling, storage, distribution and handling of materials and equipment other than live animals and plants.

### 313-173       COMMERCIAL TIMBER USE TYPES

The Commercial Timber Use Type includes the on-site production of commercial timber products. The following are Commercial Timber Use Types:

173.1       **Timber Production.** The Timber Production Use Type refers to the growing, management, and harvesting of trees of any commercial species used to produce timber and other forest products including Christmas trees, and may include any use which is integrally related to the growing, harvesting and processing of forest products, including but not limited to roads, log landings, and log storage areas, portable chippers and portable sawmills. (See also, definitions for "Timber Harvest" and "Timber Management.")

173.2       **Timber-Related Recreation.**

173.1.1 The Timber-Related Recreation Use Type includes recreational facilities developed in conjunction with timber production, including hunting and duck camps, skiing, and dude ranches.

173.1.2 The Timber-Related Recreation Use Type does not include such recreational activities as golf courses which require non-timber related development.

### 313-174       EXTRACTIVE USE TYPES

Extractive Use Types include the on-site production of mineral products by extractive methods. The following are Extractive Use Types:

174.1       **Metallic Mineral Extraction.** The Metallic Mineral Extraction Use Type refers to the surface or subsurface extraction of metallic minerals such as gold, copper, chromium, and zinc, and not including stationary on-site processing facilities of any type; subject to Surface Mining and Reclamation Regulations in this Chapter (see Section 313-61.2).

174.2       **Oil and Gas Drilling and Processing.** The Oil and Gas Drilling and Processing Use Type refers to the operation and maintenance of oil and gas drilling including essential on-site processing, subject to the Oil and Gas Drilling and Processing Regulations in this Chapter (see Section 313-57.1).

174.3       **Surface Mining - 1.** The Surface Mining - 1 Use Type refers to surface extraction of nonmetallic minerals, such as sand, gravel and rock, and including fixed on-site processing facilities such as stationary crushers, separators, kilns, and transfer stations; or similar fixed facilities subject to the Surface Mining and Reclamation Regulations in this Chapter (see Section 313-61.2).

174.4       **Surface Mining - 2.** The Surface Mining - 2 Use Type refers to surface extraction of nonmetallic minerals such as sand and gravel, but not including stationary on-site

processing facilities of any type, subject to the Surface Mining and Reclamation Regulations in this Chapter (see Section 313-61.2).

174.5           **Surface Mining - 3.** The Surface Mining - 3 Use Type refers to surface extraction on nonmetallic minerals such as sand and gravel, confined only to rivers and areas of wind-blown sands, and not including stationary on-site processing facilities of any type; subject to the Surface Mining and Reclamation Regulations in this Chapter (see Section 313-61.2).

313-175           INDUSTRIAL USE TYPES

Industrial and Manufacturing Uses include the on-site production of goods by methods not agricultural or extractive in nature. The following are Industrial Use Types:

175.1           **Aquaculture.** The Aquaculture Use Type refers to aquaculture operations, including but not limited to oyster and mussel culturing, crab holding facilities and including support facilities such as earthen impoundments, steel or concrete holding tanks and raceways.

175.2           **Coastal-Dependent.** The Coastal-Dependent Use Type includes any coastal-dependent industrial use which requires a maintained navigable channel to function, including, for example: public docks, water-borne carrier import and export operations, ship building and boat repair, commercial fishing facilities, including berthing and fish receiving, and fish processing when product is for human consumption (fish waste processing and fish processing of products for other than human consumption are permitted under the Coastal-Related Use Type), marine oil terminals, Outer Continental Shelf (OCS) service or supply bases, ocean intake, outfall or discharge pipelines and pipelines serving offshore facilities, aquaculture and aquaculture support facilities.

175.3           **Coastal-Related.** The Coastal-Related Use Type includes coastal-related industrial uses, including but not limited to fish waste processing and fish processing of products for other than human consumption, gas or oil processing and treatment facilities, electrical generating facilities or other facilities which require an ocean intake, outfall, or pipeline. Within the MC Zone, this use type includes alterations, improvements, and relocations of existing general industrial uses.

175.4           **Cottage Industry.** The Cottage Industry Use Type refers to establishments primarily engaged in the on-site production of goods by hand manufacturing which involves only the use of hand tools or domestic mechanical equipment or a single kiln, and the incidental direct sale to consumers of only those goods produced on-site. Typical uses include ceramic studios, custom jewelry or small furniture and cabinet manufacturers.

175.5           **Hazardous Industrial.** The Hazardous Industrial Use Type includes any industrial activity which involves the handling of toxic, highly flammable, explosive or radioactive materials in such quantities that would, if released or ignited, constitute a significant risk to adjacent human populations or development.

175.6           **Heavy Industrial.** The Heavy Industrial Use Type refers to industrial plants engaged in manufacturing, compounding, processing, assembling, packaging, treatment or fabrication of materials and products, wrecking and salvage yards, petroleum refining, animal and fish products processing, electrical generation and

distribution, and pulp mills, but excludes activities included within the Hazardous Industrial Use Type.

175.7           **Research/Light Industrial.** The Research/Light Industrial Use Type includes non-nuisance, industrial, low-impact manufacturing, and development activities which do not create objectionable levels of noise, vibration, air pollution, odor, humidity, heat, cold or glare on nearby residential or commercial uses, such as the manufacture of electrical and electronic equipment, industrial and scientific research, medical testing and analysis and product testing, carpentry and cabinetmaking shops, clothing manufacture, contractor's yards, dry cleaning and laundry plants, lumber yards, metal-working shops, wholesale outlet stores, painter's and decorators' yards, plumbing shops, printing and lithographing, and associated administrative offices.

175.8           **Timber Products Processing.** The Timber Products Processing Use Type refers to the commercial processing of raw wood and wood products, including saw mills, lumber mills and plywood mills, but not including pulp mills.

313-176           NATURAL RESOURCE USE TYPES

Natural Resource Use Types include the on-site structures and activities which are compatible with the protection and enhancement of sensitive coastal resources. The following are Natural Resource Use Types:

176.1           **Boating Facilities.** The Boating Facilities Use Type includes the maintenance, improvement, and minor alteration of existing boating facilities in estuaries, consistent with Public Resources Code Section 30233.

176.2           **Fish and Wildlife Habitat Management.** The Fish and Wildlife Habitat Management Use Type refers to the manipulation or maintenance of vegetation or streams, or construction of minor structures to yield desired results in terms of habitat suitable for designated wildlife or fishery species or groups of species.

176.3           **Coastal Public Access Facilities.** The Coastal Public Access Facilities Use Type includes the development of coastal access facilities consistent with the Coastal Access Development Requirements.

176.4           **Resource-Related Recreational.** The Resource-Related Recreational Use Type includes activities such as nature study, hunting and fishing, and includes the development of hunting blinds and similar minor facilities.

176.5           **Watershed Management.** The Watershed Management Use Type includes manipulation or maintenance of a total area or portion of an area draining into a given waterway or reservoir for purposes of wildlife or fishery enhancement, water quality or quantity enhancement, siltation and erosion control and for flood plain management.

176.6           **Wetland Restoration.** The Wetland Restoration Use Type includes manipulation or management of an area to create or enhance wetland resource values such as fish and wildlife habitat, siltation and erosion control, and flood storage.

313-177 RESIDENTIAL USE TYPES

Residential Use Types include the occupancy of dwelling units on a wholly or principally non-transient basis. Residential uses do not include institutional living arrangements involving the provision of a special kind of care or forced residence, such as in nursing homes, orphanages, asylum, and prisons, except as otherwise provided for various community care facilities.

- 177.1 **Caretaker's Residence.** The Caretaker's Residence Use Type refers to living quarters which are incidental to and under the same ownership as the principal use.
- 177.2 **Community Care Facility.** This term includes all the use types defined in State Law as Community Care Facilities (currently at Chapter 3 of the Health and Safety Code, commencing with Section 1500) and refers to any facility, place, or building which is maintained and operated to provide non-medical residential care, day care, or home finding agency services for children, adults, or children and adults, including but not limited to the physically handicapped, mentally impaired, incompetent persons and abused or neglected children. Community Care Facilities providing these services for six or fewer individuals shall be considered a residential use of the property for the purposes of zoning. (See also, "Family Day Care Homes" and "Family Day Care Centers.")
- 177.3 **Family Day Care Center.** Any facility which provides, to more than twelve persons, non-medical care, or personal services, supervision, or assistance essential for sustaining the activities of daily living or for the protection of the individual on a less than twenty-four hour basis. Such Day Care Centers are a residential use of property. A Use Permit shall be required for the establishment of such a center. (See also, "Community Care Facilities" and "Family Day Care Homes.")
- 177.4 **Family Day Care Home.** Any facility which provides, to twelve or fewer children (including children of the owner or operator of the facility who reside at the home), non-medical care, or personal services, supervision, or assistance essential for sustaining the activities of daily living or for the protection of the individual on a less than twenty-four hour basis. (See also, "Community Care Facility" and "Family Day Care Center.")
- 177.5 **Farm Employee Housing.** The Farm Employee Housing Use Type refers to the occupancy by four or fewer farm employees and their families of any living accommodations, without regard to duration, which occurs exclusively in association with the performance of agricultural labor. (See also, "Farm Employee" in Section C: Index of Definitions of Language and Legal Terms.)
- 177.6 **Group Residential.** The Group Residential Use Type refers to the residential occupancy, for compensation, by groups of persons or individuals by pre-arrangement for definite periods. Typical uses include occupancy of sorority houses, retirement homes, and boarding houses.
- 177.7 **Guest House.** The Guest House Use Type refers to living quarters within a detached accessory building for the sole use of persons employed on the premises or for temporary use by guests of the occupants of the premises, which living quarters

have no kitchen facilities and are not otherwise used as a separate dwelling.

- 177.8           **Labor Camp.** The Labor Camp Use Type refers to the occupancy of five or more farm or timber production employees and their families of any living quarters in association with the performance of agricultural or timber production labor. Labor camps shall be located on the premises where the work is performed and shall have a maximum continuous permitted duration of one year (1yr) from the effective date of the required Use Permit.
- 177.9.           **Manufactured Home Park Development.** The Manufactured Home Park Development Use Type refers to a tract of land where two or more manufactured home lots are rented or leased or held out for rent or lease to accommodate manufactured homes or recreational vehicles used for human habitation. The Home Park Development Use Type includes manufactured home development constructed according to the requirements of Part 2.1 (commencing with Section 18200) of Division 13 of the Health and Safety Code. (Reference: Section 65852.7, Government Code.)
- 177.10           **Multi Family Residential.** The Multi Family Residential Use Type includes the residential occupancy of a duplex, or multiple main building or buildings by individuals or families on a non-transient basis. The specific types of multi-family uses allowed on a lot are specified in the Zoning Designations contained in this Chapter 3, Section A: Regulations for Zoning Districts.
- 177.11           **Residence Incidental to Agriculture or Commercial Timber Production.** (See Agriculture or Commercial Zoning Designations, Principal Permitted Uses.)
- 177.12           **Second Agriculture or Commercial Timber Production Residence.** (See Agriculture or Commercial Zoning Designations, Principal Permitted Uses.)
- 177.13           **Second Residential Unit (Second/Secondary Dwelling Unit).** The Second Residential Unit Use Type refers to a fully equipped dwelling unit which is ancillary and subordinate to a principal dwelling unit located on the same lot for occupancy by individuals or a family. (See Section 313-87.1, Second Residential Unit for regulations governing second residential units.)
- 177.14           **Single Family Residential.** The Single Family Residential Use Type includes the residential occupancy of a single detached main building by one family on a non-transient basis, except for rental of single family dwellings as vacation homes, where the use would not be otherwise different than the uses allowed to be made of single family dwellings. (See also, Residential Use Types, Vacation Home Rental.)

**List of Acronyms and Abbreviations:**

AASHTO	American Assoc of State and Highway Transportation Officials
ALUCP	Airport Land Use Compatibility Plans
ATCM	Airborne Toxic Control Measures
BCF	Billion Cubic Feet
BLM	Bureau of Land Management
CAL FIRE	California Department of Forestry and Fire Protection
CAL-OSHA	California Occupational Health and Safety Administration
Caltrans	California Department of Transportation
CCI	Committee for Citizen Involvement
CC&Rs	Covenants, codes and restrictions
CDFW	California Department of Fish and Wildlife
CEDS	Comprehensive Economic Development Strategy
CEQA	California Environmental Quality Act
CHERT	County of Humboldt Extraction Review Team.
CIP	Capital Improvement Plan
CNEL	Community Noise Equivalent Level
COG	Council of Governments
CPA	Community Planning Area
CPUC	California Public Utilities Commission.
CSA	County Service Area
CSD	Community Service District
CWA	Clean Water Act
DEIR	Draft Environmental Impact Report
DSC	Design Standards Committee
EIR	Environmental Impact Report
EOC	Emergency Operations Center
FAA	Federal Aviation Agency
FAR	Floor to Area Ratio
FCC	Federal Communications Commission

**List of Acronyms and Abbreviations:**

FEMA	Federal Emergency Management Agency
5-C's Program	Five Counties Salmonid Conservation Program
FPD	Fire Protection District
FRAP	Fire and Resource Assessment Program
FRI	Forest Residential Interface
GEATM	Greater Eureka Area Travel Model
GHGs	Greenhouse Gases
GIS	Geographic Information System
HBMWD	Humboldt Bay Municipal Water District
HBPP	Humboldt Bay Power Plant
HCAOG	Humboldt County Association of Governments
HWMA	Humboldt Waste Management Authority
ISO	Insurance Services Office
IWMP	Integrated Waste Management Plan
JPA	joint powers authority
JTMP	Joint Timber Management Plan
K/T Net	Klamath/Trinity Non Emergency Transportation
LAFCo	Local Agency Formation Commissions
LCP	Local Coastal Plan
LEED	Leadership in Energy and Environmental Design
Ldn	Day-Night Average Sound Level
Lmax	Maximum Noise Level
LOP	Letter of permission issued by the U. S. Army Corps of Engineers to authorize gravel extraction.
LOS	Level of Service
MAC	Municipal Advisory Committee
MOA	Memorandum of Agreement
MOCI	Modified Overall Condition Index
MFPP	Master Fire Protection Plan
NCIRWMP	North Coast Integrated Regional Waste Management Plan
NCLIA	North Counties Logging Interpretive Association

**List of Acronyms and Abbreviations:**

	North Coast Railroad Authority
NCUAQMD	North Coast Unified Air Quality Management District
NEPA	National Environmental Policy Act
NIMS	National Incident Management System
NPDES	National Pollutant Discharge Elimination System
NTMP	Non-Industrial Timber Management Plan
NWP	Northwestern Pacific Railroad
OA	Operational Area
OCI	Overall Condition Index
OES	Office of Emergency Services
PEIR	Program environmental impact report
PG&E	Pacific Gas and Electric Company
PMS	Pavement Management System
PRD	Planned Rural Development
PUD	Planned Unit Development
RCAA	Redwood Community Action Agency
RCC	Rural Community Center
RCEA	Redwood Coast Energy Authority
RHNA	Regional Housing Needs Assessment
RID	Resort Improvement District
RTP	Regional Transportation Plan
SBC	Southwestern Bell Company
SEL	Sound Exposure Level
SEMS	Standardized Emergency Management System
SMA	Streamside Management Area(s)
SRA	State Responsibility Area(s)
SWMP	Solid Waste Management Plan
SWMP	Stormwater Management Program
SMARA	State surface mining and reclamation act of 1975.
TMDL	Total Maximum Daily Load

**List of Acronyms and Abbreviations:**

TPZ	Timber Production Zone
UBC	Uniform Building Code
USAs	Urban Study Areas
USFS	U.S. Forest Service
USGS	U.S. Geologic Survey
V/C Ration	Volume to Capacity Ratio
VMT	Vehicle Miles Traveled

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## Appendix C Community Area Plans Extract

### Introduction

This appendix contains a listing of Community Plan policy excerpts from each of the Humboldt County Community Plans. This appendix consolidates and ~~supercedes~~ incorporates the following community area plans:

- ~~o Avenue of the Giants Community Plan (2000) (Weott-Holmes-Stafford-Miranda-Myers-Flat-Phillipsville)~~
- o Fortuna Community Plan (1985)
- o Freshwater Community Plan (1985)
- o Garberville-Benbow-Redway-Alderpoint Community Plan (1987)
- o Hydesville-Carlotta Community Plan (1986)
- o Jacoby Creek Community Plan (1982)
- o Orick Community Plan (1985)
- o Willow Creek Community Plan (1986)
- o Fieldbrook-Glendale (to be added)

The following community planning areas are mapped but do not have policies unique to their areas:

- o Blue Lake
- o Trinidad-Westhaven
- o Orleans
- o Arcata
- o Shelter Cove (inland)
- o Rio Dell-Scotia

The Avenue of the Giants Community Plan, Eureka and McKinleyville Community Plans have not been included because of their length, and will remain stand-alone documents. For the communities planning areas included in this appendix, it is intended that the policy excerpts, together with the preceding Countywide policies and applicable maps, will constitute the general plans for these communities. Therefore the policies under each community plan are specific to these community planning boundaries.

## **AVENUE OF THE GIANTS COMMUNITY PLAN**

### **LAND USE POLICIES FOR THE PLANNING AREA**

**AV-P1 Design Review.** ~~Parcels zoned CH have Design Review and Qualifying Combining zones attached, to insure development has limited impact on trees and to insure that signage is appropriate in scale and character to the setting.~~

**AV-P2 Protection of Agricultural Lands.** ~~Lands adjacent to agriculture designated lands shall be planned for uses compatible with agriculture. Subdivision shall occur in such a manner to protect prime agricultural soils including lot size modifications and / or the use of the B7 Combining Zone.~~

**AV-P3 Agricultural Preserves.** ~~The County shall encourage the use of Agricultural Preserve Contracts to maintain agricultural uses in the Planning Area.~~

**AV-P4 AR Zone Density Determination.** ~~AR 5-20 zoned parcels shall use the Slope Formula Policy to determine appropriate density (See AV-P19 Slope Formula Policy, below)~~

**AV-P5 Zoning in Flood Hazard areas.** ~~Use the Flood Plain (FP) zone and add the Flood Hazard (F) as a combining zone to indicate by zoning where flooding is a likely event and therefore where development potential is constrained.~~

**AV-P6 Cottage Industry Ordinance in Flood Plain.** ~~The Cottage Industry Ordinance should be amended to add Flood Plain (FP) zone to the list of zoning districts which allow cottage industry with a special permit.~~

**AV-P7 Rest Stops Along the Avenues.** ~~The County shall support the location of rest stops at appropriate places along the Avenue of the Giants.~~

**AV-P8 Consistency Determination for Public Acquisitions.** ~~The County shall request both Save the Redwoods League and the State Department of Parks and Recreation that a finding of consistency with the General Plan and Community Plan be made prior to lands being accepted by the State Park in the Avenue of the Giants Community Planning Area.~~

**AV-P9 Identification and Retention of prime Agricultural Soils in HRSP Management Plans.** ~~The County should encourage HRSP to designate in their park general plan lands which have prime agricultural soils and do not have significant forest stands for retention in agricultural use as a feature of the unit pursuant to PRC 5069.2. The County shall request that the Save the Redwoods League refrain from removing prime agricultural lands from useful production by acquisition.~~

**AV-P10 HRSP Management Plan.** ~~The County should encourage HRSP to prepare a Park general plan which includes its long range management objectives so that the public is advised of the Park's management goals. The County shall request that the impacts of increasing State Park land acquisition be addressed in the Park and Management EIR.~~

### **PEPPERWOOD:**

**AV-P11 Protection of Agricultural Soils in Pepperwood.** ~~The County should work with State Parks and Save the Redwoods League to protect agricultural soils for continued agricultural uses.~~

**SHIVELY:**

~~**AV-P12 Permanent Bridge Site in Shivley.** The County supports the community in reaching its goal of a permanent bridge site that is acceptable to all parties.~~

**REDCREST:**

~~**AV-P13 Industrial General parcels in Redcrest.** Use of the Industrial General parcels located in Redcrest shall be limited to those uses not requiring new urban services until full urban services are available on the site.~~

**MYERS FLAT:**

~~**AV-P14 Flooding in the Commercial Center.** The proposed zoning for the commercial center of Myers Flat reflects the fact that the area has been inundated by flood waters in the past and it may be reasonably expected to be inundated by flood waters in the future, using the Flood Hazard (F) zone.~~

~~**AV-P15 Code Compliance.** The County should work with the community and individuals in Myers Flat to ensure code compliance is strengthened.~~

~~**AV-P16 Recreational Uses in Flood Plain.** In the Flood Plain zone, principally permitted recreational uses shall be limited to incidental uses not serving more than 50 people at a time.~~

**MIRANDA:**

~~**AV-P17 Subdivision of Agricultural Lands.** Subdivision of parcels designated AL 20 and AR (5-20) shall require a master development plan including road capacity and analysis of build out impacts as part of initial application.~~

**PHILLIPSVILLE:**

~~**AV-P18 Moto-cross Environmental Review.** The environmental review and approval process for the moto-cross use should meet all the directives of the court and include an alternative siting study which considers community needs.~~

**SAFETY POLICIES**

~~**AV-P19 Slope Formula Policy.** The following Slope Formula Policy is used to calculate maximum densities, and where the option is taken, to calculate density credits, in AR-5-20 lands:~~

~~0-15% slopes — = 5 acres/dwelling unit  
15-30% — = 10 acres/dwelling unit  
30% or over — = 20 acres/dwelling unit~~

~~Density credit may be given to provide increase densities on flatter areas by open spacing steeper areas. Credit given at the rate provided by the formula; e.g., 1 credit for each 20 acres open spaced of 30% and over category lands. Calculations must be based on topographic maps that comply with subdivision tentative map standards.~~

~~**AV-P20 Community Education and Natural Hazards.** Support and encourage the formation of Neighborhood Emergency Services Teams (NEST) in Avenue communities. Encourage the education of the community regarding the nature and extent of natural and man-made hazards.~~

~~**AV-P21 Benefit Assessment District for Fire Protection.** Support and encourage the formation of a benefit assessment district utilizing the Amador Plan, or similar agreement, to fund year round fire protection and emergency response from the California Department of Forestry (CALFIRE) and/or local fire departments.~~

~~**AV-P22 Mutual Aid Agreements.** The County shall encourage the maintenance of mutual aid agreements among fire districts.~~

~~**AV-P23 Adequate Fire Safe Access.** The County shall require that all new residential, commercial & industrial development in the Planning Area be served by an access way that can accommodate emergency vehicles in conformance with SRA standards as outlined in Humboldt County Code.~~

#### **WATER RESOURCE POLICIES**

~~**AV-P24 Maintenance of Stream Flows for Fish.** Subdivision along streams shall at a minimum be required to maintain flows necessary to protect fishery resources and the timing of cumulative water withdrawals shall not cause stream flows to fall below minimum levels required for anadromous fish habitat.~~

~~**AV-P25 Maintenance of Stream Flows for Fish.** The County should encourage PG&E to provide the maximum flow from Potter Valley Dam consistent with natural flow and water cycles to improve the characteristics of the Eel River for native fish populations.~~

#### **BIOLOGICAL RESOURCE POLICIES**

~~**AV-P26 Streamside Management Areas.** The County shall continue to minimize damage to riparian habitat in the Planning Area through application of the Streamside Management Area standards.~~

~~**AV-P27 Sensitive Habitat.** Parcels that contain sensitive habitat shall include measures for resource protection in their development plans.~~

#### **CIRCULATION POLICIES**

~~**AV-P28 Maintenance of Highway Encroachments.** Coordinate with Caltrans to maintain and repair County/State encroachments at intersections.~~

~~**AV-P29 Sidewalks for New Developments.** Require sidewalks or pedestrian trails for new developments in accordance with County design standards and encourage pedestrian and bicycle access, where appropriate.~~

~~**AV-P30 Accommodation for Emergency Vehicles.** New road construction or improvement shall be of sufficient width to accommodate emergency vehicles, and show consistency with County design standards and the County Fire Safe Regulations.~~

~~**AV-P31 Lower Speed Limits through Miranda and Phillipsville.** The County shall work with Caltrans in lowering the speed limit through the communities of Miranda and Phillipsville.~~

~~**AV-P32 Pedestrian Safety.** The County shall request that Caltrans comply with Streets and Freeways Code, Section 157, to provide for pedestrian safety, access, and egress, as an integrally funded part of their highway projects.~~

~~**AV-P33 Trails.** The County shall encourage safe, efficient and practical trails providing access to the region's natural resources and expand upon the County Trails Plan of 1979. The County shall encourage provision and maintenance of trails to and along the Eel River.~~

~~**AV-P34 Funding for Trails.** The County shall actively seek Federal and State funding, including grant funding, for trails and rest stops.~~

~~**AV-P35 Coordinated Planning of a Trail System.** The County shall participate in the State Park and Caltrans planning processes to encourage an appropriate trail system and other issues of interest to the communities.~~

~~**AV-P36 Development of a Trail Along the Avenues.** The County should encourage the Humboldt Redwoods State Park and Caltrans to consider and plan for a trail parallel to the Avenue consistent with Park mandates, community values, and the State Streets and Highways Code. Once a conceptual trail route is designated, the County shall seek dedication of easements where necessary. A dedication of easements in new subdivisions shall be required where development may interfere with potential use of the pathway.~~

~~**AV-P37 Maintenance of Access to Public Waterways.** The County shall request the Department of Parks and Recreation to maintain and restore public access points to the river.~~

~~**AV-P38 Development of Access to Public Waterways.** The County shall encourage public and private recreational business development that provides access to the river, which can provide physical, social, environmental and economic benefits for County residents and visitors.~~

## ~~WATER AND WASTE WATER INFRASTRUCTURE POLICIES~~

~~**AV-P39 Density and Availability of Services.** Plan density ranges are contingent on adequate service capacities. Current systems should be upgraded to be able to provide consistent, reliable water for domestic and emergency uses. Additional development (subdivisions, second units, caretaker facilities, etc.) or improvements to existing uses will not be approved without proof of adequate service capacities. An ability to service letter for both water and wastewater capacity shall be required for acceptance of an application for new development.~~

~~**AV-P40 New Development and Impacts on Instream Flow.** New or improved water and wastewater systems shall take into account instream flow requirements for satisfactory salmonid habitat when planning withdrawals or inputs into streams and rivers in the Planning Area.~~

~~**AV-P41 Subdivision of Lands Designated RL.** No new subdivisions which create parcels of less than 0.5 acres shall be approved on lands designated Residential Low Density (RL) until no service moratoria are in effect and/or until adequate private or publicly maintained water and wastewater disposal systems are available to such lands.~~

~~**AV-P42 Subdivision of Lands Designated RE 1-5.** No new subdivisions which create parcels of less than 2.5 acres shall be approved on lands designated Residential Estates (RE 1-5) until no service moratoria are in effect and/or until adequate private or publicly maintained water and wastewater disposal systems are available to such lands.~~

## FORTUNA COMMUNITY PLAN

### GOVERNANCE POLICIES

**FCP-P1 City – County Coordination for Land Use Planning.** The Fortuna Area Community Plan should be adopted by the City of Fortuna. The County shall recognize the interests of the City of Fortuna in the planning area by submitting public and private development projects within the Fortuna Area Plan to the City for review and comment. The County shall take the City's comments into consideration when reviewing development proposals.

### SPHERE OF INFLUENCE

**FCP-P2 County and LAFCO Coordination with the City's Sphere of Influence Report.** The Fortuna Area Community Plan as adopted by the Board of Supervisors shall be referred to LAFCo and the City of Fortuna to be used as a guide to making any appropriate revisions to the City of Fortuna Sphere of Influence Report.

### DEVELOPMENT TIMING

**FCP-P3 Urban Development Areas.** The County and the City of Fortuna shall adopt the Urban Development Areas as shown on the Land Use Plan Map.

**FCP-P4 Urban Expansion Areas.** The County and the City of Fortuna shall adopt the Urban Expansion Areas as shown on the Land Use Plan Map.

**FCP-P5 Urban Facilities and Services.** The consideration and/or provision of appropriate types and levels of urban facilities and services shall initially be directed toward the Urban Development Areas and should be followed by the Phase I Urban Expansion Areas as shown on the Land Use Map.

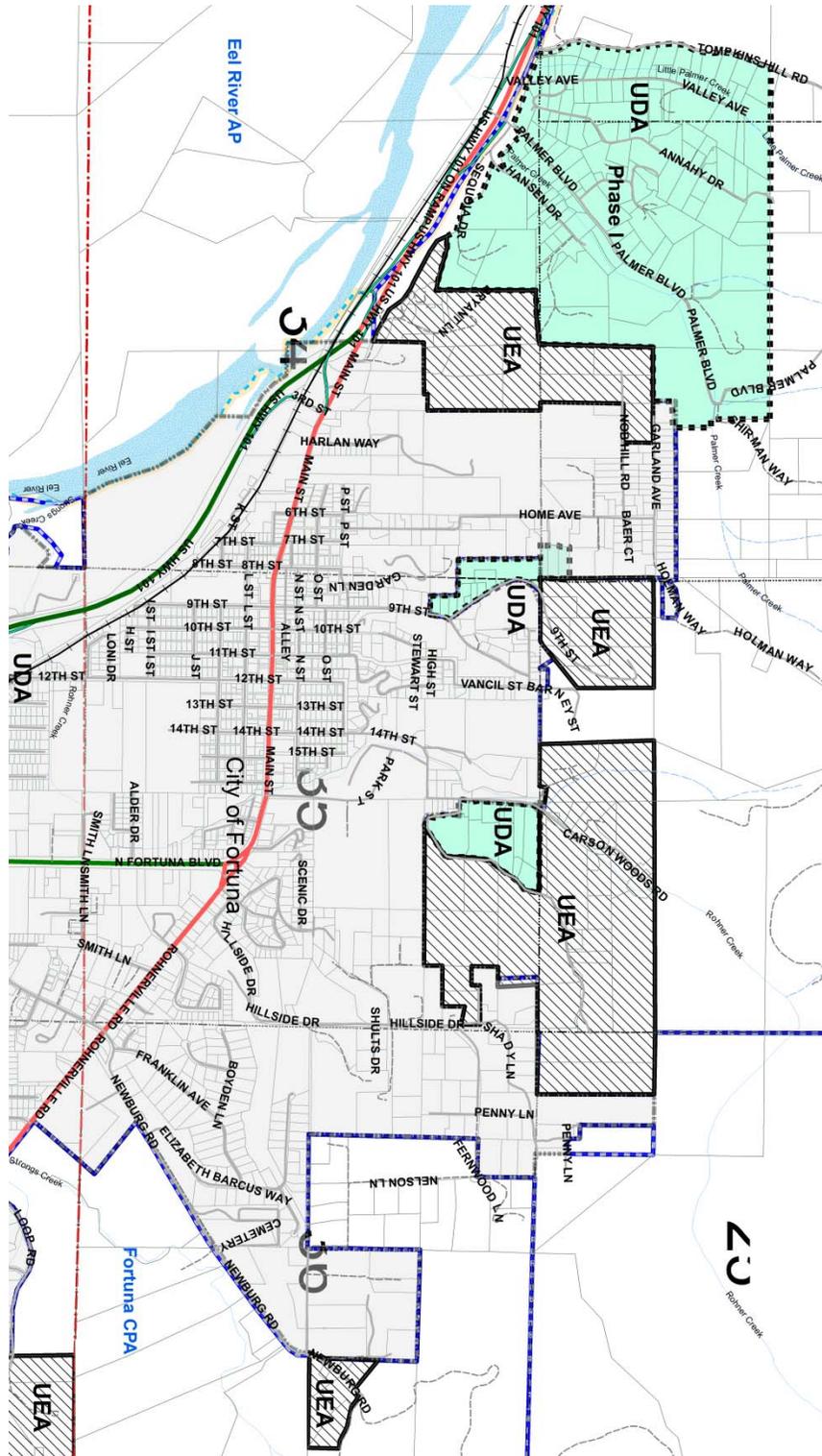
**FCP-P6 Use of On-site Septic Systems in Urban Development Areas.** Residential development in the Urban Development Areas may utilize on-site individual sewage disposal systems provided that waiver of site suitability criteria shall not be granted by the Humboldt-Del Norte Health Department.

**FCP-P7 Land Division in Urban Development Areas.** New land divisions and residential development within the Urban Development and Urban Expansion Areas shall be required to utilize community water and sewer systems as they become available.

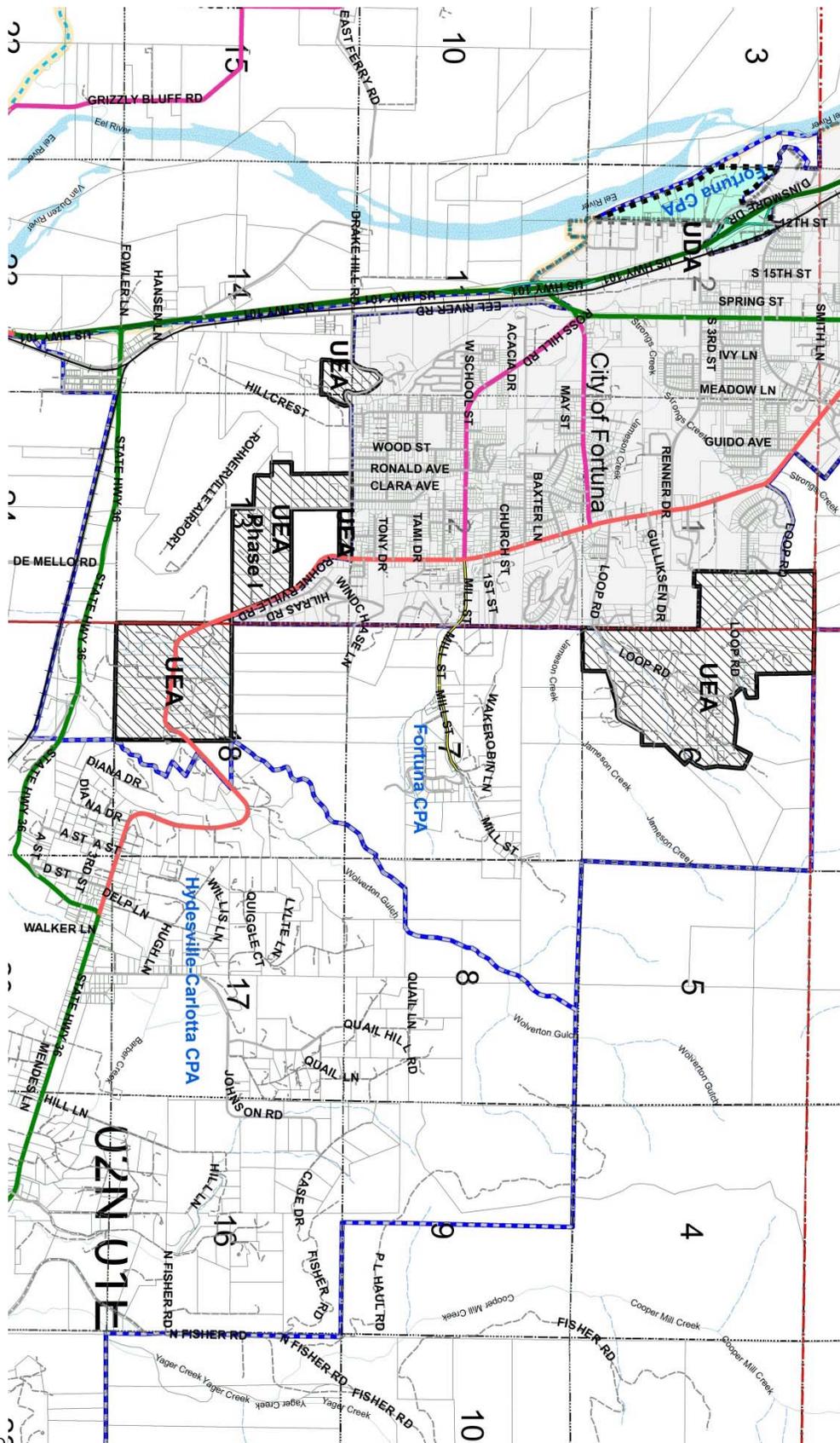
**FCP-P8 Capital Improvement Plans.** The City of Fortuna is encouraged to utilize the five-year Capital Improvement Programming technique for integrating land use and public services and facilities within the City and its exterior Sphere of Influence.

**FCP-P9 Re-designation of ASRE lands with Public Water.** When land designated Residential Estates (RE1-5) within the Urban Expansion Boundary is connected to public water and sewer systems and roads are built to urban standards, such land will be re-designated as an Urban Development Area (UDA) and residentially planned land within the UDA may be designated as (RL) Residential Single Family (1-7 dwelling units per acre).

FCP Figure 1 Urban Development and Expansion Areas (North) from the Land Use Map placeholder map



FCP Figure 1 Urban Development and Expansion Areas (South) from the Land Use Map placeholder map



## HAZARDS AND RESOURCES

### FLOOD (DRAINAGE)

**FCP-P10 Drainage Impacts.** The impact on drainage flow through the City should be reviewed ~~and the City of Fortuna consulted~~ if higher or more intensive planned land use proposals are to be considered in the area south of Drake Hill Road and within the Mill Creek Drainage ~~basins~~ ~~shed as delineated by Figure V 1 of the City of Fortuna Storm Drainage Master Plan, December, 1982.~~ (Figure V 1 is presented as in the Fortuna Area Community Plan, Technical Background Report.)

## PUBLIC SERVICES AND FACILITIES

### TRAILS

**FCP-P11 Safe Pedestrian Thoroughfares for Palmer Creek Area.** The County, the City of Fortuna and Caltrans should cooperatively seek to provide a safer pedestrian way connecting Palmer Creek-- a community of 300 residents--with the City of Fortuna.

## WASTE AND WASTEWATER FACILITIES

### WATER FACILITIES

~~**FCP-P12 Land Division and Water Facilities.** No land divisions relying on Land Water Company as the water source shall be allowed until the water served meets the water standards of the California Safe Drinking Water Act.~~

### WASTEWATER FACILITIES

#### ~~PALMER CREEK AREA~~

~~**FCP-P13 New Wastewater Facilities for the Palmer Creek Area.** The County with the cooperation of the City of Fortuna should actively explore several sewage disposal options potentially available to the Palmer Creek area, including, but not limited to: (1) community sewage disposal facilities; (2) small sewage treatment facilities; (3) On Site Wastewater Management Zone.~~

#### ROHNER CREEK AREA

**FCP-P14 Repair to Carson Woods Road and Extension of Services.** The City and the County should cooperatively undertake the work necessary to achieve a reasonable level of repair to Carson Woods Road. The City is encouraged to extend sewer services to the area in conjunction with the necessary improvements to the existing water systems with area residents meeting the costs. (According to current City policy this area must be annexed to the City before these extensions occur.)

## FRESHWATER COMMUNITY PLAN

### LAND USE AND DEVELOPMENT

**FWCP-P1 Land Use Restrictions for APN 402-261-015.** As it concerns the development of the parcel located south and west of the Freshwater Road (AP# 402-261-015), the plan provides for the creation of a maximum number of six (6) parcels. Five (5) of the parcels are to be located within the approximately 14 acre area in the southeast corner of the parcel designated and zoned for 2-1/2 acre parcels. This area is zoned AG, the area may be increased only if information, submitted by a registered engineer, indicates that the creation of five (5) parcels is not possible due to an inability to meet the County adopted sewage disposal standards. Any such minor modification in the zone boundary would not require a plan amendment. The total number of dwelling units on the property (AP# 402-261-015) shall not be more than six (6). Any request made, resulting in the potential of more than six (6) dwelling units, would require a plan amendment.

**FWCP-P2 Protection of Water Quality Upstream of Freshwater County Parks.** The Residential Agricultural Rural and Timberlands designations upstream from Freshwater County Parks are intended to reduce the threat of bacterial contamination from septic tanks to the Park's pool. Septic tanks associated with additional rural development are reduced by limiting densities in these areas.

**FWCP-P3 Mobilehome Park Density.** No further density increases should be allowed in the planning area's mobilehome parks because of wastewater disposal problems.

**FWCP-P4 Three Corners Store.** The Three Corners store should be allowed to continue operation and expand under the provision of the Local Coastal Plan, on its existing property.

**FWCP-P5 Commercial Uses in the Indianola Area.** Existing commercial uses located in Indianola should be zoned to allow their continued operation under a Community Commercial Qualified Combining Zone classification and a Commercial General land use designation. An alternative land use designation for these parcels shall be Residential Estates if the commercial land use is abandoned. The County should appropriately classify existing commercial properties in the Coastal Zone (adjacent to the Freshwater Planning Area) to allow their continued operation.

**FWCP-P6 Commercial Uses in Wrangletown.** Commercial uses in the Wrangletown area are limited to the Wrangletown Store and Bar, except for an additional site near the store which has been designated as Commercial General to allow for expansion of commercial uses. The vacant property shall be zoned with a Neighborhood Commercial Zone.

**FWCP-P7 Development Timing.** No development shall be permitted in the portion of the planning area served by the Humboldt Community Services District at a density greater than one unit per two and one-half (2-1/2) acres until the area is sewered.

**FWCP-P8 Land Use in Wrangletown.** The area shown on the Freshwater Community Plan Land Use Map in the central Wrangletown area is designated as Low Density Single Family with a density of no more than one unit per acre. No new parcels shall be created in this area because although it is currently served by the Freshwater Water Service, the water system has no capacity to expand and serve additional development.

**FWCP-P9 Land Use Near Freshwater Park.** The area designated Residential Low Density (RL) on Freshwater Road near Freshwater Park is designated with a density of no more than one unit per acre. This area is ~~not served by a community water system, but is~~ designated for one acre parcel development because of the predominant residential character of the area, its location along

Freshwater Road, and to allow the completion of a logical development pattern in this area. The area is not intended to set a precedent for additional small parcel development in the area.

## CIRCULATION

**FWCP-P10 Redmond Road.** The Redmond Road area is designated at a 5 acre per unit density until Redmond Road is improved to roadway category Standard 5. The minimum size of parcels served by the improved road shall be 2.5 acres.

**FWCP-P11 Pidgeon Point Road.** Pidgeon Point Road is designated as a 5 acre per unit density until the road section is improved to roadway category standard 5 and brought into the County Road System.

**FWCP-P12 Bicycle and Pedestrian Lane along Myrtle Avenue.** As part of the Myrtle Avenue road construction project, bicycle/pedestrian lanes should be "striped" along the sides of the paved section and labeled bike route.

## COUNTY PARKS AND RECREATION

**FWCP-P13 Garfield School.** The Garfield School site is centrally located and has a potential for use as a baseball field, soccer field, and/or playground if the school is ever closed. The retention of the site in public ownership would complement the existing community owned old Garfield School. The Garfield School site should be retained in public use as a community recreational facility if the school is ever closed.

**FWCP-P14 Freshwater County Park.** The Health and Public Works Departments shall monitor the water quality of the Freshwater County Park swimming pool on an ongoing basis for bacterial contamination.

## PUBLIC SERVICES AND FACILITIES

**FWCP-P15 Cummings Road Solid Waste Disposal Site.** The area around the Cummings Road solid waste disposal site shall be restricted to a maximum of one unit per twenty acres to reduce development which would be subject to environmental impacts in the future.

**FWCP-P16 Cummings Road Improvements.** Cummings Road and Lower Mitchell Road to Myrtle Avenue shall be improved by the solid waste site operator to roadway category standard 5 before additional County use permits are approved to expand the site or its capacity.

## GARBERVILLE REDWAY BENBOW ALDERPOINT COMMUNITY PLAN

### LAND USE AND DEVELOPMENT

#### RURAL LAND USE

**GRCP-P1 Green Gulches.** Areas of Connick Creek and Bear Creek as shown on the Plan Map are designated Green Gulch areas, to be left in a natural condition. Development may be permitted within these areas where consistent with the streamside management area and stream channel policies of the Biological Resources Section of the General Plan Conservation and Open Space Element. For purposes of applying the policies, the streamside management area shall be mapped green gulch area.

**GRCP-P2 Benbow Golf Course.** The Benbow Golf Course area presently zoned FRQ is planned only for continued use as a golf course, and other commercial recreational uses are not consistent with this plan.

**GRCP-P3 Rodeo Grounds-Benbow Area.** This area is planned for continued equestrian related uses, including compatible uses such as public assembly, boarding stable, veterinarian clinic, and hay and feed storage.

**GRCP-P4 Urban Reserve.** The areas designated urban reserve, as well as the adjacent CS/IG/CG areas, are planned for eventual urban services. The "urban reserve" designation was used to recognize that if these areas are to be developed at urban densities, a mix of uses (residential, commercial, industrial, public facilities) would likely be required for these areas to properly complement the existing urban areas. Prior to services, these areas may be developed consistent with the surrounding rural densities.

**GRCP-P5 Clear and Approach Zones.** New residential development on the flat north of Connick Creek shall be clustered in such a manner as to leave the areas under the clear and approach zones and flight track free of new residential structures.

#### URBAN LAND USE

**GRCP-P6 Garberville Public Facilities Area.** The Public Facilities (PF) land use designation at the north end of Garberville is intended approach zones and flight track free of new residential structures. New residential development proposed for the Mitchell Ranch/Kimtu Meadows area shall be designated in such a manner as to minimize building sites under the flight track and approach zone, and leave free the area under the clear zone.

**GRCP-P7 Clustered Homesites for Mitchell Ranch and Tooby Flats.** For the Mitchell Ranch and Tooby Flat area, homesites shall be clustered in order to: (1) maintain the maximum feasible agriculturally productive areas; (2) minimize viewshed impacts; (3) avoid archaeological resources; and (4) reduce grading and construction impacts. Subdivision design should also consider incorporation of agriculturally related recreational amenities such as horse stables and trails on order to mitigate agricultural/residential use conflicts by making agriculturally related uses a continued part of the subdivision design.

**GRCP-P7X Garberville Public Facilities Area.** The Public Facilities (PF) land use designation at the north end of Garberville is to provide a centralized location for community facilities such as the Community Center and library, and other public or quasi-public uses. The zoning has not been changed in order to maintain property rights prior to the development of such facilities. When the development of key facilities takes place, the zoning should be changed to insure compatibility of future uses.

**GRCP-P8 Multi-Family Residential.** Multi-family residential building types are considered to be compatible with the RL land use designation where provided for by the zoning, consistent with planned densities. The RM designation at the curve in the Briceland Thorne Road in Redway is limited to accommodating eight additional units

## HAZARDS AND RESOURCES

### GEOLOGIC

**GRCP-P9 Setbacks for Properties East of Garberville Airport.** There is a 20' development setback from the cliff east of the Garberville Airport. This area is to be excluded from the area used to calculate densities for new subdivisions.

**GRCP-P10 ARA 5-20 Slope Formula Policy.** The following Slope Formula is used to calculate densities, and where the option is taken to calculate density credits, in ARA 5-20 lands:

0 - 15% slopes = 5 acres/dwelling unit  
15 - 30% = 10 acres/dwelling unit  
30% or over = 20 acres/dwelling unit

Density credit may be given to provide increase densities on flatter areas by open spacing steeper areas. Credit given to the rate provided by the formula; e.g., 1 credit for each 20 acres open spaced of 30% and over category lands.

**GRCP-P11 Geologic Investigation.** For the IG/MH area along Redwood Drive, the Urban Reserve area east of the freeway, and the CS/IG area on the west side of the freeway, geological investigation and engineered grading plans are required prior to significant earth moving.

## SAFETY

**GRCP-P12 Vegetative Buffers.** Along the Redwood Drive corridor between Garberville and Redway, vegetative breaks and buffering, consistent with traffic safety concerns, are to be included with new developments. Developments along the Highway 101 corridor are to be visually buffered.

**GRCP-P13 Emergency Response Facility.** No emergency response facility shall be located at a site within the 100-year flood plan.

**GRCP-P14 Noise Analysis.** For projects requiring discretionary approval in the vicinity of the Southern Humboldt Community Hospital, require noise impact analysis and mitigating measures as may be necessary to ensure the 65 Ldn Framework Plan standard for hospitals contained in the Noise Element is not exceeded.

## CRITICAL AND SENSITIVE HABITATS

**GRCP-P15 Protection of Nesting Sites.** Projects in the vicinity of the osprey and eagle nesting sites (in the Lake Benbow-Sprowel Creek area) are to be designed and carried out in such a manner as to avoid disturbance of the sites.

**GRCP-P16 Protection of *Tracyina rostrata*.** A federal candidate protected plant species called beaked -tracyina (*Tracyina rostrata*) occurs in the vicinity of Alderpoint. Discretionary projects which may affect the plant are to be referred to the Department of Fish and Game and other agencies as may be necessary for mitigation recommendations.

## CULTURAL RESOURCES

**GRCP-P17 Protection of Archaeological Sites.** Archaeological sites have been identified in historical records along the lower river terraces of the Planning Area. These sites are to be avoided or a significance determination and mitigation appropriate is to be carried out.

**GRCP-P18 New Cemetery.** The need for a new cemetery site has been identified, and a site for a new cemetery should be considered during any new major subdivision proposal.

## CIRCULATION

**GRCP-P19 Redway/Garberville Traffic Improvements.** The following are recommended traffic improvements for the Garberville/Redway Area:

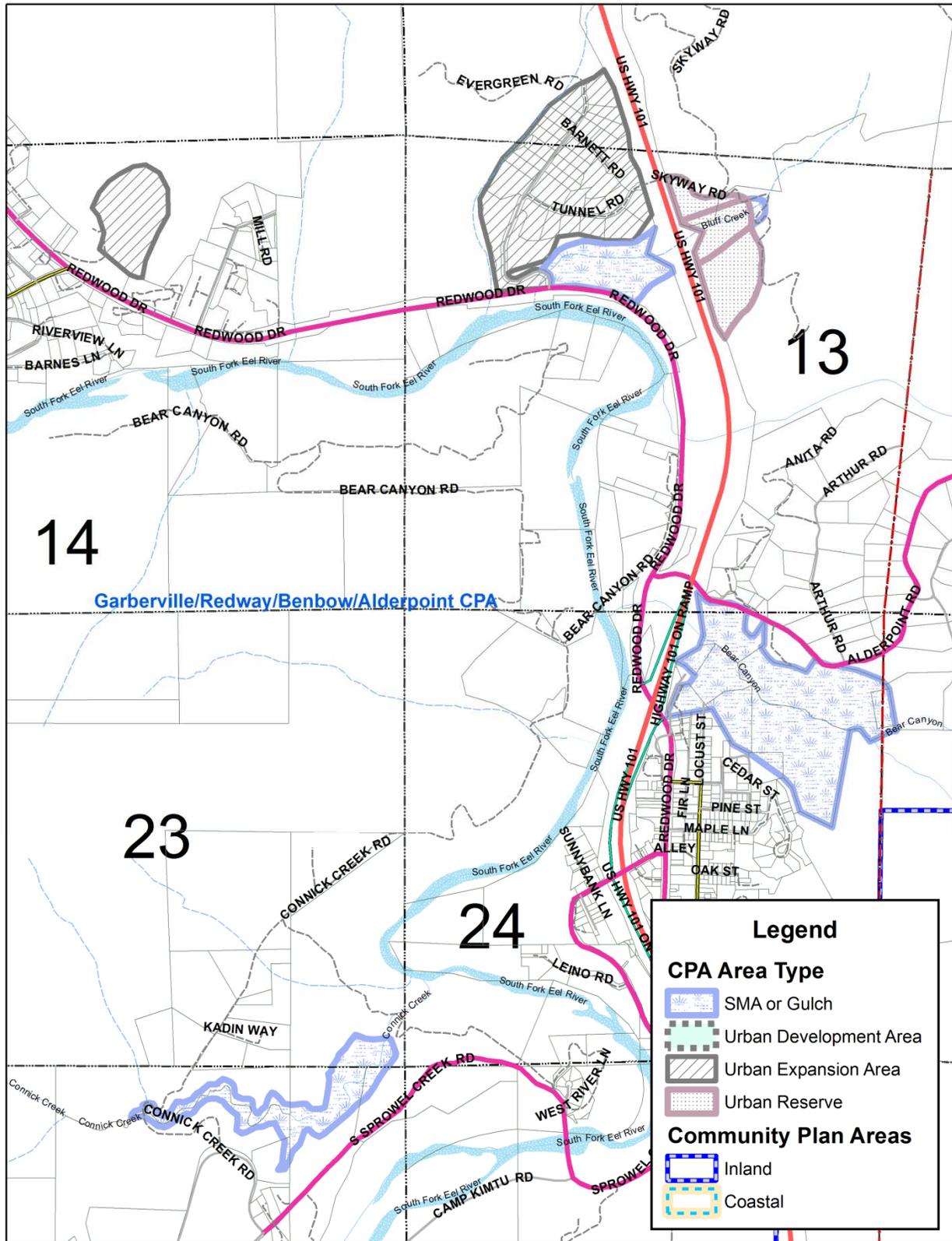
- a 4-way stop at Redway Drive and Whitmore and Manzanita;
- study signing and improvements at Briceland Road and Redway Drive;
- improve hazardous corner at Oakridge and Briceland Road;
- West of River Area is not to be rezoned to accommodate additional rural residential development until an adequate year-round road system can be provided;
- Road improvements to provide full year-round circulation not subject to flooding, and adequate to meet planned capacities, are to be a requirement for Tooby Flat/Mitchell Ranch areas at the time rural residential development to planned densities is proposed.
- Consideration should be given to including a bike lane in the improvement of Bear Gulch Bridge No. 4c-156 when it is replaced. If this improvement is accomplished, consideration should then be given to a lane or path between Garberville and Redway at a time when improvements are made to Redwood Drive, subject to funding availability and feasibility of safe design.

**GRCP-P20 Garberville Parking Improvements.** The following are recommended traffic improvements:

- Adopt a parking plan for Garberville.
- Establish a Parking Authority for the downtown commercial district of Garberville.

**GRCP-P21 River Access Opportunities.** An outline of river access opportunities and improvements, which would enhance fishing and other recreational uses along the river, should be prepared for the Plan. Standards for access dedications for subdivision of lands with river frontage should be included in the outline.

GRCP Figure 1 – Green Gulches, Urban Development and Urban Expansion Areas from the Land Use Map [placeholder map](#)



## HYDESVILLE – CARLOTTA COMMUNITY PLAN

### LAND USE AND DEVELOPMENT

**HCCP-P1 Hydesville Community Water District.** The Hydesville Community Water District shall retain sole discretion to extend community water service to all areas within the existing District boundary.

**HCCP-P1X Need for Ad hoc Community Advisory Committee.** An ad hoc Community Advisory Committee should be appointed by the Board of Supervisors to review and comment on the adopted Community Plan in the event:

- a. A community-wide public water or sewer system is proposed for Carlotta; or
- b. Public sewer systems are proposed for the community of Hydesville; or
- c. A hydro-geologic study indicates the necessity/opportunity to reconsider the pattern and intensity of development.

**HCCP-P2 Public Water Connection for New Construction.** All new construction or development on parcels less than 2 acres in size within the Urban Development Area shall be required to utilize the Community Water System.

**HCCP-P3 On-site Sewage Disposal Systems.** Residential development in the Urban Development Area may utilize on-site individual sewage disposal systems provided that waivers of Site Suitability Criteria shall not be granted by the Humboldt-Del Norte Health Department.

### HAZARDS AND RESOURCES

**HCCP-P4 Water Resources Study of Yager Creek.** The County supports and encourages the preparation of a water resource study of Yager Creek.

**HCCP-P5 Restoration of Wolverton Stream.** The County supports and encourages private and public cooperative efforts to restore and maintain the fish habitat values of Wolverton Stream.

### PUBLIC SERVICES AND FACILITIES

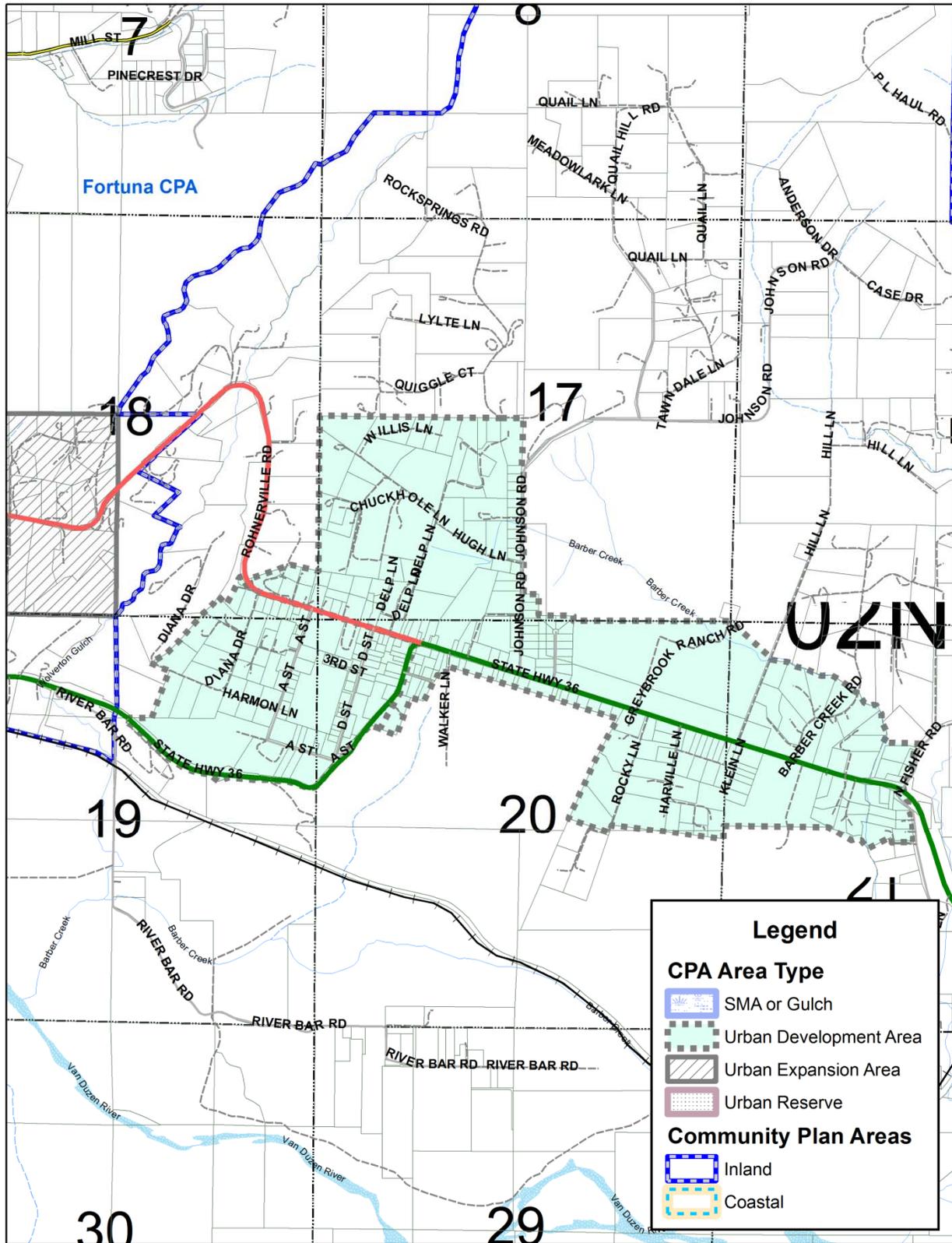
**HCCP-P6 Stormwater Drainage.** As development occurs throughout the planning area, stormwater should be directed toward water courses without impacting adjacent parcels.

**HCCP-P7 Drainage Plans.** Drainage plans should be required of development projects within the area of Hydesville shown in Figure 4 of the 1986 Hydesville Community Plan. Drainage plans as may be required must provide for the passage of stormwater from upstream areas.

**HCCP-P8 Drainage Easements.** Dedication of drainage easements to the County of Humboldt for the benefit of the general public may be required as a condition of a development permit.



HCCP Figure 2 –Urban Development and Urban Expansion Areas from the Land Use Map  
placeholder map



## JACOBY CREEK COMMUNITY PLAN

### GOVERNANCE

**JC-P1 Intergovernmental Coordination.** The City of Arcata and the Jacoby Creek County Water District should provide technical and advisory assistance to the County for the preparation and maintenance of the Jacoby Creek Community Plan policies.

**JC-P1x1 Citizen Participation.** It shall be the Goal of the County to promote participation by citizens, property owners and neighborhood groups in the Jacoby Creek Planning Area by:

- A. formulating clear and consistent planning procedures;
- B. providing centralized public access to relevant documents;
- C. standardizing planning terminology;
- D. encouraging formation of ad hoc committees to review specific area developments;
- E. encouraging the formation of a citizens advisory group in the area.

**JC-P1x2 Coordination with City of Arcata.** The County shall recognize the interests of the City of Arcata in the Planning Area by submitting development plans located within the City's Sphere of Influence to the City for review and comment. The City shall have not less than 15 days to respond. The County shall take the City's comments into consideration when reviewing development proposals. The County shall prepare a list of project categories that will be submitted for review.

**JC-P1x3 Coordination with Jacoby Creek County Water District.** The County shall recognize the interests of the Jacoby Creek County Water District in the Planning Area by submitting development plans located within or adjacent to the District's boundaries to the District for review and comment. The District shall have not less than 15 days to respond. The County shall prepare a list of project categories that will be submitted for review

The County shall take the Water District's comments into consideration when reviewing development proposals.

### LAND USE

**JC-P1x4 Adequate Housing in Jacoby Creek.** It shall be the goal of the County to promote adequate and safe housing for the residents of the Jacoby Creek Area by:

- A. A identifying areas appropriate for a variety of residential densities;
- B. requiring the provision of appropriate public services when development takes place;
- C. encouraging the use of energy-efficient housing designs.

**JC-P2 Protection of Timberlands.** Lands designated as Timberlands on the Land Use Map shall be retained in large parcels to protect the timber resource. Smaller parcels classified as Timber Sites I, II or III, and located adjacent to or surrounded by lands designated as Timberlands on the Land Use Map should be maintained as Timberlands.

**JC-P3 Timber Resource Lands and General Plan Amendments.** When investigations and evidence presented at a public hearing show that lands designated as Timberlands on the Land Use Map, not currently zoned as Timberland Preserves, are not suitable for commercial timber production, such lands may be re-designated as Rural Lands through a General Plan amendment.

**JC-Px3 Division of Timber Lands.** No division of lands designated as Timberlands shall be approved where parcels of less than 40 acres would be created. No division of lands designated as Timberlands shall be approved where parcels of less than 160 acres would be created in areas identified as having a high instability by according to the County's Seismic Safety Element General Plan Slope Stability Mapping.

**JC-P4 Protection of Agricultural Lands.** Lands designated as Agriculture Exclusive shall be retained for agricultural uses. Only those public services necessary for the maintenance of agricultural production shall be provided to areas designated Agriculture Exclusive.

**JC-P4x2 Urban Boundaries.** The County and the City of Arcata shall establish boundaries separating rural and urban areas to minimize conflicts between agricultural and urban uses.

**JC-P5 Agricultural Preserve.** The County shall encourage the use of Agricultural Preserve Contracts to maintain agricultural uses in the Planning Area.

**JC-P6 Exclusion of AE Lands from Jacoby Creek County Water District.** Lands designated as Agriculture Exclusive should be excluded from the Jacoby Creek County Water District. Where such exclusion is not feasible because of other regulations or requirements, the District should exclude that portion of the land being used for agricultural purposes from assessment zones

**JC-P7 Jacoby Creek Forest Ownership.** The Jacoby Creek Forest should be retained by the City in public ownership and shall be designated as Timberlands on the Land Use plan.

**JC-P8 Rural Land Use Designations.** The following Land Use Designations are the only designations that shall be considered appropriate uses in the rural portions of the Planning Area:

- A. Timberlands
- B. Agriculture, Exclusive
- C. Rural Lands
- D. Residential, Rural
- E. Residential Estates

Extensive public service systems shall not be provided to the rural portions of the Planning Area. Notwithstanding these provisions, existing residential units located in the rural portions of the Planning Area shall have access to necessary public service systems.

**JC-P8x1 Stable Rural Boundaries.** The County and the City of Arcata shall establish stable boundaries separating rural and urban areas.

**JC-P9 Cottage Industry.** Home occupations, cottage industries, and supplemental income producing agricultural activities should be encouraged in the rural portions of the Planning Area. Clear definition of what constitutes home occupation and cottage industries should be adopted in the zoning ordinance.

**JC-P9x1 Zoning of Rural Lands.** The zoning status of lands designated as Rural Lands, Residential, Rural; or Residential Suburban should be reviewed and any necessary reclassifications should be undertaken by the County Planning Department.

**JC-P9x2 Consistent Urban Boundaries.** The County, the City and the District shall adopt the Urban Limit Line as shown on the Land Use Plan Map.

**JC-P9x3 Water and Disposal Guidelines.** The City and the District should adopt the water and disposal guidelines specified in Section 4300 and 4400 of this Plan.

**JC-P10 Industrial Uses.** No industrial uses shall be located in the Planning Area.

**JC-P11 Neighborhood Commercial Uses** Neighborhood commercial uses may be located in the Planning Area.

**JC-P12 Residential Uses.** A variety of housing types and densities should be encouraged to be located within the ~~Urban Limit Line~~ Development Area. New residential development shall be compatible with the scale of existing development. Clustering and individual home ownerships on large lots held in common should be encouraged.

**JC-P12x1 Zoning of Residential Lands** The zoning status of lands designated as Residential should be reviewed and any necessary reclassifications should be undertaken by the County Planning Department.

**JC-P12x Slope Criteria to Establish Lot Size.** The County should review and update its zoning ordinance to base lot sizes on slope criteria.

**JC-P13 Provision of Urban Services.** This plan is predicated on the intent that either the City of Arcata or the Jacoby Creek County Water District will be the provider of urban services within the ~~Water Service Area~~ Urban Development Area.

**JC-P14 Residential Densities.** Residential development at one dwelling unit per five or more acres may be permitted within the ~~Water Service~~ Urban Development Area if it is determined that:

- A. Public water or sewer services are not presently available to serve the project site; and
- B. The proposed development can safely accommodate individual water and waste water disposal systems consistent with current County standards; and
- C. Mitigation measures will assure that the proposed development will not cause adverse cumulative health or environmental impacts; and
- D. The design of the proposed development will not preclude the ultimate development of the site to planned urban densities when public water and sewage disposal systems are provided.

The use of private water sources within the ~~Water Service~~ Urban Development Area is permitted only for residential development at densities of one dwelling unit per five or more acres.

Urban type development should not be permitted within the Urban Expansion Area until it is annexed by the City of Arcata.

**JC-P14x1 Development within the Urban Development Area.** Development within the Urban Limit Line should occur at designated plan densities only when public water and public sewage disposal systems are available, except as provided by Section 2432.3 in this Plan.

**JC-P14x2 Review of Urban Development Area.** The Urban Limit Line shall be reviewed on an annual basis to determine whether adjustments to the line are necessary. The Urban Limit may be amended if the following findings can be made:

- A. There has been substantial consumption of vacant land for development purposes, such that the amount of vacant land available for urban uses is insufficient to allow for the continued development of a full range of housing types.
- B. Service systems within, or available to, the Urban Limit are adequate to serve the proposed addition.
- C. Development in the proposed addition would not adversely impact agricultural or timber lands bordering the addition.

**JC-P14x3 Buttermilk Lane Urban Expansion Area** The area bounded by Buttermilk Lane on the north and east and on the west by Old Arcata Road (as shown on the Land Use Map), shall be designated as an Urban Expansion Area.

- The Urban Expansion Area shall be reserved for residential development at a density range of no greater than 2 DU/acre nor less than 1 DU/5 acres. Residential development should take place only after annexation to the City of Arcata.
- The County Planning Department in cooperation with the City of Arcata and LAFCo shall prepare and submit an annual report to the County Planning Commission on the status of annexation efforts within the Urban Expansion Area.

**JC-P14x4 Urban Expansion Areas.** No division of lands within the Urban Expansion Area shall be approved where such division creates any parcel smaller than 5 acres until such parcel has been annexed to the City of Arcata.

**C-P14x5 Zoning of Urban Expansion Areas.** The County should reclassify lands within the Urban Expansion Area as AG B-5(5) or some equivalent zone.

## SAFETY

**JC-P15 Geologic Hazards.** The County shall require engineering geologic and/or soils reports prior to approval of any minor subdivisions, major subdivisions, or building permits in areas identified as having a slope rating of moderate or high instability.

## CIRCULATION

**JC-P16 Pedestrian and Bicycle Facilities.** Pedestrian and bicycle facilities, exclusive of sidewalks, should be considered for new roads that serve 35 or more units built at a density of four units per acre or more.

**JC-P16x Flood Free Access to New Subdivisions.** All new development shall have flood free access routes.

## PUBLIC FACILITIES

**JC-P17 Rural Development and Water Systems.** No new rural development shall be approved unless sufficient potable water is available to meet the needs of the proposed development. Existing rural development may utilize public water systems where such use is required to maintain the health, safety and welfare of the residents.

**JC-P17x1 Use of On-Site Water Systems.** Existing development on lands designated as Timberlands, Agriculture Exclusive, Rural Lands, and Residential Rural shall utilize individual, on-site domestic water systems, except as provided by :

**Policy JC-P17x4 Discretion for Extension of Public Water Systems** ~~Section 4313.5.~~ Where existing parcels are now utilizing or have access to public water systems, such use or access shall continue but shall not be extended beyond existing property lines.

**JC-P17x2 Water Requiements for New Subdivisions.** No new subdivision or minor subdivision, shall be approved on lands designated as Timberlands, Agriculture Exclusive, Rural Lands and Residential Rural unless it can be shown that each new parcel created for residential use will have sufficient water available for domestic purposes.

**JC-P17x3 Subdivision of Land Designated Residential Estates.** No new subdivision or minor subdivision which creates parcels of less than five acres shall be approved on lands designated as Residential, ~~Suburban~~ Estates until a public water system is available to such lands.

**JC-P17x3a Development of Land Designated Residential, ~~Suburban~~ Estates.** All new development on lands designated as Residential Suburban shall be required to connect to a public water system when such system becomes available.

**JC-P17x4 Discretion for Extension of Public Water Systems.** ~~The City of Arcata and the Jacoby Creek County Water District shall retain discretion to extend or not extend public water service to the rural portion of the Planning Area. The City or the Board may, in its discretion, approve extension of such service subject to any requirements that may be duly adopted by the providing jurisdiction, and to the following guidelines:~~

- A. To areas designated as Timberlands:
  - 1. No extension of public water systems shall be permitted.
- B. To areas designated as Agriculture, Exclusive, Rural Lands, and Residential Rural:
  - 1. The extension must be an emergency response to a failure of an existing water system.
  - 2. The capacity of the extension shall be limited to a size adequate to meet the existing residential requirements. No extension of trunk lines or oversized lines shall be permitted.
  - 3. No extension shall be permitted to serve uses that are clearly inconsistent with the uses identified in Section 2342.2.
- A. 4313.4 The area provided shall be a part of, or annexed to, the providing jurisdiction.
- B. To areas designated as Residential Suburban:
  - 1. Public water systems may be provided to meet existing and planned residential requirements.

**JC-P18 Rural Development and Wastewater Disposal Systems.** No new rural development shall be approved unless proof is provided that such development has access to adequate waste disposal systems.

**JC-P19 Urban Water Systems.** All proposed development within the Urban Development Area ~~Water Service Area~~ shall be required to connect to public water systems provided by either the City or the District as such systems become available.

**JC-P20 Water Facilities Plan.** The Jacoby Creek County Water District shall prepare and maintain a Water Facilities Plan for all areas of its jurisdiction to which the District intends to provide water service.

**JC-P20x1 Proof of Connection to Public Water Systems for Subdivisions.** Prior to the approval of any subdivision, development permit or building permit, proof that such development shall be connected to public water systems shall be required, except as provided for in Policy JC-P14 Residential Densities Section 2432.4 of this Plan.

**JC-P20x2 Development of Timberlands.** Development proposed for lands designated as Timberlands, Agriculture Exclusive, Rural Lands and Residential Rural may utilize individual waste disposal systems if proven to meet existing disposal standards.

**JC-P20x3 Rural Subdivision Limitation.** No new subdivision or minor subdivision which creates parcels of less than five acres shall be approved on lands designated as Residential, Suburban until publicly maintained waste disposal systems are available to such lands.

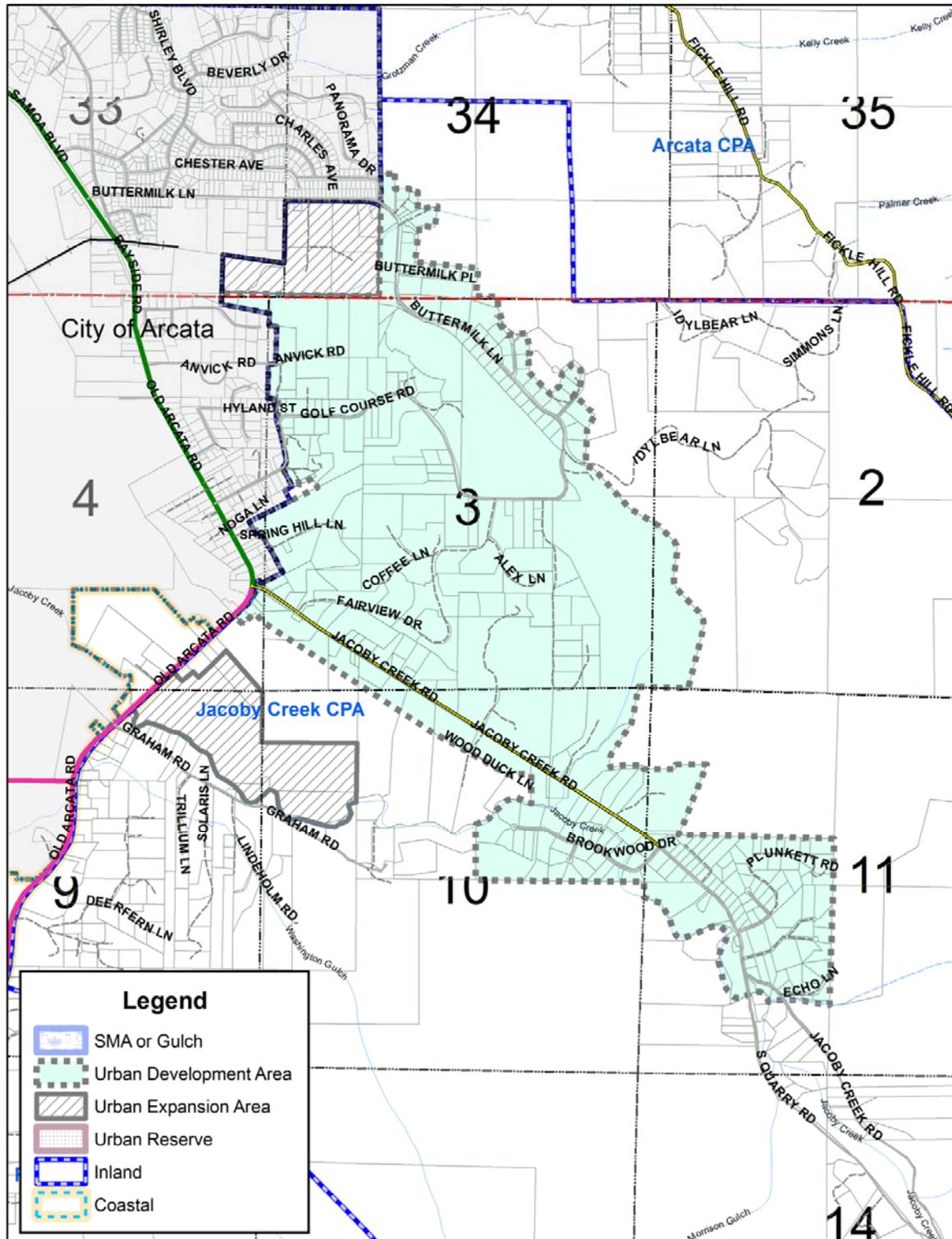
**JC-P20x4 Wastewater Service Extensions.** The City of Arcata and the Jacoby Creek County Water District shall retain discretion to extend or not extend publicly maintained waste disposal systems to the rural portions of the Planning Area. The City or the District may, in its discretion, approve extension of such service subject to any requirements that may be duly adopted by the providing jurisdiction, and to the following guidelines:

- A. To areas designated as Timberlands:
  - 1. No extension of publicly maintained waste disposal systems shall be permitted.
- B. To areas designated as Agriculture, Exclusive, Rural Lands, and Residential Rural:
  - 1. The extension must be an emergency response to the failure of an existing on-site waste disposal system that cannot be repaired to conform to existing County standards; or
  - 2. If a sanitary sewer line is constructed, all existing or proposed residential development on property located within 300 feet of such sewer line shall be connected to the sewer line.
  - 3. No extension shall be permitted to serve uses that are clearly inconsistent with the uses identified in Section 2342.2
  - 4. The area shall be part of, or annexed to, the providing jurisdiction.
- C. To areas designated as Residential Suburban:
  - 1. Publicly maintained waste disposal systems may be provided to meet existing and planned residential requirements;
  - 2. The area shall be part of, or annexed to, the providing jurisdiction;
  - 3. The capacity of the system shall be limited to a size adequate to meet planned residential requirements;
  - 4. No extension shall be permitted to serve uses that are clearly inconsistent with Land Use Policies.
- D. On-site Waste Water Management Zones may be established in rural areas designated as Agriculture, Exclusive; Rural Lands; and Residential Rural. All existing and proposed residential development shall comply with the provisions of such zones.

**JC-P21 Parks and Recreation Facilities** The County shall encourage the development and maintenance of recreational uses in the Planning Area.

JC-P21x2 City Acquisition of Park Site The City should acquire the park site designated on the Land Use Plan.

JC-Figure 1 Urban Development and Urban Expansion Area from the Land Use Map placeholder map



## ORICK COMMUNITY PLAN

### LAND USE AND DEVELOPMENT

**OCP-P1 Population.** The County shall support Orick's efforts to reverse declining population trends by:

- A. encouraging tourist-oriented developments to locate in the Orick area; and
- B. including Orick in future Block Grant proposals.

**OCP-P2 Protection of Agriculture.** Maintain the existing agricultural operations through the application of agricultural zoning.

**OCP-P3 Identify Suitable Sites for R-V Parks.** Identify and designate sites that would be suitable for R-V parks and mobile home parks.

**OCP-P4 Location of Commercial Uses.** Locate retail commercial uses in the existing community center, with population serving establishments concentrated north of Redwood Creek, and visitor serving uses south of the Creek.

**OCP-P5 Conversion of Resource Dependent Sites to Visitor Serving.** Permit the conversion of Resource Dependent Industrial sites to tourist oriented R-V parks. Campgrounds or resorts, if the sites are physically suitable for such uses.

**OCP-P6 Residential Uses.** In order to increase the availability and quality of housing for the residents of Orick, designate additional land in the center of town for residential use. New residential development should be compatible with the rural character of the community.

**OCP-P7 Clustering of Houses.** Clustering and individual home ownership on large lots held in common should be encouraged.

**OCP-P8 Manufactured Homes in Residential Areas.** Permit the placement of manufactured homes in single family residential areas. Permit the construction of mobile home parks in undeveloped portions of the ~~Single Family Residential~~ Low Density designation if the proposed park can comply with the provisions of the County Zoning Regulations. Any proposed mobile home park should be subject to the County's Use Permit approval process.

**OCP-P9 Redwood National Park Master Plan.** In order to promote increased visitor usage of Redwood National park, and to identify Orick as a major provider of services to park visitors The County should support the following specific aspects of the Park Master Plan:

- provide campsites at Orick Hill;
- provide campsites at Skunk Cabbage Hill;
- maintain no-charge camping at Freshwater Lagoon beach; and
- require that visitor services that are available in Orick be identified in any County financed literature that discusses Redwood National Park.

**OCP-P9x1 Use of On-Site Sewage.** Lands located within the Urban Development Area may utilize on-site sewage disposal systems provided that no waiver of individual site suitability criterion and site evaluation methods required to be used by the Health Officer or his authorized representatives shall be granted in the review and approval of individual sewage disposal system permit applications within the Urban Development Areas.

**OCP-P9x2 Requirement to Connect to Water System.** All new construction or development within the Urban Development Area shall be required to utilize the community water system. Existing

development located in the Urban Development Area that is not presently connected to the public water system shall be required to utilize the public water system when such development is rehabilitated, replaced or structurally improved.

## CIRCULATION

**OCP-P10 Sidewalks.** The County shall consider including sidewalk construction and repairs in Orick in future Block Grant proposals.

**OCP-11 Pedestrian Safety.** In order to improve both the safety and the visual quality of U.S. Highway 101 through Orick The County should encourage CalTrans to include additional improvements to the approaches of Redwood Creek Bridge that would increase driver and pedestrian safety.

**OCP-P12 Improvements to Hufford Road.** The County, together with Redwood National Park, should consider improvement of Hufford Road as a visitor access to the mouth of Redwood Creek.

**OCP-P12x1 Requirement for Sidewalks Along U.S. 101.** All new development fronting on U.S. Highway 101 shall be required to construct sidewalks along the highway frontage in the Urban Development Area.

**OCP-P12x2 Pavement Marking on U.S. 101.** CalTrans should stripe the edge of the traveled way in Orick to make roadside parking areas more obvious and add a center turning lane in the wider portion of the highway.

## PUBLIC FACILITIES

**OCP-P13 Community Water.** In order to maintain a quality water supply system to meet the needs of the community all new development within the Urban Development or Urban Expansion areas shall be required to utilize the community water system.

**OCP-P14 Extension of Community Water.** The Orick Community Services District shall retain discretion to extend or not extend community water service to the rural portion of the Planning Area. The District may approve extension of such service subject to any requirements that it may adopt and to the following guidelines:

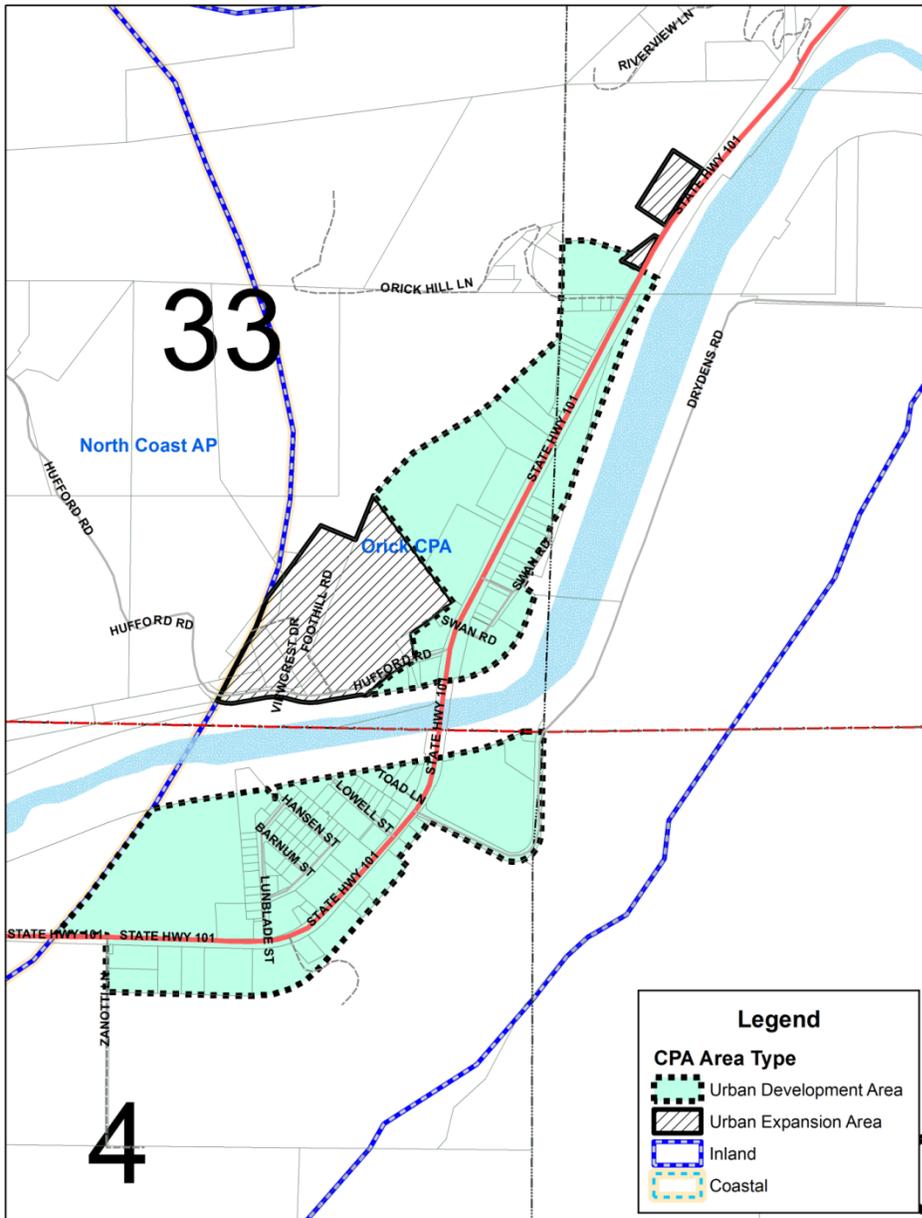
- to areas designated as Timberlands, no extension of community water systems shall be permitted;
- to areas designated as Agriculture Exclusive and ~~Rural~~ Residential Agriculture: the extension must be an emergency response to the failure on an existing system; and, the capacity of the extension shall be limited to a size adequate to meet the existing residential requirements;
- no extension shall be permitted to serve uses that are clearly inconsistent with the Land Use Designation; and
- to areas designated as Residential Estates: community water systems may be provided to meet existing and planned residential development.

**OCP-P15 Design and Community Beautification.** To increase visitor expenditures in the commercial businesses in Orick The community should encourage and assist property owners along the highway to use landscaping, fencing and painting to improve the appearance of the community. The OEDC should consider commissioning a Design Plan to guide private beautification efforts.

**OCP-P16 Community Promotion.** Visitor serving businesses in the community should advertise together to promote visits to the Orick area. On the next reprinting of the Orick brochure, the brochure should be expanded to include the name and phone number of visitor serving businesses. A progressive museum should be developed in local stores.

**OCP-P17 Long Term Efforts.** The County should submit an application for Community Development Block Grant funds for a project in Orick which would include housing and commercial building rehabilitation, landscaping and sidewalk construction.

OCP Figure 1 – Urban Development and Expansion Areas from Figure 3 [placeholder map](#)



# WILLOW CREEK COMMUNITY PLAN

## LAND USE AND DEVELOPMENT

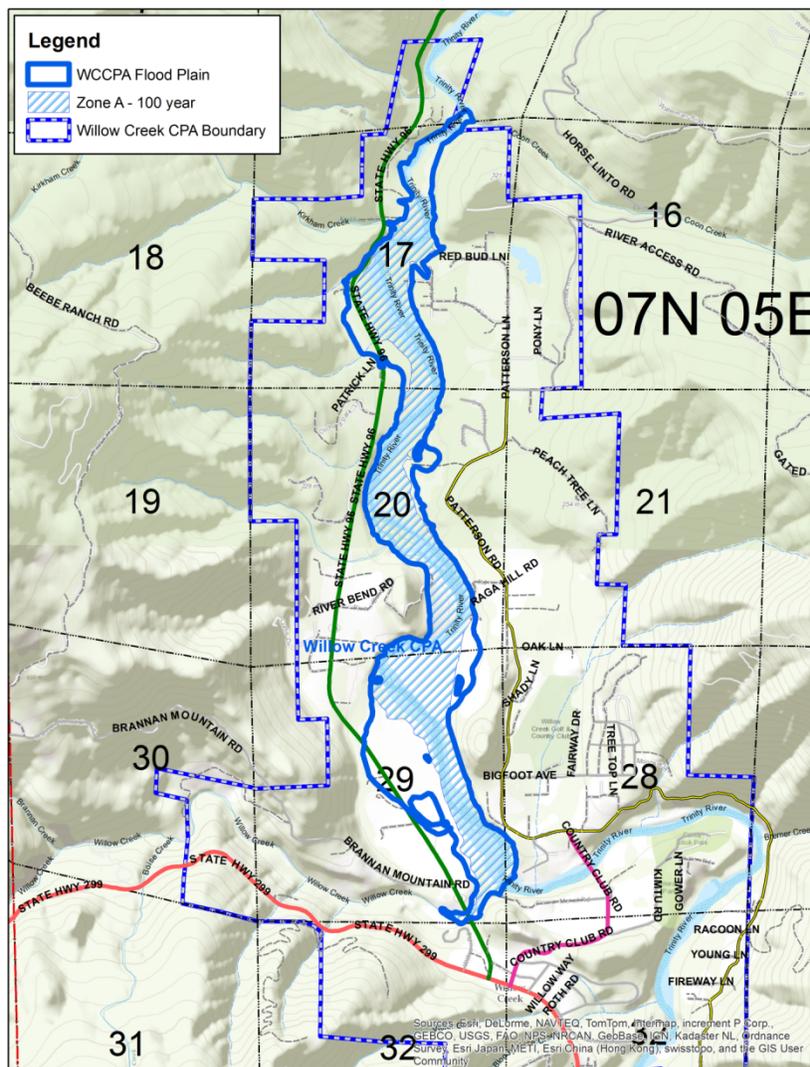
**WCCP-P1 Commercial Recreation.** In the Commercial recreation designation near the intersection of Brannan Mountain Road and Highway 96, visitor-serving uses are considered compatible with contiguous land use designations.

**WCCP-P2 Public Lands.** Public lands under the ownership of the United States Forest Service are designated with a Public lands land use designation and zoned Agriculture Exclusive (AE).

## HAZARDS AND RESOURCES

**WCCP-P3 Flood Hazards.** Use the 500-year flood plain level (1964 flood) for land use planning and zoning purposes. The flood plain for the Trinity River in the planning area is included in Figure 1 of the Community Plan

WCCP Figure 1 – 500 Year Flood Plain from Figure 3 [placeholder map](#)



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## Appendix D Reference List

### Humboldt County General Plan Update Background Documents

The following documents are available on the County's General Plan Update website at <http://humboldt.gov/571/Background-Reports>

- Building Communities, prepared for Humboldt County by Dyett & Bhatia (February 2002)
- Natural Resources and Hazards, prepared for Humboldt County by Dyett & Bhatia (September 2002)
- Natural Resources and Hazards Volume II: Detailed Watershed Characteristics and Regulatory Framework Analysis, Humboldt County Community Development Services and Dyett & Bhatia (September 2002)
- Moving Goods and People, prepared for Humboldt County by Dyett & Bhatia (October 2002)
- Agricultural Resources and Policies, Humboldt County Community Development Services (August 2003)
- Community Design Toolkit, prepared for Humboldt County by Dyett & Bhatia (October 2003)
- Forest Resources and Policies, Humboldt County Community Development Services (October 2003, revised April 2006)
- Residential Land Availability Survey, Humboldt County Community Development Services (February 2004)
- Sketch Plan Alternatives Report, Humboldt County Community Development Services (June 2004)
- Humboldt County General Plan 2025 Energy Element and Background Technical Report prepared for Redwood Coast Energy Authority by Schatz Energy Research Center Humboldt State University (October 2005)
- Living in a Networked World: Humboldt County Telecommunications Infrastructure and Usage Assessment, NERATech (December 2004)
- Water Resources Technical Report, prepared for Humboldt County by Winzler and Kelly Consulting Engineers (November 2007)
- Community Infrastructure and Services Technical Report, prepared for Humboldt County by Winzler and Kelly Consulting Engineers (July 2008)
- Humboldt County Master Fire Protection Plan, Humboldt County Fire Safe Council (August 2006)

## Humboldt County Regulations and Information References

- Humboldt County Web Geographic Information Systems (GIS) Mapping Applications  
<http://humboldt.gov/1357/Web-GIS>
- Humboldt County General Plan Update Health Impact Assessment, Humboldt County Public Health Branch (2008) <http://www.humpal.org/hia.html>
- Humboldt County Airport Master Plans (Arcata / Eureka Airport-2005; Kneeland Airport-2005; Dinsmore Airport-2007; Garberville Airport-2007; Murray Field Airport-2007; Rohnerville Airport-2007) prepared for Humboldt County by Mead & Hunt, Inc. (2005 through 2007)  
<http://co.humboldt.ca.us/aviation/>
- Prosperity! Update, Comprehensive Economic Development Strategy, Humboldt County  
<http://www.redwoodcoastprosperity.com/>
- County of Humboldt Emergency Operations Plan, Humboldt County Sheriff's Office (June 2002) <http://www.humboldt.gov/374/Emergency-Operations-Plan>
- Humboldt County Fire Safe Regulations (Humboldt County Code, Division 11 of Title III)  
<http://www.humboldt.gov/DocumentCenter/Home/View/278>
- County of Humboldt County Surface Mining Regulations, Extraction Review Team (CHERT),  
<http://www.humboldt.gov/252/Surface-Mining-Reclamation-Act-SMARA-Doc>
- Airport Land Use Compatibility Plan - Humboldt County Airports (Hodges & Shutt, 1993, amended 1/27/98)
- Humboldt County Five Year Road and Bridge Capital Improvement Plan, Humboldt County Public Works Department (2003)  
<http://co.humboldt.ca.us/board/agenda/questys/MG4512/AS4550/AS4551/AI6400/DO6401/BOSAgendaItem.pdf>

## Regional Regulations and Information References

- Humboldt County Regional Transportation Plan Update, Humboldt County Association of Governments (2015) <http://hcaog.net/library>
- Humboldt County Regional Transportation Plan Update, Humboldt County Association of Governments (2006) <http://hcaog.net/library>
- Regional Bicycle Transportation Plan Update, Humboldt County Association of Governments (2004) <http://hcaog.net/library>
- Pedestrian Needs Assessment, Humboldt County Association of Governments (2003)  
<http://hcaog.net/library>
- Regional Parking Needs Study, Humboldt County Association of Governments (2003)  
<http://hcaog.net/library>
- Traffic Calming and Safety Enhancement in the Hoopa Valley Indian Reservation Conceptual Plan, prepared for the Hoopa Tribe by the Local Government Commission (2005)
- Manila Community Transportation Plan, prepared by W-Trans for the Humboldt County Association of Governments (2003) (Phases I and II)
- City and District Sphere of Influence Reports (LAFCO) <http://humboldtlafco.org/>
- North Coast Resource Partnership <http://www.northcoastresourcepartnership.org/>

- Water Quality Control Plan for the North Coast Region (Basin Plan), North Coast Regional Water Quality Control Board (May 2011) [http://www.swrcb.ca.gov/northcoast/water\\_issues/programs/basin\\_plan/basin\\_plan.shtml](http://www.swrcb.ca.gov/northcoast/water_issues/programs/basin_plan/basin_plan.shtml)
- Redwood Coast Energy Authority <http://www.redwoodenergy.org>
- North Coast Unified Air Quality Management District, Rules and Regulations <http://www.ncuaqmd.org/index.php?page=rules.regulations>
- Humboldt Waste Management Authority (HWMA) <http://www.hwma.net/>
- Port of Humboldt Bay Harbor Revitalization Plan, PB Ports & Marine, Inc. (February 2003) <http://humboldt-bay.org/sites/humboldt-bay2.org/files/Port%20of%20Humboldt%20Bay%20Harbor%20Revitalization%20Plan%20Feb%202003.pdf>
- Strategic Plan Update, North Coast Railroad Authority (February 2007) <http://www.northcoastrailroad.org/plandocs.html>
- Humboldt County Child Care Economic Impact Report, LINCC Consulting Group (2004)
- Timber Heritage Association (formerly known as Northern Counties Logging Interpretive Association) <http://www.timberheritage.org/>
- Redwood Coast Connect <http://www.humboldtgeospatial.com/rcc/>

## California Laws and Information References

**Government Code** <http://www.leginfo.ca.gov/cgi-bin/calawquery?codesection=gov&codebody=&hits=20>

California Land Conservation Act of 1965 or Williamson Act (Section 51200 and following)

California Timberland Productivity Act (Section 51100 and following)

Authority and Scope for General Plans (Section 65300 and following)

Cortese-Knox-Hertzberg Local Government Reorganization Act of 2000 or Local Agency Formation Commission Law (Section 56000 and following)

### Public Resources Code

<http://leginfo.legislature.ca.gov/faces/codesTOCSelected.xhtml?tocCode=PRC&tocTitle=+Public+Resources+Code+-+PRC>

California Wild and Scenic Rivers Act (Section 5093.50 and following)

Archaeological, Paleontological, and Historical Sites (Section 5097 and following)

Native American Historical, Cultural, and Sacred Sites (Section 5097.9 and following)

Native American Historic Resource Protection Act (Section 5097.993 and following)

California Environmental Quality Act (Section 21000 and following)

California Coastal Act of 1976 (Section 30000 and following)

California Surface Mining and Reclamation Act of 1975 (Section 2710 and following)

Alquist-Priolo Earthquake Fault Zoning Act (Section 2621 and following)

Integrated Waste Management Act of 1989 (Section 40000 and following)

### Water Code

<http://leginfo.legislature.ca.gov/faces/codesTOCSelected.xhtml?tocCode=WAT&tocTitle=+Water+Code+-+WAT>

Porter-Cologne Water Quality Control Act (Section 13000 and following)

**Fish and Game Code**

<http://leginfo.legislature.ca.gov/faces/codesTOCSelected.xhtml?tocCode=FGC&tocTitle=+Fish+and+Game+Code++FGC>

California Endangered Species Act (Section 2050 and following)

**Health and Safety Code**

<http://leginfo.legislature.ca.gov/faces/codesTOCSelected.xhtml?tocCode=HSC&tocTitle=+Health+and+Safety+Code++HSC>

Global Warming Solutions Act (Section 38500 and following)

California Clean Air Act - Air Quality Regulations (Section 39000 and following)

**Streets and Highways Code**

<http://leginfo.legislature.ca.gov/faces/codesTOCSelected.xhtml?tocCode=SHC&tocTitle=+Streets+and+Highways+Code++SHC>

California State Scenic Highways (Section 260 and following)

State of California General Plan Guidelines, Governor's Office of Planning and Research (2003)

[https://www.opr.ca.gov/s\\_generalplanguidelines.php](https://www.opr.ca.gov/s_generalplanguidelines.php)

Uniform Building Code as adopted for California (California Code of Regulations, Title 24, Part 2)

California Fire Code (California Code of Regulations, Title 24, Part 9)

California Department of Fish and Game, Streambed Alteration Agreements

<https://www.wildlife.ca.gov/conservation/lsa>

California Department of Fish and Game, California Natural Diversity Data Base

<https://www.wildlife.ca.gov/Data/CNDDDB>

Air Quality and Land Use Handbook: A Community Health Perspective, California Air Resources Board <http://www.arb.ca.gov/ch/landuse.htm>

California Department of Forestry (CALFIRE) <http://www.fire.ca.gov/>

California Department of Forestry, Fire and Resource Assessment Program (FRAP)

<http://frap.fire.ca.gov/>

California Department of Forestry Fire Hazard Severity

[http://www.fire.ca.gov/fire\\_prevention/fire\\_prevention\\_wildland\\_zones.php](http://www.fire.ca.gov/fire_prevention/fire_prevention_wildland_zones.php)

California Geological Survey, Department of Conservation North Coast Watersheds landslide mapping [http://www.conservation.ca.gov/cgs/fwgp/Pages/maps\\_data.aspx](http://www.conservation.ca.gov/cgs/fwgp/Pages/maps_data.aspx)

Labor Market Information, Labor Market Information Division, Employment Development Department <http://www.labormarketinfo.edd.ca.gov/>

California Department of Finance, Demographic Research Unit

<http://www.dof.ca.gov/Forecasting/Demographics/>

**Federal Laws and Information References**

Federal Clean Air Act 1990 <http://www.epa.gov/air/caa/>

Federal Endangered Species Act of 1973, (16 U.S.C. 1531-1544, 87 Stat. 884)

<http://www.fws.gov/laws/lawsdigest/ESACT.html>

National Environmental Policy Act of 1969 (40 CFR Section 1500 - 1508)

<https://www.epa.gov/laws-regulations/summary-national-environmental-policy-act>

Federal Clean Water Act (40 CFR Part 100 - 149)

<https://www.epa.gov/laws-regulations/summary-clean-water-act>

Resources Conservation and Recovery Act (42 U.S.C. Section 6901 and following)

<https://www.epa.gov/laws-regulations/summary-resource-conservation-and-recovery-act>

United States Geologic Survey, 7.5-minute Quadrangle mapping

<http://topomaps.usgs.gov/index.html>

Federal Emergency Management Agency (FEMA) Flood Maps

<https://hazards.fema.gov/wps/portal/mapviewer>

United States Census Bureau, Demographic Data

<https://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml>

## Other References

Dr. Michael Porter, Director of the Institute for Strategy and Competitiveness at Harvard University School of Business.

Henderson and Abraham, 3rd Quarter, 2004. "Can Rural America Support a Knowledge Economy?" *Economic Review*, Center for the Study of Rural America, Federal Reserve Bank, Kansas City, KA. Drabenscott, 2004. "Top Ten Things to Reinvent Your Region's Economy", *Economic Review*, Center for the Study of Rural America, Federal Reserve Bank, Kansas City, KS

Richard Florida, PhD, 2001. *Rise of the Creative Class. Technology and Tolerance: The Importance of Diversity to High-Technology Growth.*

New Firm Creation, 2000 data. U.S. Census Bureau, Washington, D.C. As cited in Advanced Research Technologies, LLC. 2005. *The Innovation-Entrepreneurship NEXUS.*

LINCC Consulting Group, 2004. *Humboldt County Child Care Economic Impact Report.*

CA Association for Micro-Enterprise Opportunity: CA Fast Facts <http://www.microbiz.org/>

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## Appendix E Coastal Plans

This appendix will contain the 2017 Humboldt County General Plan that applies in the coastal zone upon certification by the Coastal Commission. The land use maps for the coastal areas as shown in the Revised DEIR for the GPU (SCH # 2007012089) will be added to the Local Coastal Plans and the Appendix F - Map Book upon certification by the Coastal Commission.

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