

# TABLE OF CONTENTS

Chapter	Page
<b>1 INTRODUCTION .....</b>	<b>IN-1</b>
Overview and Setting .....	IN-1
The Community's Vision .....	IN-5
Purpose and Scope .....	IN-7
Plan Format .....	IN-7
Planning Process.....	IN-12
Orderly Growth Initiative .....	IN-12
Measure T.....	IN-12
General Plan Outreach .....	IN-13
Implementing the General Plan.....	IN-17
Development Strategy.....	IN-18
Implementation Programs .....	IN-18
The General Plan in Relation to Other Planning Efforts .....	IN-19
Federal Government .....	IN-19
State Government.....	IN-20
Regional Government .....	IN-20
City Plans .....	IN-20
Supporting Documentation .....	IN-21
<b>2 LAND USE .....</b>	<b>LU-1</b>
Introduction .....	LU-1
Scope and Content .....	LU-2
Purpose and Relationship to Other General Plan Chapters .....	LU-2
Planning Context.....	LU-4
Land Use Plan .....	LU-6
Land Use Diagram .....	LU-6
Land Use Diversity .....	LU-9
Measuring Land Use Density and Intensity .....	LU-9
Development Capacity .....	LU-10
Land Use Designations .....	LU-17
Airport Compatible Land Uses .....	LU-26
Related Plans, Programs, and Agencies .....	LU-31
Goals.....	LU-33
Policies .....	LU-34
Municipal Service Areas .....	LU-35

**Table of Contents**

Residential Uses ..... LU-36  
 Commercial and Industrial Uses ..... LU-36  
 General Land Use Policies ..... LU-37  
 Implementation Programs..... LU-38  
     Regulations ..... LU-38  
     Development Review..... LU-41  
     Coordination with Other Agencies and Organizations ..... LU-47  
 Special Study Areas ..... LU-50  
     Middle Green Valley ..... LU-50  
     Suisun Valley ..... LU-59  
     Collinsville ..... LU-67  
     Old Town Cordelia..... LU-74

**3 AGRICULTURE.....AG-1**  
 Introduction..... AG-1  
     Scope and Content ..... AG-3  
     Purpose and Relationship to Other General Plan Chapters ..... AG-3  
     Related Plans, Programs, and Agencies ..... AG-3  
 Current Solano County Agriculture ..... AG-7  
     Agricultural Economy ..... AG-8  
     Agricultural Land Use ..... AG-8  
     Conservation and Farmland Conversion..... AG-12  
     Agricultural Identity and Tourism..... AG-13  
 Agricultural Conservation Tools ..... AG-13  
     Conservation Techniques ..... AG-13  
     Agricultural Regions..... AG-17  
 Goals..... AG-27  
 Policies ..... AG-28  
     Regional Policies ..... AG-31  
 Implementation Programs..... AG-33  
     Regulations ..... AG-33  
     Funding, Physical Improvements, and Capital Projects ..... AG-36  
     Development Review..... AG-38  
     Ongoing Planning Efforts, Public Outreach, and Education.... AG-40  
     Coordination with Other Agencies and Organizations ..... AG-44

**4 RESOURCES .....RS-1**  
 Introduction..... RS-1  
     Purpose ..... RS-2  
     Scope and Content ..... RS-2  
     Relationship to Other General Plan Chapters..... RS-4  
 Goals..... RS-5  
 Biological Resources ..... RS-6  
     Planning Context ..... RS-6  
     Related Plans, Programs, and Agencies ..... RS-7  
     Policies..... RS-11  
     Implementation Programs ..... RS-12  
 Marsh and Delta Areas..... RS-22  
     Planning Context ..... RS-22  
     Related Plans, Programs, and Agencies ..... RS-22  
     General Marsh-Delta Policies ..... RS-24  
     Suisun Marsh Policies..... RS-24

**Table of Contents**

Sacramento–San Joaquin Delta Policies..... RS-27  
 White Slough Specific Plan Area Policies..... RS-29  
 Napa Sonoma Marsh Restoration Project Policy..... RS-29  
 Implementation Programs..... RS-30  
 Minerals ..... RS-31  
     Planning Context ..... RS-31  
     Related Plans, Programs, and Agencies ..... RS-32  
     Policies ..... RS-35  
     Implementation Programs..... RS-35  
 Scenic Resources ..... RS-36  
     Planning Context ..... RS-36  
     Related Plans, Programs, and Agencies ..... RS-37  
     Policies ..... RS-37  
     Implementation Programs..... RS-37  
 Cultural Resources ..... RS-41  
     Planning Context ..... RS-41  
     Related Plans, Programs, and Agencies ..... RS-43  
     Policies ..... RS-43  
     Implementation Programs..... RS-43  
 Recreational Resources ..... RS-46  
     Planning Context ..... RS-46  
     Related Plans, Programs, and Agencies ..... RS-47  
     Policies ..... RS-47  
     Implementation Programs..... RS-48  
 Energy Resources and Conservation..... RS-51  
     Planning Context ..... RS-51  
     Related Plans, Programs, and Agencies ..... RS-55  
     Policies ..... RS-56  
     Implementation Programs..... RS-57  
 Community Separators..... RS-69  
     Planning Context ..... RS-69  
     Related Plans, Programs, and Agencies ..... RS-70  
     Policies ..... RS-71  
     Implementation Programs..... RS-71  
 Water Resources and Quality..... RS-72  
     Planning Context ..... RS-72  
     Related Plans, Programs, and Agencies ..... RS-74  
     Policies ..... RS-78  
     Implementation Programs..... RS-79

**5 PUBLIC HEALTH AND SAFETY ..... HS-1**  
 Introduction ..... HS-1  
     Purpose ..... HS-2  
     Scope and Content ..... HS-3  
     Relationship to Other General Plan Chapters ..... HS-4  
 Goals..... HS-4  
 Flood Control ..... HS-5  
     Planning Context ..... HS-5  
     Related Plans, Programs, and Agencies ..... HS-19  
     Policies ..... HS-20  
     Implementation Programs..... HS-21  
     Regulations..... HS-21

**Table of Contents**

*"Planning for a Sustainable Solano County"*

Seismic Safety and Land Stability .....HS-26  
     Planning Context .....HS-27  
     Related Plans, Programs, and Agencies .....HS-29  
     Policies.....HS-41  
     Implementation Programs .....HS-42  
     Regulations .....HS-42  
 Fire Safety .....HS-46  
     Planning Context .....HS-46  
     Fire-Safe Planning .....HS-51  
     Related Plans, Programs, and Agencies .....HS-53  
     Policies.....HS-53  
     Implementation Programs .....HS-54  
     Regulations .....HS-54  
 Hazardous Materials.....HS-58  
     Planning Context .....HS-58  
     Related Plans, Programs, and Agencies .....HS-60  
     Policies.....HS-62  
     Implementation Programs .....HS-62  
     Regulations .....HS-62  
 Disaster Preparedness.....HS-64  
     Planning Context .....HS-64  
     Related Plans, Programs, and Agencies .....HS-65  
     Policies.....HS-65  
     Implementation Programs .....HS-66  
 Public Health.....HS-69  
     Planning Context .....HS-69  
     Related Plans, Programs, and Agencies .....HS-71  
     Policies.....HS-72  
     Implementation Programs .....HS-72  
 Air Quality .....HS-75  
     Planning Context .....HS-75  
     Related Plans, Programs, and Policies .....HS-83  
     Policies.....HS-84  
     Implementation Programs .....HS-84  
 Noise .....HS-87  
     Planning Context .....HS-87  
     Related Plans, Programs, and Policies .....HS-95  
     Policies.....HS-95  
     Implementation Programs .....HS-106  
 Climate Change .....HS-111  
     Related Plans, Programs, and Policies .....HS-115  
     Policy .....HS-116  
     Implementation Program .....HS-116

**6 ECONOMIC DEVELOPMENT ..... ED-1**  
     Introduction..... ED-1  
         Scope and Content ..... ED-2  
         Purpose and Relationship to Other General Plan Chapters ..... ED-2  
     Planning Context..... ED-3  
         Economic Conditions and Trends..... ED-4  
         Employment ..... ED-4  
         The Labor Force ..... ED-6

**Table of Contents**

Economic Development Strategies..... ED-7  
 Employment ..... ED-7  
 Labor Force ..... ED-8  
 Opportunity Sites..... ED-9  
 Commercial and Industrial Land Use Planning..... ED-13  
 Infrastructure Planning ..... ED-13  
 Related Plans, Programs, and Agencies ..... ED-13  
 Solano EDC..... ED-14  
 California Workforce Investment Board..... ED-14  
 Goals..... ED-15  
 Policies ..... ED-15  
 Implementation Programs ..... ED-17  
 Funding, Physical Improvements, and Capital Projects ..... ED-17  
 Ongoing Planning Efforts, Public Outreach and Education ..... ED-17  
 Coordination with Other Agencies and Organizations ..... ED-18

**7 TRANSPORTATION AND CIRCULATION..... TC-1**  
 Introduction ..... TC-1  
 Purpose ..... TC-2  
 Scope and Content ..... TC-4  
 Relationship to Other General Plan Chapters ..... TC-4  
 Goals..... TC-4  
 General Transportation..... TC-5  
 Planning Context ..... TC-5  
 Related Plans, Programs, and Policies ..... TC-6  
 Policies ..... TC-6  
 Implementation Programs..... TC-7  
 Roadways ..... TC-9  
 Planning Context ..... TC-9  
 Policies ..... TC-15  
 Implementation Programs..... TC-15  
 Bus Transit ..... TC-17  
 Planning Context ..... TC-17  
 Related Plans, Programs, and Policies ..... TC-18  
 Policies ..... TC-18  
 Implementation Programs..... TC-18  
 Rail Services..... TC-19  
 Planning Context ..... TC-19  
 Related Plans, Programs, and Policies ..... TC-20  
 Policy ..... TC-20  
 Implementation Programs..... TC-20  
 Air Transportation ..... TC-21  
 Planning Context ..... TC-21  
 Policies ..... TC-22  
 Implementation Programs..... TC-22  
 Port Facilities and Ferries..... TC-23  
 Planning Context ..... TC-23  
 Policy ..... TC-23  
 Implementation Program ..... TC-23  
 Nonmotorized Facilities ..... TC-24  
 Planning Context ..... TC-24  
 Related Plans, Programs, and Policies ..... TC-25

**Table of Contents**

Policies..... TC-25  
 Implementation Programs ..... TC-25

**8 PUBLIC FACILITIES AND SERVICES.....PF-1**

Introduction..... PF-1  
 Purpose ..... PF-2  
 Scope and Content ..... PF-2  
 Relationship to Other General Plan Chapters..... PF-3  
 Goals..... PF-3  
 General..... PF-4  
     Policies..... PF-4  
     Implementation Programs ..... PF-5  
 Water Facilities and Service ..... PF-7  
     Planning Context ..... PF-7  
     Related Plans, Programs, and Agencies ..... PF-8  
     Policies..... PF-8  
     Implementation Programs ..... PF-9  
 Sewer and Wastewater ..... PF-14  
     Planning Context ..... PF-14  
     Related Plans, Programs, and Agencies ..... PF-15  
     Policies..... PF-15  
     Implementation Programs ..... PF-16  
 Solid Waste ..... PF-20  
     Planning Context ..... PF-20  
     Related Plans, Programs, and Agencies ..... PF-22  
     Policies..... PF-22  
     Implementation Programs ..... PF-23  
 Drainage ..... PF-25  
     Planning Context ..... PF-25  
     Policies..... PF-25  
     Implementation Programs ..... PF-26  
 Fire Protection and Emergency Services..... PF-28  
     Planning Context ..... PF-28  
     Policies..... PF-29  
     Implementation Programs ..... PF-29  
 Law Enforcement ..... PF-31  
     Planning Context ..... PF-31  
     Policies..... PF-32  
     Implementation Programs ..... PF-32  
 Public Education ..... PF-33  
     Planning Context ..... PF-33  
     Related Plans, Programs, and Agencies ..... PF-34  
     Policies..... PF-35  
     Implementation Programs ..... PF-35  
 Community Facilities ..... PF-37  
     Planning Context ..... PF-37  
     Related Plans, Programs, and Agencies ..... PF-38  
     Policies..... PF-38  
     Implementation Programs ..... PF-39  
 Utilities ..... PF-40  
     Planning Context ..... PF-40  
     Related Plans, Programs, and Agencies ..... PF-40

Policies ..... PF-40  
 Implementation Programs..... PF-41

**9 HOUSING ELEMENT PROGRESS REPORT AND HOUSING NEEDS ASSESSMENT .....HE-1**  
 Introduction .....HE-1  
     Housing Element Background.....HE-1  
     Housing Element Public Participation Process .....HE-2  
     Review of Previous Element.....HE-3  
 Goal, Objectives, Policies and Programs .....HE-4  
     Goal.....HE-4  
     Objective, Policy, and Program Subject Areas .....HE-4  
     Qualified Objectives .....HE-32

**10 PARK AND RECREATION ..... 1**  
 Chapter 1. Introduction..... 2  
     Purpose of the Plan ..... 2  
     Authority and Relationship to General Plan..... 2  
     Methodology ..... 3  
     Plan Format ..... 3  
 Chapter 2. Goals and Objectives..... 4  
     Countywide Planning and Coordination ..... 4  
     Land Use ..... 6  
     Facilities Development..... 8  
     Private Recreational Development ..... 10  
     Management and Operations ..... 11  
 Chapter 3. Recreation Today..... 13  
     Administrative Framework ..... 13  
     Existing Facilities ..... 15  
 Chapter 4. Recreation Needs ..... 19  
     Identifying Needs..... 19  
     Meeting Needs ..... 20  
 Chapter 5. Plan Proposals and Implementation Recommendations .....25  
 Chapter 6. Implementation Alternatives..... 42  
     Conceptual Framework..... 42  
     Implementing Bodies..... 42  
     Implementation Tools..... 43  
     Implementation Program ..... 44

**11 TRI-CITY AND COUNTY COOPERATIVE PLAN FOR AGRICULTURE AND OPEN SPACE PRESERVATION ..... 1**  
 Executive Summary..... 1  
 Introduction ..... 3  
     Purpose and Scope..... 3  
     History of the Tri-City and County Cooperative Planning Group ..... 4  
     Planning Program & Process ..... 7  
     Report Organization ..... 11  
 Overall Planning Goal and Objectives Summary ..... 12  
     Cooperative Plan for Agriculture and Open Space Preservation Goal ..... 12  
     Summary of Planning Objectives ..... 12

**Table of Contents**

Cooperative Plan for Agriculture and Open Space  
 Preservation Policy Map ..... 14  
 Open Space Preservation Objectives and Policies ..... 16  
 Permanent Open Space Objective 16  
 Agricultural and Compatible Open Space Use Preservation  
 Objective ..... 24  
 Wind Energy Development Objective ..... 25  
 Mineral Resources Extraction Objective ..... 32  
 Open Space Resources Preservation and Conservation  
 Objective ..... 34  
 Regional Park and Recreation Objectives and Policies..... 37  
 Regional Park and Recreation Objective ..... 39  
 Recreational Use Policies ..... 39  
 Recreation Area Guidelines ..... 42  
 Regional Trails Guidelines..... 49  
 Cooperative Plan for Agriculture and Open Space  
 Preservation Implementation Objectives and Policies..... 52  
 Inter-jurisdictional Planning, Implementation, and  
 Management Objective ..... 52  
 Open Space Preservation Objective ..... 55  
 Park Operations, Maintenance, and Public Education  
 Objective ..... 57  
 APPENDICES ..... 60  
 References..... 60  
 Persons Contacted..... 63  
 Park & Open Space Opportunities Map..... 64  
 Preliminary Wind Turbine Siting Constraints Analysis Map..... 65  
 Recreation Activities and Facilities Table ..... 66  
 Definition of Open Space ..... 67  
 Text of Solano County's Exclusive Agriculture A-20 Zoning  
 Ordinance ..... 68  
 Environmental Suitability Evaluation..... 72  
 Preservation Plan Amendment Process ..... 73  
  
**12 SUISUN MARSH LOCAL PROTECTION PROGRAM POLICIES ..... SM-1**  
 Introduction.....SM-1  
 Relationship to Other General Plan Chapters .....SM-1  
 Land Use Diagram.....SM-2  
 Suisun Marsh Policies .....SM-7  
 Biologic Resources.....SM-7  
 Wildlife Habitat Management and Preservation .....SM-8  
 Agriculture .....SM-8  
 Water Quality and Flood Control .....SM-9  
 Natural Gas .....SM-12  
 Utilities, Facilities and Transportation .....SM-15  
 Recreation and Marsh Access.....SM-23  
 Scenic Resources.....SM-25  
 Water Dependent Industrial Uses .....SM-26  
 Policies Regulating Sewage Disposal Systems within the  
 Suisun Marsh .....SM-29



**Appendices**

- A Acronyms and Other Abbreviations
- B Guiding Principles
- C Suisun Marsh Policy Addendum – Deleted, replaced by Chapter 12
- D Mitigation Monitoring and Reporting Program
- E Ordinance No. 2008-01 (Measure T)

**Table of Contents**

**Figures** **Page**

**Chapter 1 Introduction**

IN-1 Unincorporated Solano County ..... IN-3  
IN-2 Policy Pyramid Diagram..... IN-10

**Chapter 2 Land Use**

LU-1 Land Use Diagram ..... LU-7  
LU-2 Examples of Floor-Area Ratio (FAR) ..... LU-10  
LU-3 Municipal Service Area Concept Diagram..... LU-12  
LU-4 Municipal Service Areas ..... LU-15  
LU-5 Interim Agricultural Areas..... LU-16  
LU-6 Airport Influence Areas ..... LU-29  
LU-7 Dixon Limited Industrial Area ..... LU-39  
LU-8 I-505/North Vacaville Specific Project Area ..... LU-45  
SS-1 Special Study Area Locations ..... LU-51  
SS-2 Middle Green Valley SSA Land Use Diagram..... LU-55  
SS-3 Middle Green Valley Conceptual Land Use Plan ..... LU-57  
SS-4 Suisun Valley SSA Land Use Plan ..... LU-63  
SS-5 Collinsville SSA Land Use Plan ..... LU-69  
SS-6 Old Town Cordelia SSA Land Use Plan ..... LU-75

**Chapter 3 Agriculture**

AG-1 Important Farmland ..... AG-5  
AG-2 Williamson Act Contracts..... AG-9  
AG-3 Transfer of Development Rights ..... AG-14  
AG-4 Agricultural Regions..... AG-19  
AG-5 Elmira and Maine Prairie Minimum Lot Sizes ..... AG-23  
AG-6 Pleasants, Vaca, Lagoon Valleys Minimum Lot Sizes ..... AG-25  
AG-7 Western Hills Minimum Lot Sizes ..... AG-26  
AG-8 Western Hills – Tri-City & County Area Minimum Lot Sizes..... AG-27

**Chapter 4 Resources**

RS-1 Priority Habitat Areas ..... RS-17  
RS-2 Resource Conservation Overlay ..... RS-18  
RS-3 Delta & Marsh Protection Areas..... RS-25  
RS-4 Mineral Resources..... RS-33  
RS-5 Scenic Roadways ..... RS-39

**Chapter 5 Public Health and Safety**

HS-1 100-year Floodplain Zone ..... HS-7  
HS-2 200-Year Floodplain Zone ..... HS-9  
HS-3 Dam Inundation ..... HS-13  
HS-4 Levee Flood Protection Zones..... HS-17  
HS-5 Fault Diagram..... HS-28  
HS-6 Seismic Shaking Potential ..... HS-31  
HS-7 Slope Hazards..... HS-33  
HS-8 Landslide Stability..... HS-35  
HS-9 Liquefaction Potential ..... HS-37  
HS-10 Shrink-Swell Potential ..... HS-39  
HS-11 Urban-Wildland Interface ..... HS-47  
HS-12 Very High Fire Severity Zones and SRA ..... HS-49  
HS-14 Buffering ..... HS-52  
HS-15 Clustering ..... HS-52  
HS-16 Air Quality Management District Jurisdictions ..... HS-79

*"Planning for a Sustainable Solano County"*

HS-17 Roadway Noise Contours (2006) .....HS-97  
 HS-18 Roadway Noise Contours (2030) .....HS-99  
 HS-19 Railroad Noise Contours .....HS-101  
 HS-20 Travis Air Force Base Noise Contours .....HS-103  
 HS-21 Rio Vista Municipal Airport Noise Contours .....HS-104  
 HS-22 Nut Tree Airport Noise Contours.....HS-105

**Chapter 6 Economic Development**

ED-1 Employment by Industry, 2005 and 2030 ..... ED-5  
 ED-2 Opportunity Sites..... ED-11

**Chapter 7 Transportation and Circulation**

TC-1 Roadway Diagram ..... TC-13

**Chapter 8 Public Facilities and Services**

PF-1 Regional Water Quality Control Boards ..... PF-17  
 PF-2 Solid Waste Facilities..... PF-21

**Chapter 10 Park and Recreation**

Location Map..... 1

**Chapter 11 Tri-City and County Cooperative Plan for Agriculture and Open Space Preservation**

Figure 1 Location Map..... 6  
 Figure 2 Cooperative Plan for Agriculture and Open Space Preservation Policy Map ..... 15  
 Figure 3 Permanent Open Space Use and Boundary Policy Map ..... 18  
 Figure 4 Private Ranchland Open Space Preservation Measures ..... 21  
 Figure 5 Wind Turbine Siting Approaches..... 31  
 Figure 6 Regional Park Recreation and Trails Policy Map ..... 41

**Chapter 12 Suisun Marsh Local Protection Program Policies**

Figure SM-1 County View Suisun Marsh .....SM-3  
 Figure SM-2 Suisun Marsh Management Area .....SM-4  
 Figure SM-3 General Plan Land Uses Suisun Marsh .....SM-5

**Tables**

**Page**

**Chapter 1 Introduction**

IN-1 Topics in the Solano County General Plan ..... IN-9

**Chapter 2 Land Use**

LU-1 Cities in the County (2023).....LU-4  
 LU-3 General Plan 2030 Land Use Estimated Development Capacity in Unincorporated Solano County.....LU-11  
 LU-4 General Plan 2030 Land Use Designations in Unincorporated County and Unincorporated Municipal Service Areas .....LU-18  
 LU-5 General Plan Land Use Designations .....LU-19  
 LU-6 Specific Project Areas .....LU-26  
 LU-7 General Plan / Zoning Consistency Table .....LU-43  
 LU-8 Desired Uses in the Suisun Valley Special Study Area .....LU-66

**Chapter 3 Agriculture**

AG-1 Areas in Agricultural Production (2006)..... AG-11

"Planning for a Sustainable Solano County"

**Table of Contents**

AG-2 Farmland Conversion (1984–2006)..... AG-12  
AG-3 Agricultural Regions..... AG-21

**Chapter 5 Public Health and Safety**

HS-1 Typical A-Weighted Sound Levels of Common Noise Sources.....HS-89  
HS-2 Land Use Noise Compatibility Guidelines .....HS-90  
HS-3 Noise Standards for New Uses Affected by Traffic and Railroad Noise .....HS-92  
HS-4 Nontransportation Noise Standards— Average (dBA Leq)/Maximum (dBA L<sub>max</sub>) .....HS-93  
HS-5 Climate Change Related Policies and Programs.....HS-112