

**CITY OF OCOEE
COMPREHENSIVE PLAN**

**INFRASTRUCTURE – SANITARY SEWER, SOLID WASTE, DRAINAGE,
POTABLE WATER, AND NATURAL GROUNDWATER AQUIFER RECHARGE ELEMENT
TABLE OF CONTENTS**

	Page
TABLE OF CONTENTS.....	4-i
LIST OF TABLES.....	4-iv
LIST OF FIGURES.....	4-v
PURPOSE STATEMENT	4-vi
 SANITARY SEWER SUB-ELEMENT#1	
I. INTRODUCTION	4.1-1
A. Purpose	4.1-1
B. Terms and Concepts.....	4.1-1
C. Regulatory Framework	4.1-2
II. EXISTING CONDITIONS	4.1-2
A. Service Area	4.1-2
B. Sanitary Collection/Transmission System	4.1-3
C. Wastewater Treatment Plant.....	4.1-4
D. Effluent Disposal.....	4.1-5
E. Alternatives to Central Wastewater Disposal.....	4.1-6
III. NEEDS ASSESSMENT.....	4.1-6
IV. CONCLUSION.....	4.1-8
V. GOALS, OBJECTIVES, AND POLICIES.....	4.1-9

TABLE OF CONTENTS

	Page
SOLID WASTE SUB-ELEMENT #2	
I. INTRODUCTION	4.2-1
A. Purpose.....	4.2-1
B. Terms and Concepts.....	4.2-1
C. Regulatory Framework	4.2-2
II. INVENTORY	4.2-4
III. NEEDS ASSESSMENT	4.2-5
IV. CONCLUSION	4.2-6
V. GOALS, OBJECTIVES, AND POLICIES	4.2-7
DRAINAGE SUB-ELEMENT#3	
I. INTRODUCTION	4.3-1
A. Purpose	4.3-1
B. Environmental Setting	4.3-1
C. Regulatory Framework	4.3-3
D. Terms and Concepts	4.3-5
II. INVENTORY AND ANALYSIS	4.3-9
A. Natural Drainage Basins	4.3-9
B. Flood Plains	4.3-9
C. Soil Conditions	4.3-10
III. NEEDS ASSESSMENT	4.3-12
IV. ANALYSIS	4.3-17
V. CONCLUSIONS	4.3-18
VI. GOALS, OBJECTIVES, AND POLICIES	4.3-19

TABLE OF CONTENTS

	Page
POTABLE WATER SUB-ELEMENT #4	
I. INTRODUCTION.....	4.4-1
A. Purpose	4.4-1
B. Terms and Concepts.....	4.4-1
II. EXISTING CONDITIONS	4.4-2
A. Regulatory Framework	4.4-3
B. Service Area	4.4-4
C. Water Supply and Treatment Facilities.....	4.4-5
D. Existing Distribution System	4.4-7
III. NEEDS ASSESSMENT.....	4.4-8
A. Service Standards	4.4-8
B. Projected Population and Water Demands	4.4-8
C. Water System Improvements.....	4.4-9
IV. GOALS, OBJECTIVES, AND POLICIES.....	4.4-11
NATURAL GROUNDWATER AQUIFER RECHARGE SUB-ELEMENT #5	
I. INTRODUCTION	4.5-1
A. Purpose.....	4.5-1
B. Terms and Concepts.....	4.5-1
C. Environmental Setting	4.5-2
D. Regulatory Framework	4.5-3
II. EXISTING CONDITIONS	4.5-4
III. NEEDS ASSESSMENT	4.5-4
IV. CONCLUSIONS	4.5-5
GOALS, OBJECTIVES AND POLICIES	4.5-6

LIST OF TABLES

	Page
SANITARY SEWER SUB-ELEMENT #1	
1. Gravity and Force Main Sewer Line Inventory, 2001	4.1-3
2. Sanitary Sewer Service Area Population, Connections and Flow Rate Projections, 2000-2020	4.1-7
3. Wastewater System Five-Year Capital Improvement Projects, FY 2001-2006.....	4.1-8
SOLID WASTE SUB-ELEMENT #2	
4. Historical Residential Refuse Generation	4.2-5
5. Projected Refuse Collection, 2020	4.2-6
DRAINAGE SUB-ELEMENT #3	
6. Drainage Sub-Basin Characteristics.....	4.3-10
7. Soil Map Units in Orange County, Florida.....	4.3-11
POTABLE WATER SUB-ELEMENT #4	
8. Summary of Existing Water Demand	4.4-5
9. Service Area Population and Water Demand Projections	4.4-9
10. Water System Five-Year Capital Improvements Plan.....	4.4-10
NATURAL GROUNDWATER AQUIFER RECHARGE SUB-ELEMENT #5	
No Tables	

LIST OF FIGURES

	Page
15. Sanitary Sewer System	4.5-9
16. Potable Water System.....	4.5-10
17. Reuse-Reclaimed System	4.5-11

PURPOSE STATEMENT

This infrastructure element has been prepared to comply with the requirements of the Local Government Comprehensive Planning and Land Development Regulation Act, Chapter 163, Florida Statutes (FS). The element provides comprehensive plans for the following Sub-Elements: 1) Sanitary Sewer, 2) Solid Waste, 3) Drainage, 4) Potable Water, and 5) Natural Groundwater Aquifer Recharge. Included in each Sub-Element is an inventory of existing facilities, needs assessments, conclusion, goals, objectives and policies. In addition, the element utilized the last available data and was prepared in accordance with Chapter 9J-5, Florida Administrative Code (FAC), "Minimum Criteria for Review of Local Government Comprehensive Plans and Determination of Compliance." The element covers a planning period up to the year 2020.