



*The  
Utilities Chapter*

*Sarasota City Plan*

*and*

*Support Document*



# TABLE OF CONTENTS

Page

## The Utilities Plan

<b>INTENT AND PURPOSE</b> .....	1
Sarasota’s Defining Principles.....	1
Florida Statutory Requirements.....	1
Organization of the Utilities Plan.....	2
Implementation of the <i>Sarasota City Plan</i> .....	2
<b>GOAL, OBJECTIVES AND ACTION STRATEGIES</b> .....	3
<b>ATTACHMENT</b>	
Attachment 1: Utilities: Potable Water Facilities.....	10

## Utilities Support Document

<b>INVENTORY AND ANALYSIS</b> .....	11
<b>POTABLE WATER SUPPLY PLAN</b> .....	11
Facility Analysis.....	11
Level-of-Service.....	13
Projected Water Demand.....	14
Water Conservation Practices.....	15
Land-Use Policies.....	16
Run-Off Reduction.....	16
Urban and Agricultural Reuse.....	17
Enforced Reductions.....	17
Coordination of Water Supply Planning Efforts.....	21
Water Facilities Financing.....	23
Conservation Education Activities.....	24
Impacts on Natural Resources.....	24
Aquifer Recharge Areas.....	25
Emerging Issues.....	25
Water Supply Facilities Work Plan (2008-2017).....	26
<b>SANITARY SEWER</b> .....	28
Facility Analysis.....	28
Level-of-Service.....	28
Effluent Disposal.....	31
Unsewered Areas.....	33
Impacts on Natural Resources.....	33
Emerging Issues.....	34

**TABLE OF CONTENTS (CONTINUED)**

	Page
<b>STORMWATER DRAINAGE</b> .....	35
Facility Analysis .....	35
Design Storm .....	37
Level-of-Service .....	37
Impacts on Natural Resources .....	38
Emerging Issues .....	39
<b>SOLID WASTE</b> .....	40
Facility Analysis and Level-of-Service .....	40
Solid Waste Reduction.....	41
Hazardous Waste Disposal .....	41
Impacts on Natural Resources .....	41
Emerging Issues .....	41
<b>APPENDICES</b>	
Appendix 1: 9J-5 Requirements Index .....	43
Appendix 2: Sarasota’s Defining Principles Index.....	45
Appendix 3: Glossary .....	46
Appendix 4: Potable Water Supply Plan Index .....	47

**LIST OF ILLUSTRATIONS**

U-1	Utilities: Potable Water Facilities (map) .....	12
U-2A	Utilities: Urban Reuse Facilities System (map and table) .....	18
U-2B	Utilities: Agricultural Reuse System Facilities (map and table) .....	20
U-3	Utilities: Waste Water Facilities (map) .....	30
U-4	Permitted Water Reuse Capacity Summary (table) .....	32
U-5	Drainage Basins (map).....	36
U-6	Utilities: Solid Waste Facilities (map).....	42