

**COLLIER COUNTY  
GROWTH MANAGEMENT PLAN**

**PUBLIC FACILITIES ELEMENT  
Solid Waste Sub-Element**

**Prepared for  
COLLIER COUNTY BOARD OF COUNTY COMMISSIONERS  
Adopted October, 1997**

**AMENDMENTS TO COLLIER COUNTY GROWTH MANAGEMENT PLAN  
PUBLIC FACILITIES ELEMENT  
Solid Waste Sub-Element**

<b>Symbol</b>	<b>Date Amended</b>	<b>Ordinance No.</b>
<b>**</b>	<b>October 28, 1997</b>	<b>Ordinance No. 1997-60</b>
<b>(I)</b>	<b>January 25, 2007</b>	<b>***Ordinance No. 2007-12</b>

**\*\*\* Based on 2004 EAR, Evaluation and Appraisal Report**

**\*\* This is the EAR-based amendment (1996 EAR). Due to the magnitude of the changes - which included reformatting the entire Element, affecting every page of the Element - a Roman Numeral is not assigned.**

**\* Indicates adopted portions  
Note: the support document will be updated as current information becomes available.**

**(I) = Plan Amendment by Ordinance No. 2007-12 on January 25, 2007**

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## **I. INTRODUCTION**

- (I)** The Solid Waste Sub-Element establishes a policy framework for Collier County's current solid waste management facilities and provides general direction for the further development of the County's solid waste management system in the future. The purpose of the Solid Waste Sub-Element is to assure the provision of cost effective and environmentally safe disposal of solid waste for the present and anticipated future residents of Collier County. The proper collection, processing, and disposal of solid waste is important to the health, safety and welfare of all Collier County residents. Improper disposal of solid and/or hazardous waste can contaminate drinking water or expose residents to environmental and public health risks.
- (I)** In addition to the safe and environmentally sound collection, processing and disposal of residential and commercial solid waste, the Solid Waste Sub-Element also contains provisions related to: monitoring for potential environmental impact pursuant to State and Federal rules and regulations and the associated permit conditions; the collection and disposal of hazardous materials; the County's recycling programs; and, solid waste recovery programs.

## **GOAL, OBJECTIVES AND POLICIES SOLID WASTE SUB-ELEMENT**

**(I) GOAL:**

PROVIDE AN EFFICIENT AND ECONOMICAL BALANCE OF PUBLIC AND PRIVATE SERVICES THAT WILL ENABLE THE PEOPLE OF COLLIER COUNTY TO MEET THE ESTABLISHED REQUIREMENTS FOR SOLID WASTE MANAGEMENT IN A MANNER TO ASSURE PUBLIC HEALTH AND SAFETY AND TO PROTECT THE AIR, WATER AND LAND RESOURCES OF COLLIER COUNTY.

**(I) OBJECTIVE 1: (COLLECTION)**

Collier County shall continue to maintain a safe, dependable and efficient solid waste collection system.

Present facilities meeting the current Level of Service include two (2) franchise collection areas and three Recycling Centers, as follows:

- a. Unincorporated County service area;
- b. Immokalee service area;
- c. Three (3) Recycling Centers;
  - 1. Naples Recycling Center
  - 2. Marco Recycling Center
  - 3. Carnestown Recycling Center

**(I) Policy 1.1:**

The County shall continue to maintain and regulate commercial, multi-family and tax-bill based residential collection costs to ensure efficient and dependable service affordable to all users.

**(I) Policy 1.2:**

The County shall retain its mandatory collection ordinance Number 2005-54, as amended, and the mandatory commercial recycling ordinance Number 2004-50, as amended.

**(I) Policy 1.3:**

The County shall continue to evaluate economic transfer and disposal systems including the use of full-service recycling centers.

**(I) Policy 1.4:**

The County shall ensure public awareness and participation in solid waste collection issues by addressing such issues in duly noticed public meetings.

**(I) OBJECTIVE 2: (DISPOSAL)**

The County shall continue to utilize safe and efficient methods for environmentally sound disposal of solid waste in accordance with local, State and Federal regulations and shall continue to investigate improved methods and implement practices that meet this objective.

**(I) Policy 2.1:**

The County shall continue to monitor groundwater as required by the regulatory permit conditions for the operation of the landfill and in compliance with State and Federal rules and regulations.

**(I) Policy 2.2:**

The County shall continue to maintain leachate and gas management systems at County landfills in order to comply with permit conditions.

**(I) Policy 2.3:**

The County shall continue to pursue State and Federal grants for, and participation in, feasibility projects for the development and investigation of improved techniques for landfill operations and alternative methods for solid waste disposal.

**(I) Policy 2.4:**

By fiscal year 2010, the County shall acquire and/or retain the land inventory required for future solid waste operations, based upon selection of, including but not limited to, one or more of the following options in order of priority:

1. Develop the means to partially or completely divert solid waste from the landfill (additional recycling or alternative forms of disposal).
2. Increase the permissible elevation of the Naples Landfill so as to gain additional airspace capacity.
3. Explore emerging conversion technologies that would allow for continued solid waste disposal operations within Collier County.
4. Secure and utilize additional capacity at a landfill or landfills.

**(I) Policy 2.5:**

The Level of Service for Solid Waste Sub-Element shall be:

- a. Tons of solid waste per capita per year, used to determine landfill disposal capacity, is based on the average of the last three complete fiscal years actual lined cell tonnage activity.
- b. Two (2) years of constructed lined landfill cell capacity at the disposal rate calculated per 2.5.a.
- c. Ten (10) years of permittable landfill capacity at the disposal rate calculated per 2.5.a.

**(I) Policy 2.6:**

The County shall annually define the cost of continued solid waste collections and disposal within the County over the next 5, 10 and 20 year time periods taking into consideration all operating and capital costs.

**(I) Policy 2.7:**

The County shall promote public awareness of, and participation in, solid waste disposal issues by addressing such issues in duly noticed public meetings.

**(I) Policy 2.8:**

The Collier County Solid Waste Department shall continue to operate and maintain a hazardous waste collection facility. The facility shall operate five (5) days per week and

will accept household hazardous wastes. Additionally, the Department shall continue to hold its hazardous waste collection day at least twice per year targeting residential households but also allowing small businesses to participate.

**(I) OBJECTIVE 3: (RECYCLE AND RECOVERY)**

The Collier County Solid Waste Department shall continue to maintain and update the Integrated Solid Waste Management Strategic Plan as directed by the Board of County Commissioners.

**(I) Policy 3.1:**

The Collier County Solid Waste Department shall continue to maintain and improve programs to reduce the amount of solid waste that requires disposal at County landfills by:

- a. Maintaining and enhancing the current countywide residential recycling programs.
- b. Maintaining and enhancing the current county-wide multi-family residential recycling program.
- c. Maintaining and enhancing the county-wide commercial business recycling programs.
- d. Maintaining and enhancing the curb-side separation of material into recyclable categories to be received at the material recovery facilities.
- e. Continuing to explore additional measures for waste reduction.

**(I) Policy 3.2:**

The County shall continue investigation and implementation of cost-saving measures for County disposal operations. The County shall evaluate other measures, including landfill mining, as new technologies and practices emerge. (Currently, a methane gas collection program is in operation.)

**(I) Policy 3.3:**

The County shall promote public awareness of, and participation in, solid waste recycle and recovery issues by addressing such issues in duly noticed public meetings.