I. INTRODUCTION

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.

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

GOAL 1: [Number Removed, page 1]

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 DISPOSAL MANAGEMENT IN A MANNER TO ASSURE THEIR PUBLIC HEALTH AND SAFETY AND TO PROTECT THE AIR, WATER AND LAND RESOURCES OF COLLIER COUNTY.

OBJECTIVE 1.1: (COLLECTION) [Renumbered, revised text, page 1]

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

Present facilities meeting the current Level of Service includes two (2) franchise collection areas and three transfer stations, as follows:

a. Unincorporated County service area;
b. Immokalee service area;
c. Three (3) transfer stations, Recycling Centers:
   1. Naples Transfer Station Recycling Center
   2. Marco Transfer Station Recycling Center
   3. Carnestown Transfer Station Recycling Center
Policy 1.1.1: [Renumbered, revised text, page 1]

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

Policy 1.1.2: [Renumbered, revised text, page 1]

The County shall maintain its mandatory collection ordinance Number 90-30 as amended and the mandatory commercial recycling ordinance as amended.

Policy 1.1.3: [Renumbered, revised text, page 1]

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

Policy 1.1.4: [Renumbered, revised text, page 1]

The County shall ensure public awareness and participation in solid waste collection issues by requiring all issues to be addressed in advertised public meetings addressing such issues in duly noticed public meetings.

OBJECTIVE 1.2: (DISPOSAL) [Renumbered, revised text, page 1]

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.

Policy 1.2.1: [Renumbered, revised text, page 1]

The County shall continue to monitor groundwater wells as required by the regulatory permit conditions for the operation of the landfill and continue to closely evaluate the test data. Develop remedial actions if conditions are not satisfactory and in compliance with State and Federal rules and regulations.

Policy 1.2.2: [Renumbered, revised text, page 2]

The County shall continue to implement and maintain leachate and gas management systems at County landfills as needed in order to comply with permit conditions.
Policy 4.2.3:  [Renumbered, revised text, page 2]

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

Policy 4.2.4:  [Renumbered, revised text, page 2]

Maintain the land inventory required for future landfills to meet the recommended Level of Service standards.

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.

1. Increase the permissible elevation of the Naples Landfill so as to gain additional airspace capacity.

2. Develop the means to partially or completely divert solid waste from the landfill (additional recycling or alternative forms of disposal).

3. Secure and utilize capacity at a landfill or landfills outside of Collier County.

4. Explore emerging conversion technologies that would allow for continued solid waste disposal operations within Collier County, exclusive of any burning technology.

Policy 4.2.5:  [Renumbered, revised text, page 2]

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 five complete fiscal years actual lined cell tonnage activity.

b. Two (2) years of constructed lined landfill cell capacity at the disposal rate calculated per 4.2.5.a.

c. Ten (10) years of permittable landfill capacity at the disposal rate calculated per 4.2.5.a.

Policy 4.2.6:  [Renumbered, revised text, page 2]

The County shall annually define the cost of continued landfilling 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.
Policy 4.2.7: [Renumbered, revised text, page 2]

The County shall assure promote public awareness of, and participation in, solid waste disposal issues by requiring all issues to be addressed in advertised public meetings. Addressing such issues in duly noticed public meetings.

Policy 4.2.8: [Renumbered, revised text, page 2]

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 to some extent.

OBJECTIVE 4.3: (RECYCLE AND RECOVERY) [Renumbered, revised text, page 2]

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

Policy 4.3.1: [Renumbered, revised text, page 2]

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 county-wide single family through fourplex residential curbside recycling programs.

b. Maintaining and enhancing the current county-wide multi-family residential recycling program.

bc. Maintaining and enhancing the current county-wide commercial business recycling programs to encourage and assist commercial business recycling activities county-wide.

cd. Continue maintaining and enhancing the curb-side separation of material into recyclable categories to be received at the material recovery facilities landfill into recyclable categories.

e. Continuing to explore additional measures for waste reduction.

Policy 4.3.2: [Renumbered, revised text, page 3]

Continue investigation of cost saving methods for landfills:
a. Landfill mining to recover and recycle cover material. Landfill mining provides a method of clean-up of unlined landfills and for recycling existing acreage for new landfills.

b. Investigate methane gas recovery and use.

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.)

Policy 4.3.3: [Renumbered, revised text, page 3]

The County shall assure promote public awareness of, and participation in, solid waste disposal recycle and recovery issues by requiring all issues to be addressed in advertised public meetings addressing such issues in duly noticed public meetings.