
INFRASTRUCTURE - MUNICIPAL SOLID WASTE (MSW) GOALS, OBJECTIVES AND POLICIES

PURPOSE

The purpose of the Solid Waste section of the Infrastructure element is to ensure that necessary sanitation facilities and services are in place to provide for the needs of future populations in Charlotte County. This section identifies and describes the operations of landfill sites and waste collection companies within the County and outlines a course for solid waste disposal over the life of the comprehensive plan.

All references to any ordinances, statutes or regulations contained herein shall, unless otherwise noted, be deemed to be those in effect as of the date of adoption of this element and thereafter as amended, renumbered or otherwise revised.

GOALS, OBJECTIVES AND POLICIES

MSW GOAL 1: LEVELS OF SERVICE

Maintain an Integrated Municipal Solid Waste Management System (IMSWMS) and municipal solid waste collection system to serve current and future needs at an acceptable Level of Service (LOS) and ensure that established LOS Standards are met.

MSW Objective 1.1: Level of Service Standards

To maintain the solid waste management and collection systems to meet or exceed established LOS standards.

MSW Policy 1.1.1: Total Solid Waste Collection

The County shall provide for the proper collection and management of no less than 7.2 pounds of solid waste per permanent resident per day.

MSW Policy 1.1.2: Residential Solid Waste Disposal

The County shall provide for the disposal of no less than 5.0 pounds of solid waste per permanent resident per day within the County's landfill.

MSW Policy 1.1.3: Residential Recycling

The County shall provide for the recycling of no less than 2.2 pounds of recyclables per permanent resident per day.

MSW Policy 1.1.4: Concurrency

The County shall require that any new development has the necessary solid waste facilities and services in place and available to serve, or that they are guaranteed

to be in place and available by an enforceable development agreement, before any development order or permit will be issued.

MSW Policy 1.1.5: LOS Analysis

The County shall perform periodic waste generation analysis to ensure that the adopted LOS standards are being met.

MSW GOAL 2: SOLID WASTE MANAGEMENT, COLLECTION & DISPOSAL

Provide safe, effective, and efficient services and facilities for solid waste collection and disposal.

MSW Objective 2.1: Landfill Operations

To optimize the remaining useful life of Zemel Road Landfill (ZRL), providing for existing and projected future management and disposal needs.

MSW Policy 2.1.1: Landfill Maintenance and Operations

The County shall continue to maintain, expand, and operate ZRL to provide for the proper management and disposal of MSW generated within the County, and shall do so in accordance with all applicable Federal and State requirements.

MSW Policy 2.1.2: Available Landfill Volume

The County shall explore and implement operational improvements in order to effectively and efficiently decrease the consumption of available disposal volume at ZRL.

MSW Policy 2.1.3: Landfill Life Report

The County shall conduct an annual assessment of volume consumption and develop a projection of useful remaining life at ZRL, and this assessment shall be presented in an annual Landfill Life Report.

MSW Objective 2.2: Landfill Design

To ensure the environmental integrity of landfills within the County and to minimize the potential for adverse environmental impacts of the facilities by maximizing the useful disposal volume, within the bounds of accepted engineering and landfill design practice and regulatory constraints, and conforming landfill expansion and closure design to all applicable and appropriate Federal and State regulatory requirements.

MSW Policy 2.2.1: Environmental Monitoring

The County shall require environmental monitoring for all landfills in accordance with applicable Federal and State requirements, including conditions contained within applicable Florida Department of Environmental Protection (FDEP) permits.

MSW Policy 2.2.2: Landfill Closure Plan

The County shall require that all landfills implement an approved closure plan in accordance with applicable FDEP permit conditions.

MSW Policy 2.2.3: Post-closure Maintenance and Monitoring

The County shall require that all landfills provide closure maintenance and monitoring after facility closure in accordance with applicable Federal and State requirements.

MSW Objective 2.3: Solid Waste Facility Siting

To site solid waste collection and disposal facilities in a manner that protects the natural and community resources of the County.

MSW Policy 2.3.1: Needs Analysis

The County shall require any proposed solid waste disposal facility to prepare a Needs Analysis that supports the added disposal capacity proposed is required in order to service County residents.

MSW Policy 2.3.2: Siting Requirements

The County shall require any proposed solid waste collection and disposal facilities to be sited in accordance with all applicable land development regulations and other local, regional, State, or Federal regulations.

MSW Objective 2.4: Solid Waste Collection

To maintain a County-wide solid waste collection franchise system designed and operated to assure that solid waste is collected and transported to permitted solid waste management facilities within the County in an efficient, economical, and environmentally sound manner.

MSW Policy 2.4.1: Solid Waste Collection Franchises

The County shall effect collection of solid waste through the services of franchise solid waste collection companies or through the use of other public or private sector resources and shall encourage effective and efficient operations through bulk transport of collected solid waste to ZRL.

MSW Policy 2.4.2: Solid Waste Collection Schedules

The County shall maintain franchised solid waste collection contracts or other appropriate service agreements which provide for routine scheduled collection of residential and commercial wastes, special collections of bulky items, separate curbside and bulk collection of recyclable materials, separate collection of vegetative yard wastes, and such other provisions as may be deemed appropriate by the Board of County Commissioners.

MSW Policy 2.4.3: Use of ZRL by Charlotte County Municipalities

The County shall accept solid waste generated within the corporate limits of any municipality within the County, collected and transported by municipal forces or by private firms under contract with the municipality, provided such collection programs meet the qualitative requirements of the County (i.e., exclusion of prohibited materials, proper separation of waste types, etc.).

MSW Policy 2.4.4: Solid Waste from Other Jurisdictions

The County shall accept solid waste from other political jurisdictions only as part of an interlocal agreement which provides for such acceptance.

MSW Policy 2.4.5: Disposal of Solid Waste at Permitted Facilities

The County shall require all solid waste generated within the political jurisdiction of Charlotte County is to be properly collected and transported to a permitted solid waste management facility in the County.

MSW Objective 2.5: Economic Efficiency

To pursue improved and economically efficient methods for the collection and transportation of solid waste within the County.

MSW Policy 2.5.1: Cost-Effectiveness

The County shall continue to evaluate methods to improve the cost-effectiveness of solid waste collection operations through its franchised collection contractors.

MSW Policy 2.5.2: Transfer Station Needs Analysis

As deemed necessary, the County shall analyze the costs and benefits associated with the development of one or more additional solid waste transfer stations as a component in the preparation of its IMSWMS.

MSW Objective 2.6: Alternative Solid Waste Management and Disposal Options

To improve the efficiency and effectiveness of solid waste operations and to reduce the amount of waste disposed of in the County.

MSW Policy 2.6.1: Evaluation of Alternatives

The County shall continually evaluate alternative methods to improve and expand its currently-used management methodologies for vegetative and wood waste so as to enhance the County's recycling, reuse, and diversion rates.

MSW Policy 2.6.2: Vegetative and Wood Waste

The County shall manage selected waste streams, such as vegetative and wood wastes, with industry-accepted management technologies that benefit the County's overall IMSWMS. The County will consider the contribution of other wood waste processing operations in Charlotte County for meeting its solid waste

management goals and also in evaluating the ongoing benefit of its existing wood waste management program.

MSW Policy 2.6.3: Waste Stream Analysis

The County shall continually assess its waste stream components and shall perform a comprehensive waste stream analysis when changes in the waste stream warrant a study.

MSW Policy 2.6.4: IMSWMS and Community Needs

The County shall review and revise its IMSWMS annually to meet the needs of the community.

MSW GOAL 3: RECYCLING AND WASTE DIVERSION

Maintain a County-wide recycling and waste diversion program which will result in the diversion of at least 75 percent of the solid waste collected within the County by 2020 to recycling programs rather than landfill disposal.

MSW Objective 3.1: Recycling

To actively promote recycling, reuse of materials, and the purchase and use of products that contain recycled materials, through both public and private means.

MSW Policy 3.1.1: Recycling Programs

The County shall provide County-wide curbside, multi-family and commercial recycling programs, and will continually explore means to expand and improve them.

MSW Policy 3.1.2: City of Punta Gorda and Babcock Ranch Community Independent Special District

The County shall support and encourage the City of Punta Gorda and Babcock Ranch Community Independent Special District efforts to improve their recycling, reuse, and diversion programs.

MSW Policy 3.1.3: Recycled and Recyclable Products

The County shall encourage and support the purchase of products which are reusable and products which contain recycled materials. The County shall encourage such practices in its own purchases.

MSW Policy 3.1.4: Recycling Industry

The County shall provide support to and encourage businesses that are involved in the recycling industry, including the use and manufacture of recycled materials, and the collection of specialty wastes for recycling.

MSW GOAL 4: ILLEGAL DUMPING AND IMPROPER DISPOSAL OF SOLID WASTE

Discourage illegal dumping and improper disposal of solid waste.

MSW Objective 4.1: Illegal Dumping

To implement programs encouraging the use of permitted solid waste management facilities for the proper management of solid wastes generated within the County.

MSW Policy 4.1.1: Mini-Transfer and Recycling Facilities

The County shall operate regional Mini-Transfer and Recycling Facilities to service residents based on the needs and merits analysis section of the IMSWMS.

MSW Policy 4.1.2: Customer Convenience Location

The County shall provide a Customer Convenience Center for smaller vehicle commercial customers at the ZRL.

MSW Policy 4.1.3: Illegal Dumping Task Force

The County shall support and participate as a member of Partners for a Clean Charlotte and shall use the Environmental Crimes Detective and Solid Waste Division Illegal Dumping Compliance Officer ~~County's Illegal Dumping Task Force~~ to investigate and address illegal dumping and littering issues within the County.

MSW GOAL 5: HAZARDOUS WASTE MANAGEMENT

Identify and prevent the improper management and disposal of hazardous and special waste within the County and provide for and encourage the proper management of special wastes, household (HHW), and conditionally exempt small quantity generator (CESQG) hazardous wastes.

MSW Objective 5.1: Household Hazardous Waste

To provide County residents with the means to properly dispose of HHW materials.

MSW Policy 5.1.1: Disposal of HHW

The County shall provide for HHW material to be collected and processed for final disposition at any Mini-Transfer and Recycling Facility.

MSW Objective 5.2: Conditionally Exempt Small Quantity Generator Hazardous Waste

To maintain a program to identify and educate CESQG on minimization and proper handling and management of CESQG hazardous wastes.

MSW Policy 5.2.1: Assessment and Inspection of CESQGs

The County shall operate an assessment and inspection program, as required by State regulatory agencies, regarding the status of its CESQG hazardous waste generators to assure proper handling, storage, and waste minimization and disposal practices.

MSW GOAL 6: OUTREACH

Provide outreach to the citizens, businesses, and organizations of the County emphasizing the importance of the solid waste collection and recycling program.

MSW Objective 6.1: Public Education

To educate the general public regarding the function and purpose of the solid waste collection and recycling program, the identification and proper disposal of HHW, and the issues and consequences of illegal dumping.

MSW Policy 6.1.1: Municipal Solid Waste

The County shall conduct programs to educate the public on various aspects of solid waste management and the benefits of recycling through the use of brochures, digital media, outreach programs, newspaper articles, television ads and programs, and radio announcements.

MSW Policy 6.1.2: Recycling

The County shall encourage residents to participate in the County's recycling programs through a public education program.

MSW Policy 6.1.3: Household Hazardous Waste

The County shall develop and distribute educational materials on the identification, proper handling, and management of HHW.

MSW Policy 6.1.4: Keep Charlotte Beautiful

The County shall support and participate as a member of the Keep Charlotte Beautiful, Inc. Chapter of Keep America Beautiful Inc.

MSW Policy 6.1.5: Grant Applications

The County shall continue to apply for and utilize State grant funds to advance its recycling and education programs, as they become available, and will encourage the State to provide funding of the recycling and education grant programs.