

1.0 INTRODUCTION

This Final Comprehensive Solid Waste Management Plan, September 2006, (SWMP) establishes the structure of New York City's (City's) solid waste management for the next 20 years, 2006 through 2025. In doing so, it builds on the ongoing programs to prevent, reuse, recycle and compost waste, among other programs, that have their foundation in the 1992 SWMP, as amended¹ pursuant to the requirements of the New York State Solid Waste Management Act.²

As a comprehensive planning document, this SWMP addresses the three distinct but interconnected areas that make up the City's solid waste management system: Waste Prevention and Recycling, Long Term Export and Commercial Waste. Each of these areas is addressed separately in Sections 2.0, 3.0 and 4.0 of this document respectively, and a glossary provides the definition of the terms used throughout.

Within those sections, this SWMP describes Proposed Actions to:

- Improve the City Department of Sanitation's (DSNY's) Curbside Recycling Program through the award of a 20-year processing contract and the development of a new in-City Recyclables processing facility, as well as a Manhattan Recyclables acceptance facility.
- Implement the City's Long Term Export Program through: (i) the development of four Converted Marine Transfer Stations (MTSs); (ii) the award up to five contracts with private transfer stations for barge or rail export of DSNY-managed Waste for disposal; and (iii) an intergovernmental agreement to dispose of a portion of Manhattan's DSNY-managed Waste at a Port Authority waste-to-energy facility in New Jersey.
- Provide the capacity for barge export of Putrescible Commercial Waste from the City at one existing Manhattan MTS as well as the four Converted MTSs.

¹ The state approved the City's first SWMP in 1992. A 1996 SWMP Update and Modification focused on the expansion of recycling. A 2000 SWMP Modification defined the phased closure of Fresh Kills Landfill. In 2002, the 1992 SWMP was extended through October 2004. The 1992 SWMP, as amended, is hereby incorporated by reference to support ongoing SWMP programs.

² New York State Environmental Conservation Law (Section 27-0707) and implementing regulations (6 NYCRR Subpart 360-15).

Because these Proposed Actions are subject to environmental review, a Final Environmental Impact Statement (SWMP FEIS) published in April 2005 supports this document. The SWMP FEIS evaluated the Proposed Actions as well as a reasonable range of Alternatives. The DSNY is the lead agency for this FEIS, which is available for public review and comment.³

In addition to the Proposed Actions, the Waste Prevention and Recycling and Commercial Waste sections also outline important New Initiatives that are enhancements to Existing Programs. Those New Initiatives include significant improvements to DSNY's Recycling Program and the strengthening of its ongoing regulation and enforcement activities in the Commercial Waste sector. As enhancements to Existing Programs, these New Initiatives continue an array of ongoing solid waste management programs authorized under the 1992 SWMP, as amended. In the case of the proposed New Initiatives for Commercial Waste regulations, these have independent utility and are being implemented separately.

The SWMP also characterizes the City's existing solid waste management system which:

- Recycles or disposes of approximately 15,500 tons per day (tpd) or 4,000,000 tons per year (tpy) of DSNY-managed Waste generated in the City by its curbside and containerized collection and recycling activities in FY 2006;
- Recycles or disposes of approximately 10,000 tpd (3,000,000 tpy) of Putrescible Commercial Waste that was generated, and approximately 6 million to 8.3 million tpy of Non-Putrescible Commercial Waste that was generated, recycled and disposed of in calendar 2003⁴; and
- Provides for the management of Biosolids, Medical Waste and Dredge Spoils and Fresh Kills construction and end use.

Section 5.0 describes significant planning initiatives that DSNY is engaged in, including pilot programs and studies.

³ The FEIS was mailed to Involved Parties, and is available for public review on DSNY's website nyc.gov/sanitation and at Public Repositories in Attachment XII. It can be obtained from DSNY Bureau of Long Term Export by calling (917) 237-5520. The FEIS was prepared in accordance with the requirements of the State Environmental Quality Review Act (SEQRA) regulations (6 NYCRR Part 617) and the City Environmental Quality Review (CEQR) procedures in Executive Order 91 of 1977, as amended, and Section 6, Title 62 of the Rules of the City of New York (RCNY).

⁴ As reported in the Commercial Waste Management Study, March 2004.

In addition to those main sections, there are a number of attachments to this document:

- Attachment I, “Planning Unit,” provides current and relevant socioeconomic, demographic and institutional data for the City.
- Attachment II, “DSNY-managed Waste Quantities and Projections for the Plan Period,” provides a narrative and tabular summary of historical waste generation for the fiscal years 2002 through 2006, projects future waste growth through the fiscal year 2026, outlines the planning period of the SWMP and projects the diversion rate for DSNY-managed Waste recycled.
- Attachment III, “Waste Characterization Activities,” reports on the various composition studies, dating back to 1990 and continuing forward into the future, that inform DSNY’s ongoing planning.
- Attachment IV, “Commercial Waste Quantities and Projections for the Plan Period,” provides a narrative and tabular summary of historical waste generation for the years fiscal years 2002 through 2006 and projections of future waste generation for fiscal years 2007, 2010, 2015, 2020 and 2026.
- Attachment V describes the management of Biosolids, Medical Waste and Dredge Spoils, materials managed separately from municipal solid waste (MSW).
- Attachment VI summarizes the status of existing Recycling Programs, including a summary of public education activities, water prevention coordinator initiatives and special waste management programs.
- Attachment VII discusses the rationale for amending Local Law 19 of 1989 (LL19).
- Attachment VIII reports on DSNY’s refuse and recyclables collection operations and Interim Export contracting, provides the certification of disposal capacity required under Part 360-15.11 and provides updates on certain other DSNY programs.
- Attachment IX summarizes the status of Existing Commercial Waste Programs, identifies the City’s currently permitted Putrescible, Non-Putrescible and Fill Material Transfer Stations and describes DSNY’s regulatory role in the Commercial Waste sector, in addition to reporting on the Commercial Waste Management Study (CWM Study), completed in March 2003.
- Attachment X describes the status of Fresh Kills Closure Construction and End Use program as of FY 2006.

- Attachment XI presents an economic analysis of the SWMP as required in NYSDEC's regulations governing comprehensive solid waste planning (6 NYCRR 360-15.9).
- Attachment XII is a list of Public Repositories where the FEIS and the permit applications for the Converted MTSs are available for public review.