

13. SOLID WASTE AND SANITATION SERVICES

13.1. INTRODUCTION

This chapter examines the Proposed Action's effects on solid waste and sanitation services. According to the *City Environmental Quality Review (CEQR) Technical Manual*, a solid waste and sanitation services assessment is intended to determine whether a project has the potential to cause a substantial increase in solid waste production that may overburden available waste management capacity or otherwise be inconsistent with the city's Solid Waste Management Plan or with state policy related to the city's integrated solid waste management system. Most projects would not have the potential to generate sufficient waste to warrant a detailed solid waste analysis.

13.2. PRINCIPAL CONCLUSIONS

The Proposed Action would not result in any significant adverse impacts to solid waste and sanitation services. In accordance with the methodology outlined in the *CEQR Technical Manual*, a screening analysis was conducted to assess the potential of the Proposed Action to affect demand for solid waste and sanitation services.

The Proposed Action is a "generic action," and there are no known potential or projected development sites and, due to its broad applicability, it is difficult to predict the sites where development would be facilitated by the Proposed Action. To produce a reasonable analysis of likely effect of the Proposed Action, four representative development prototypes have been identified. The Proposed Action is not anticipated to induce development, but there was a difference in the development of the No-Action compared to the With-Action Condition. None of the four prototypes analyzed would result in a net increase of more than 50 tons of solid waste per week. As such, the Proposed Action would not result in any significant adverse impacts to solid waste and sanitation services and a detailed analysis is not warranted.

13.3. SCREENING ANALYSIS

According to the *CEQR Technical Manual*, projects with a generation rate of less than 50 tons (100,000 pounds) of solid waste per week would not result in a significant adverse impact to the City's waste management capacity, and do not warrant detailed analysis. However, per CEQR guidelines, it is recommended that the solid waste and service demand generated by a project be disclosed.

The Proposed Action would create a Special Permit for self-storage facilities with Designated Areas. The Proposed Action is not in-and-of-itself expected to induce development where it would not have occurred absent the Proposed Action. However, the Proposed Action is anticipated to change the geographic distribution of self-storage facilities.

The Proposed Action is a "generic action," and there are no known potential or projected development

sites and, due to its broad applicability, it is difficult to predict the sites where development would be facilitated by the Proposed Action. To produce a reasonable analysis of likely effect of the Proposed Action, four representative development prototypes have been identified, as described in Chapter 2, “Analytical Framework.” As solid waste/sanitation services is a density-based technical analysis, these representative development prototypes form the basis for the assessment of solid waste and sanitation services.

In instances where the projected building use differs from those uses listed in Table 14-1 (Solid Waste Generation Rates) of the *CEQR Technical Manual*, consultation is advised with the NYC Department of Sanitation (DSNY) in order to determine an appropriate waste generation rate for analysis purposes. Per coordination with DSNY, the waste generation rate for a self-storage building would be 29 pounds per employee per week.

Prototype	Projected Number of Employees in No-Action Scenario	Solid Waste Generation Rate (in pounds per week)**
Prototype 1	11	319
Prototype 2	18	522
Prototype 3	11	319
Prototype 4	18	522

Prototype	Projected Number of Employees in With-Action Scenario	Solid Waste Generation Rate (in pounds per week)
Prototype 1	5	145
Prototype 2	5	145
Prototype 3	5	145
Prototype 4	5	145

Prototype	Incremental Number of Employees between No-Action and With-Action Scenarios	Solid Waste Generation Rate (in pounds per week)
Prototype 1	6	174
Prototype 2	13	377
Prototype 3	6	174
Prototype 4	13	377

** Generation rate determined through coordination with NYC Department of Sanitation

Based on this generation amount, none of the four prototypes analyzed would result in a net increase of more than 50 tons of solid waste per week. In the With-Action scenario, less waste would be produced than in the No-Action Scenario. As such, the Proposed Action would not result in any significant adverse impacts to solid waste and sanitation services; and a detailed analysis is not warranted.