

ATTACHMENT A-1

Table 4. Street Sweeping Guidance Manual Concept Outline

CHAPTER 1. MANUAL INTRODUCTION

Purpose: Describe the manual’s intended use and audience, relevant permit requirements, background on why the manual was developed, and an overview of the manual organization and content.

CHAPTER 2. STREET SWEEPING WATER QUALITY BENEFITS

Purpose: Summarize the impacts that street waste can have on water quality and the benefits street sweeping can provide to reduce those impacts.

CHAPTER 3. IDENTIFYING HIGH PRIORITY AREAS

Purpose: Provide guidance to assist Permittees in identifying their specific high priority areas for their street sweeping program using information from Chapter 2 and available jurisdictional information.

CHAPTER 4. ESTABLISHING AND IMPROVING STREET SWEEPING PROGRAMS

Purpose: Introduce street sweeping program elements; guidance for defining program goals, starting new programs, and right sizing street sweeping programs; selecting equipment; and developing/selecting a defensible way to assess and measure program benefits. Guidance for how to establish and organize multi-department collaborations that support street sweeping programs.

CHAPTER 5. OPTIMIZING STREET SWEEPING PRACTICES

Purpose: Provide guidance for designing sweeping routes, improving efficiency/efficacy of existing programs including instructions for collecting data, and variables that may influence efficiency/efficacy. This chapter will also include guidance for developing performance measures for street sweeping activities.

CHAPTER 6. DOCUMENTING AND TRACKING STREET SWEEPING ACTIVITIES

Purpose: Provide guidance for documenting and tracking sweeping activities to assist Permittees with MS4 Permit compliance and tracking program costs.

CHAPTER 7. DISPOSING OF STREET SWEEPING WASTE

Purpose: Provide guidance for estimating the quantity of waste generated from street sweeping based on specific jurisdictional conditions (i.e., road-miles, sweeping frequency, land use, traffic volumes, climate, tree-cover, etc.). The guidance will be used to develop a spreadsheet that Permittees can use to input jurisdictional conditions to estimate the amount of waste generated and another that estimates the number and size of decant facilities needed. Considerations will be provided for waste water treatment and disposal locations and planning for designing/constructing/operating a decant facility.

CHAPTER 8. COST CONSIDERATIONS FOR ESTABLISHING AND MAINTAINING PROGRAMS

Purpose: Provide guidance for estimating street sweeping program costs using information collected by the jurisdiction or information collected from literature/surveys (for jurisdictions without data). This will include developing a spreadsheet for conducting a lifecycle cost estimate and projecting costs based on growth. Information about potential funding sources will also be provided.

CHAPTER 9. OTHER CONSIDERATIONS

Purpose: Discuss topics that do not fit in other chapters, but Permittees may need to know when implementing a street sweeping program (e.g., emerging contaminants, when/why to test waste, etc.)

