

5.1 INTRODUCTION

5.1.1 Program Goal and Objectives

This program component is applicable to all Permittees who own and operate a storm drain system. The storm drain system functions primarily to collect and convey surface runoff to receiving waters during storms in order to prevent flooding. It is a common activity to maintain the storm drain system so that it functions hydraulically as intended during storms. The goal of this program is to reduce the impact of storm drain operation and maintenance activities on storm water quality.

Each Permittee’s program must meet the requirements of the Los Angeles County municipal storm water permit (Permit), as summarized in Table 5-1.

Table 5-1		
Permit Requirements – Storm Drain Operation and Management		
Report Section	Requirement (Summary)	Permit Section
5.2.1	Designate catch basin inlets within Permittee’s jurisdiction as Priority A, B, and C.	IV.F.5.a
5.2.1	Implement BMPs for inlet maintenance to the maximum extent practicable, including but not limited to: inspection and cleaning of catch basins between May 1 and September 30 of each year; additional cleaning of any catch basin that is at least 40% full of trash and/or debris; record keeping of catch basins cleaned; and recording of the overall quantity of catch basin waste collected.	IV.F.5.b (For Permittees subject to a trash TMDL only)
5.2.1	Clean Priority A catch basins a minimum of three times during the wet season and once during the dry season annually. Clean priority B catch once during the wet season and once during the dry season annually. Clean Priority C catch basins a minimum of once per year. Ensure that any catch basin that is at least 40% full of trash and/or debris is cleaned out. After July 1, 2003, ensure that any catch basin that is at least 25% full of trash and/or debris is cleaned out.	IV.F.5.c.1 (For Permittees not subject to a trash TMDL)
5.2.1	Arrange, for a special event that can be reasonably expected to generate substantial quantities of trash and litter, either temporary screens to be placed on catch basins or for catch basins in that area to be cleaned out subsequent to the event and prior to any rain event.	IV.F.5.c.2 (For Permittees not subject to a trash TMDL)
5.2.1	Place trash receptacles at all transit stops that have shelters no later than August 1, 2002, and at all other transit stops no later than February 3, 2003. All trash receptacles shall be maintained as necessary.	IV.F.5.c.3 (For Permittees not subject to a trash TMDL)

5.2.1	Inspect the legibility of the catch basin stencil or label nearest the inlet. Catch basins with illegible stencils shall be recorded and re-stenciled or re-labeled within 180 days of inspection.	IV.F.5.d
5.2.2 – 5.2.3	Implement BMPs for storm drain maintenance to the maximum extent practicable, including but not limited to: proper disposal of material removed; removal of trash and debris from open channel storm drains at least annually; procedures to identify problem areas of illicit discharges for regular inspection; procedures to minimize to the maximum extent practicable the discharge of contaminants during municipal storm drain system maintenance and clean outs; and a review of current maintenance activities to assure that appropriate storm water BMPs are being utilized.	IV.F.5.e

The objectives of this program component are to:

- Inspect and clean catch basins regularly and keep appropriate records.
- Remove trash and debris annually from open channels and properly dispose of these materials to prevent them from being washed to receiving waters.
- Report prohibited non-storm water discharges observed during the course of normal daily activities so they can be investigated, contained and cleaned up or eliminated.
- Review maintenance activities to verify that they minimize the amount of pollutants discharged to receiving waters.

5.1.2 Facilities Covered by the Permit

Facilities covered under this program include storm drain systems owned and operated by the Permittee.

5.2 PROGRAM IMPLEMENTATION ELEMENTS

5.2.1 Catch Basins and Trash Receptacles

Each Permittee shall designate catch basin inlets within its jurisdiction as one of the following:

Priority A: Catch basins that are designated as consistently generating the highest volumes of trash and/or debris.

Priority B: Catch basins that are designated as consistently generating moderate volumes of trash and/or debris.

Priority C: Catch basins that are designated as generating low volumes of trash and/or debris.

Each Permittee shall inspect the legibility of the catch basin stencil or label nearest the inlet. Catch basins with illegible stencils shall be recorded and re-stenciled or re-labeled within 180 days of inspection.

5.2.1.1 Permittees subject to a trash TMDL (Los Angeles River and Ballona Creek WMAs)

Permittees subject to a trash TMDL (Los Angeles River and Ballona Creek WMAs) shall continue to implement the requirements listed below until trash TMDL implementation measures are adopted. Thereafter, the subject Permittees shall implement programs in conformance with the TMDL implementation schedule, which shall include an effective combination of measures such as street sweeping, catch basin cleaning, installation of treatment devices and trash receptacles, or other BMPs. Default requirements include:

- Inspection and cleaning of catch basins between May 1 and September 30 of each year;
- Additional cleaning of any catch basin that is at least 40% full of trash and/or debris;
- Record keeping of catch basins cleaned; and
- Recording of the overall quantity of catch basin waste collected.

If the implementation phase for the Los Angeles River and Ballona Creek Trash TMDLs has not begun by October 2003, subject Permittees shall implement the requirements described below in subsection 5.2.1.2, until such time programs in conformance with the subject Trash TMDLs are being implemented.

5.2.1.2 Permittees not subject to a trash TMDL

Permittees not subject to a trash TMDL shall clean catch basins according to the following schedule:

Priority A: A minimum of three times during the wet season and once during the dry season every year.

Priority B: A minimum of once during the wet season and once during the dry season every year.

Priority C: A minimum of once per year.

In addition to the schedule above, between February 1, 2002 and July 1, 2003, Permittees shall ensure that any catch basin that is at least 40% full of trash and/or debris shall be cleaned out. After July 1, 2003, Permittees shall ensure that any catch basin that is at least 25% full of trash and debris shall be cleaned out.

For any special event that can be reasonably expected to generate substantial quantities of trash and litter, include provisions that require for the proper management of trash and litter generated, as a condition of the special use permit issued for that event. At a minimum, the municipality who issues the permit for the special event shall arrange for either temporary screens to be placed on catch basins or for catch basins in that area to be cleaned out subsequent to the event and prior to any rain event.

Place trash receptacles at all transit stops within its jurisdiction that have shelters no later than August 1, 2002, and at all other transit stops within its jurisdiction no later than February 3, 2003. All trash receptacles shall be maintained as necessary.

Guidance on conducting maintenance activities is provided in Appendix H, Section H.1. Examples of forms that may be used to collect information and additional guidance are provided in Appendix H, Section H.2.

5.2.2 Storm Drains

The following BMPs will be implemented to remove trash and debris from improved open channels and properly dispose of material removed during storm drain maintenance activities:

- A program to visually monitor Permittee-owned open channels and other drainage structures for debris at least annually and identify and prioritize problem areas of illicit discharge for regular inspection;
- A review of current maintenance activities to assure that appropriate storm water BMPs are being utilized to protect water quality;
- Removal of trash and debris from open channel storm drains shall occur a minimum of once per year before the storm season;

- Minimize the discharge of contaminants during MS4 maintenance and clean outs; and
- Proper disposal of material removed.

Guidance on conducting maintenance activities is provided in Appendix H, Section H.1.

5.2.3 Waste Management

5.2.3.1 Illicit Discharge Identification

Illicit discharges may be encountered in any part of the storm drain system. Implement procedures, where applicable, to identify problem areas of illicit discharge. Guidance on identifying, reporting and responding to illicit discharges are discussed in the model Illicit Connection/Illicit Discharge Elimination Program.

5.2.3.2 Minimization of Contaminant Discharge

The following procedure will be implemented to the maximum extent practicable, where applicable, to minimize the amount of contaminants discharged when conducting storm drain maintenance activities:

- Properly handle materials and dispose of waste removed during maintenance activities in a manner that will not release the material to the storm drain system, or in any other way contaminate storm water runoff.

Guidance is provided in Appendix H, Section H.3.

5.2.3.3 Maintenance Activity Review

The following procedures will be implemented, where applicable, to verify that appropriate storm water best management practices are incorporated into maintenance activities:

- Review current maintenance activities.
- Evaluate if they directly or indirectly contribute pollutants to receiving waters.
- Revise procedures as necessary to reduce the contribution of pollutants to receiving waters.
- Educate employees on revised procedures during regular safety and tailgate meetings.