

1. MUNICIPAL OPERATIONS

INTRODUCTION

This section describes the Program's planned tasks during FY 09-10 to assist Co-permittees in reducing or eliminating adverse water quality impacts of operations and maintenance activities conducted by municipal staff. The planned tasks include Program efforts that are likely to be needed to assist the Co-permittees with compliance with the C.2 Provisions of the Municipal Regional Permit.

BACKGROUND

The goals of the Municipal Operations element are to maximize the removal of pollutants while sweeping streets, cleaning storm drain inlets/basins, and conducting other routine municipal maintenance activities; and to minimize non-stormwater discharges to storm drains and watercourses from maintenance-related activities.

Since 1996, the Program has developed and implemented the following performance standards which address reducing or eliminating water quality impacts of operations and maintenance activities conducted by municipal staff. They include:

Public Streets, Roads and Highways (PSRH) Operation and Maintenance (November 1996) – Defines the level of implementation that municipal agencies must attain to demonstrate that their local PSRH operation and maintenance activities reduce pollutants in stormwater to the maximum extent practicable;

Storm Drain System Operation and Maintenance (December 1996, updated March 1999) – Identifies maintenance activity implementation levels to optimize control of pollutants in stormwater during the performance of storm drain system operation and maintenance;

Water Utility Operation and Maintenance (January 1997) – Defines the level of implementation necessary to demonstrate the control of pollutants discharged from the operation and maintenance of municipal water supply utilities. See Section 9 for a description of FY 09-10 tasks relating to the Water Utility Operation and Maintenance Performance Standard.

Pest Management (February 2002) – Provides control measures which minimize pesticide use, particularly organophosphate pesticides, and reduce the amount of pesticides in stormwater and landscape runoff. See Section 8 for a description of pesticide toxicity control programs planned for FY 09-10.

Rural Public Works Maintenance and Support Activities (December 2002) – Defines the level of implementation necessary to ensure that required control measures are implemented while performing maintenance activities adjacent to streams.

The Municipal Regional Permit (MRP) will contain requirements for all six Phase 1 municipal stormwater (MS4s) programs in the San Francisco Bay Area. The draft MRP was released on December 4, 2007. It is anticipated that the revised draft MRP Tentative Order will be released in February 2009. Provision C.2. in the revised Tentative Order will most likely contain requirements for operation and maintenance activities conducted by municipal staff, including requirements for:

- Street and road repair and maintenance;
- Sidewalk/plaza maintenance and pavement washing;
- Bridge and structure maintenance and graffiti removal;
- Operating and maintaining stormwater pump stations;
- Rural public works construction and maintenance; and
- Corporation yard BMP implementation.

PAST AND CURRENT ACTIVITIES RELATED TO MUNICIPAL OPERATIONS

Co-permittees continue to implement the performance standards described above while performing municipal operation and maintenance activities. Best management practices and control measures are incorporated into standard operating procedures for municipal operations. Training plays a major role in ensuring that Co-permittee staff uses proper techniques during the course of their duties.

FY 09-10 IMPLEMENTATION TASKS

Table 1-1 presents the list of tasks that will be implemented in FY 09-10, their associated due dates, and the deliverables that will be completed for each task. These tasks include:

- Continue developing Co-permittee street sweeping summary tables. Include types of sweepers used, swept curb miles, volume or weight of materials collected and estimated pollutant load reductions for copper, nickel, lead and zinc.
- Develop guidance on pump station operation, maintenance and inspection for pollution prevention.
- Develop Co-permittee summary tables which report Co-permittee inspection results and maintenance activities at pump stations. Include volume or mass of waste materials removed from pump stations.
- Review current BMPs for Rural Roads, particularly road and culvert construction and maintenance, and make revisions, if necessary.
- Develop guidance on corporation yard BMPs and stormwater pollution prevention plans.
- Develop Co-permittee summary tables which report inspection results at all corporation yards.

**Table 1-1
Schedule and Deliverables for FY 09-10 Municipal Operations Tasks**

Tasks	Schedule	Deliverables
Street and Road Sweeping and Cleaning		
Ongoing tasks <ul style="list-style-type: none"> Continue developing Co-permittee street sweeping summary tables. Include types of sweepers used, swept curb miles, volume or weight of materials collected and estimated pollutant load reductions for copper, nickel, lead and zinc. Submit in the FY 08-09 Annual Report. 	Ongoing- FY 08-09 Annual Report and future ARs	<ul style="list-style-type: none"> Guidance on data collection and submittal for inclusion in Annual Report.
Storm Water Pump Stations		
<ul style="list-style-type: none"> Develop guidance on pump station operation, maintenance and inspection for pollution prevention. 	12/09	<ul style="list-style-type: none"> Technical memorandum
<ul style="list-style-type: none"> Develop Co-permittee summary tables which report Co-permittee inspection results and maintenance activities at pump stations. Include volume or mass of waste materials removed from pump stations. Submit in the FY 09-10 Annual Report 	9/10	<ul style="list-style-type: none"> Guidance on data collection and submittal for inclusion in Annual Report
Rural Public Works Construction and Maintenance		
<ul style="list-style-type: none"> Review current BMPs for Rural Roads, particularly road and culvert construction and maintenance, and make revisions, if necessary. 	6/10	<ul style="list-style-type: none"> Updated Performance Standards
Corporation Yard BMP Implementation		
<ul style="list-style-type: none"> Develop guidance on corporation yard BMPs and stormwater pollution prevention plans. 	3/10	<ul style="list-style-type: none"> Guidance materials
<ul style="list-style-type: none"> Develop Co-permittee summary tables which report inspection results at all corporation yards. Submit in the FY 09-10 Annual Report. 	9/10	<ul style="list-style-type: none"> Guidance on data collection and submittal for inclusion in Annual Report