

I. Monitoring

Briefly describe any storm water monitoring activities that are not required by Order No. 01-182 that your municipality conducted, participated in, or received funding to conduct in the past fiscal year. These activities should correspond with the dollar amount you listed in Table 2.

The City participates in storm water monitoring for the Santa Monica Bay Beaches Bacteria TMDL as required for Jurisdictional Groups 5 & 6. The City implemented a Pilot Program for Catch Basin screens and retractable curb grates. Trash was monitored at 35 locations. The City started storm water and dry weather monitoring for the Machado Lake Nutrient TMDL on January 21, 2012, following approval of the Monitoring Plan by the Regional Board. (The cost of the Machado Lake monitoring is about \$100,000 a year)

Note: Herondo Drain: During the FY2001-12 reporting year there were 30 exceedance days of the single sample REC-1 bacterial objectives at SMB 6-1 out of 260 sampling days on a year-round wet and dry weather basis for this site which is monitored five days per week, 52 weeks per year. This is an effective exceedance rate of 15%. By contrast the reference beach had 8 exceedance days out of 52 sampling days for combined year-round wet and dry weather sampling which is 15% exceedance rate. Thus overall the shoreline monitoring site at SMB 6-1 exhibited an exceedance rate that was equivalent to that of the reference beach site; however the tremendous quantity of data collected at SMB 6-1 gives the impression that SMB 6-1 has a higher exceedance rate.

II. Assessment of Program Effectiveness

A. Attach a summary of the effectiveness of your storm water management program. This summary should include, at a minimum, the following:

1. An assessment of your agency's compliance with permit requirements, based on your responses to the questions in this form;

Overall the City has exceeded the minimum requirements of the NPDES Permit, the City is a full service city and has provided the recommended BMP's before they were regulated requirements. Ultimately, the City of Torrance is in full compliance.

2. Descriptions of any evaluation methods that your agency uses to determine the effectiveness of your storm water management program;

- Response from the public during public outreach and education program.
- Monitoring procedures of various departments that are responsible for compliance.
- Attendance at outreach events and storm water training workshops.

3. A summary of the strengths and weaknesses of your agency's storm water management program;

Strengths

1. As a full service city, crews are in all areas of the City that can identify potential discharges.
2. Internal Urban Stormwater Committee (USC) meets monthly.
3. Immediate spill response by Fire Prevention Specialists and Environmental Safety Officers.

4. Ability to use GIS system to track, identify and map potential problems areas within areas of the City

Areas of needed improvement

1. Tracking the required data for the annual report.
2. We are recording the number and type of spills has improved, but we need to work on improving reporting systems and tracking mechanisms for all departments in order to maintain accurate records and data year round.
3. There is no dedicated funding source to address new requirements, additional outreach, and TMDL's

4. **A list of specific program highlights and accomplishments;**

The City has completed the final draft of a Stormwater Quality Master Plan that identifies local BMPs that could be built to address existing and pending TMDL's.

The City has taken the lead on applying for a Prop 84 Grant for a regional project with six other participating cities to obtain funding to complete trash screen installations for Machado Lake Watershed. The City was selected to submit a full application.

The City Torrance participates in the Clean Bay Restaurant Certification Program that acknowledges that meet 100% of BMP targets.

The City utilizes three retention basins as BMP's for a total watershed of 939 acres. Retention basins have no outlets to receiving water bodies.

The City completed design on the Madrona Marsh Restoration and Enhancement project that will address TMDL's for Machado Lake.

Torrance has updated and distributed literature related specifically to storm water. On display at public counters and at the One Stop Permit Center: BMP tri-folds; (practices for the food service industry, landscaping, painting, automotive, and general construction); these contain contact information for specific areas within the City listed as a source for further information..

The City distributes information regarding Household Hazardous Waste Roundups, promoting collecting and recycling of used motor oil, swimming pool maintenance, composting, the City's curbside recycling program and water conservation.

The City has developed a pollution prevention program (including stormdrain water education) for presentations at schools: Public Works

The City is currently designing BMPs using a \$3.3 million grant from Santa Monica Bay restoration Commission for stormwater basins enhancements that will help address Santa Monica Bay Bacteria and Debris TMDLs.

The City hosts several events where an NPDES "Information Station" is set up to provide information and outreach to the community about storm water pollution prevention.

Created a new BMP tri-fold for Pool & Spa Maintenance

Outreach materials and information are available in several languages.

5. A description of water quality improvements or degradation in your watershed over the past fiscal year;
Increase in volumes of debris from street sweeping and catch basin cleaning indicates water quality improvement. Increased outreach for "Picking up After Your Pet" has brought a better awareness to pet owners.
 6. Interagency coordination between cities to improve the storm water management program;
Interagency coordination with SMBBB TMDL Jurisdictional Groups 5 & 6 have been good. The interagency coordination with the Machado Lake Jurisdictional Group to address trash and nutrient TMDL's have been good. The City was the lead agency on submitting a Prop 84 grant application for a regional project with six other cities to complete installations of trash screens for Machado Lake Watershed. The City effectively and actively participates with Los Angeles County and the other cities within Los Angeles County. The City hosts the Dominguez Channel WMC meetings and attends EAC meetings.
 7. Future plans to improve your agency's storm water management program; and
 - Continue refining response and record keeping procedures.
 - Continued education for area specific NPDES training (Parks, PW, Fire, etc.)
 - Construction of Stormwater Basin Enhancement Project.
 - Lead agency on developing a Coordinated Integrated Monitoring Program for Dominguez Channel and Machado Lake Watersheds.
 8. Suggestions to improve the effectiveness of your program or the County model programs.
 - The County should have Public Relations program targeting cigarette butts, plastic bags, and animal waste.
 - The County should take the lead on Regional Water Quality Studies.
- B. On a scale of 1 to 10 (10 being full implementation of requirements by their deadlines), rate your municipality's level of compliance with Order No. 01-182. The City has implemented all required programs and meets or exceeds the Guidelines set forth in these regulations. **10**
- C. List any suggestions your agency has for improving program reporting and assessment.
A substantial amount of resources and hours are required to produce this report and Questionnaire; reporting should be streamlined and significant information that would lead to water quality improvement should be reported only.