ATTACHMENT L

ASSESSMENT OF PROGRAM EFFECTIVENESS

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Assessment of Program Effectiveness

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

   The LACFCD believes it is in compliance with the requirements of Order 01-182 and Order R4-2012-0175 as amended by State Water Board Order 2015-0075.

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

   The LACFCD participates in CASQA's Program Effectiveness Assessment Subcommittee, which released an updated Program Effectiveness Assessment Manual dated February 2015. The LACFCD is evaluating the feasibility of using practices from this latest guidance document to assess the effectiveness of the stormwater management program.

   Specific evaluation methods are discussed in other parts of this report. For example, the effectiveness of the Public Information and Participation program was evaluated using quantitative and qualitative methods such as tracking hotline call levels, hits on the www.CleanLA.com website, collection levels of household hazardous waste and electronic waste, amount of used motor oil collected, trash measurement data, and survey information gathered from program participants. (See Form U-4, Part IV.A). In some instances, effectiveness is evaluated by water quality monitoring, as for the Dominguez Wetlands project (See Form U-4, Part V).

3. Summary of the strengths and weaknesses of your agency's storm water management program

   Meeting Permit requirements is the primary strength of the LACFCD's stormwater management program. A committed staff willing to learn and "do the right thing" is a key component to success. The LACFCD is actively engaged in implementing WMP programs and developing EWMP programs under the 2012 MS4 Permit and is committed to continuing to work collaboratively with the Regional Board and other permittees to meet the region's water quality goals.

4. A list of specific program highlights and accomplishments;

   - **LACFCD Low Flow Diversion Update Projects – The LACFCD operates and maintains 21 low flow diversions (LFDs) in the Santa Monica Bay and Marina del Rey watersheds, which divert dry weather urban runoff into the sanitary sewer system or other treatment. A LACFCD LFD Task Force continues to optimize the operations and effectiveness of the LFDs. In 2011, the LFD Task Force implemented a pilot program at three locations to evaluate potential improvements to the data gathering and reporting equipment at the LACFCD's LFDs. This program was highly successful and the LACFCD is currently executing a system-wide update project to implement similar improvements at all of its LFDs, with project completion expected by December 2016.**

   - **The Oxford Retention Basin Multiuse Enhancement Project will provide flood risk mitigation, water quality improvements, removal of potentially contaminated sediment, habitat improvements, as well as aesthetic and recreational enhancements. The design plans are complete and the project is scheduled for construction in early 2016.**

   - **Continued development of the Rory M. Shaw Wetlands Park Project, which would convert a 46-acre former construction debris landfill into a multi-use facility, to capture stormwater runoff in a detention pond, convey the water through constructed wetlands for water quality treatment, and pump the treated flows to the adjacent Sun Valley Park for infiltration into existing infiltration basins for groundwater recharge. The project will**

also enhance native vegetation, create recreational trails, and incorporate educational signage. The project is currently in the design phase and is scheduled to begin construction in 2017.

- **The Watershed Management Modeling System (WMMS) was made publically available in February 2013 and since that time has been used to identify cost effective pollution reduction projects to address urban runoff and stormwater quality for nine EWMP group's Reasonable Assurance Analysis. WMMS was also used by the U.S. Bureau of Reclamation in preparing a climate change study for the L.A. Basin and was used by the Los Angeles Department of Water and Power in their Stormwater Capture Master Plan. The LACFCD also has also provided support for the software and has responded to over 50 emails and numerous phone calls and interviews during this reporting period. The WMMS is publically available to download at www.LACountyWMMS.com.**

- **As part of City of Los Angeles' Wilmington Drain Multi-Use Project, LACFCD will contribute up to $8.166 million towards the removal of contaminated sediment from Wilmington Drain to improve water quality and increase hydraulic capacity. The sediment removal began in June 2013 and was completed in January 2014. During this period, approximately 27,300 cubic yards of sediment was removed.**

5. A description of water quality improvements or degradation in your watershed over the past fiscal year;

   Refer to Attachment K - Summary of TMDL-Related Activities

6. Interagency coordination between cities to improve the storm water management program;

   - **Interagency coordination between the LACFCD, County and the cities was facilitated through the EAC and WMP and EWMP meetings. This coordination has been effective in broadening communication between Permittees. Additionally, interagency coordination of the PIPP is enhanced by quarterly meetings hosted by the LACFCD.**

   - **Interagency coordination of the 1-888-CLEAN-LA environmental hotline afforded turnkey coordination of responses to illicit discharge complaints to a representative in the appropriate jurisdiction so corrective action can be taken. Also, the LACFCD updated the co-permittee's contact information that is accessible to the general public and residents by visiting the CleanLA.com website.**

   - **The LACFCD provided co-permittees with stormwater collateral support in the development of public outreach campaigns for city residents, as well as in support of various watershed management groups.**

7. Future plans to improve your agency's storm water management program; and

   Please see Attachment C – Summary of the Implementation of the 2012 MS4 Permit Requirements.

8. Suggestions to improve the effectiveness of your program or the County model programs.

   A key to improve program effectiveness is good communication and working relationship with Regional Board staff. The LACFCD is committed to continuing to meet regularly with Regional Board staff to discuss opportunities and challenges in implementing the MS4 Permit.