Attachment 8.2

Summary of TMDL-Related Activities

The table below is a summary of TMDL efforts by the County of Los Angeles (County), generally between July 2015 and June 2016, pursuant to the 2012 MS4 Permit (Appendix E, Part XIX, Sections A-G, or pages E-45 to E-62). Details of the activities related to TMDLs are summarized in the table below.

TMDL	Activities specific to individual TMDL	Activities common to two or more TMDLs
Santa Clara River Watershed Management Area TMDLs		
Santa Clara River Nitrogen Compounds TMDL	N/A	• Participated in the Upper Santa Clara River Agencies Group to develop a CIMP and EWMP. • Submitted the revised CIMP to the Regional Board in April 2015, which was conditionally approved in June 2015, and finally approved on June 22, 2015. • Completed non-stormwater outfall screening per the approved CIMP in July 2015. • Submitted the draft EWMP to the Regional Board in June 2015. Submitted the final EWMP to the RB on February 23, 2016. The EWMP was approved on April 7, 2016.
Upper Santa Clara River Chloride TMDL	N/A	
Santa Clara River Estuary and Reaches 3, 5, 6, and 7 Indicator Bacteria TMDL	N/A	
Lake Elizabeth, Munz Lake, and Lake Hughes Trash TMDL	• Continued weekly street sweeping in the vicinity of Lake Elizabeth during this reporting period. • Completed the installation of Connector Pipe Screens (CPS) in all six catch basins in the Lake Elizabeth area. See Exhibit 1 of Attachment 8.1 for details.	

TMDL	Activities specific to individual TMDL	Activities common to two or more TMDLs
Statewide Trash Amendments	• Installation of CPS in commercial and industrial areas is complete. Installation of CPS in other high trash generation areas is underway. See Exhibit A of this attachment for details.	
Santa Monica Bay Watershed Management Area TMDLs		
Santa Monica Bay Beaches Bacteria TMDL	• For Jurisdictional Groups 2 & 3, partnered with other agencies to prepare the Coordinated Integrated Monitoring Program (CIMP), which was approved on July 10, 2015. • The City of Los Angeles submitted the Coordinated Monitoring Plan (CMP)/CIMP results for the reporting period of June 1, 2015, through May 30, 2016, on behalf of the Permittees including the County on December 15, 2016.	• Participated in various Watershed Groups to develop CIMPs and EWMPs. • Submitted the revised CIMPs to the Regional Board in May, June, and July 2015. All the CIMPs have been approved. • Submitted the draft EWMPs to the Regional Board in June 2015 and were approved in April 2016. • For the Santa Monica Bay J2/J3 Group, the major outfall (2-1) serving the County area is served by a Low Flow Diversion. • Completed non-stormwater outfall screening. • Pursuing Prop 1 grant funding for the Viewridge Super Green Street project.
Santa Monica Bay TMDL for DDTs and PCBs	• Monitoring for this TMDL will be initiated through the CIMPs.	
Santa Monica Bay Nearshore and Offshore Debris TMDL	• Completed the installation of 188 CPS through the Phase 8 Trash TMDL Full Compliance Catch Basin Retrofit Project in June 2015. See Exhibit 2 of Attachment 8.1 for details. • The County's Trash Monitoring Reporting Plan (submitted December 2012) and the Plastic Pellets Monitoring Reporting Plan (submitted September 2013) were approved in July 2015. See Exhibit B of this attachment for details	

TMDL	Activities specific to individual TMDL	Activities common to two or more TMDLs
Malibu Creek and Lagoon Bacteria TMDL	• Partnered with other Malibu Creek Watershed Permittees to conduct monitoring for this TMDL per existing CMP, which has been ongoing since 2008. • The City of Agoura Hills submits the CMP results monthly to the Regional Board, on behalf of the Permittees.	• Participated in the Malibu Creek Watershed Group and the North Santa Monica Bay Watershed (J1/J4) Group to develop CIMPs and EWMPs. • Submitted the draft CIMPs to the Regional Board in June 2014. • The North Santa Monica Bay Watershed CIMP was conditionally approved in August 2015 and finally approved on November 13, 2015. The Malibu Creek Watershed revised CIMP was approved on May 26, 2016. • Completed non-stormwater outfall screening in May 2015 per the Malibu Creek Watershed CIMP and in November 2015 per the North Santa Monica Bay Watershed CIMP. • Submitted the draft EWMPs to the Regional Board in June 2015. Received final approval of the North Santa Monica Bay EWMP (J1&J4) on April 19, 2016, and final approval of the Malibu Creek Watershed EWMP on April 27, 2016. • Pursuing Prop 1 grant funding for the Gates Canyon Park EWMP project.
Malibu Creek Nutrient TMDL	N/A	
Malibu Creek Watershed Trash TMDL	• Completed the installation of 29 CPS through the Phase 8 Trash TMDL Catch Basin Retrofit Project in June 2015. See Exhibit 3 of Attachment 8.1 for details. • Monitoring under the TMRP commenced on December 4, 2014. The City of Agoura Hills will submit the monitoring results for the reporting period of July 1, 2015, through June 30, 2016, on behalf of the Permittees by December 15, 2016.	

TMDL	Activities specific to individual TMDL	Activities common to two or more TMDLs
Ballona Creek, Ballona Estuary and Sepulveda Channel Bacteria TMDL	• Partnered with other Ballona Creek Watershed Permittees to prepare the CIMP, which was approved in August 2015. • The City of Los Angeles submits the CIMP/CMP results monthly to the Regional Board on behalf of the Permittees. • In May 2015, a Time Schedule Order (TSO) was approved for the Permittees, including the County. As part of the TSO, the Permittees, including the County, are collaborating on the construction of three major low flow diversions in the Ballona Creek watershed.	• Participated in the Ballona Creek Watershed Group to develop a CIMP and EWMP to address these TMDLs. • Submitted the revised CIMP to the Regional Board in July 2015, which was conditionally approved in August 2015. • Completed the non-stormwater outfall screening events and completed source investigation of two major outfalls. • Submitted the draft EWMP in June 2015, which was approved in April 2016. • Pursuing Prop 1 grant funding for the Ladera Park EWMP project.
Ballona Creek Estuary Toxic Pollutants TMDL	• Partnered with other Ballona Creek Watershed Permittees to conduct monitoring for these TMDLs per the existing CMP and CIMP. • The City of Los Angeles will submit the CMP/CIMP results for the reporting period of July 1, 2014, through June 30, 2015, on behalf of the Permittees by December 15, 2015.	
Ballona Creek Metals TMDL		
Ballona Creek Trash TMDL	• See Exhibit 4 of Attachment 8.1 for the Ballona Creek Trash TMDL Status Report.	

TMDL	Activities specific to individual TMDL	Activities common to two or more TMDLs
Marina del Rey Harbor Toxic Pollutants TMDL	• Partnered with other Marina del Rey Watershed Permittees to conduct monitoring for this TMDL per the existing CMP, which has been on-going since 2006. • Exhibit C of this attachment provides the CMP results for the reporting period of July 1, 2014, through June 30, 2015, and is being submitted on behalf of all the Permittees. • In partnership with other Marina del Rey Watershed permittees, initiated a sediment stressor identification study. The study has been completed and will be submitted to the Regional Board in December 2016.	• Participated with the Marina del Rey Watershed Group to develop a CIMP and EWMP to continue to address these TMDLs. • Submitted the draft CIMP to the Regional Board in June 2014 and was approved in April 2016. • Submitted the draft EWMP to the Regional Board in June 2015, which was approved in April 2016. • All the three major outfalls in the Marina del Rey watershed are submerged, making screening for significant non-stormwater discharge very difficult. As indicated in the approved CIMP, the agencies will instead observe the catch basins to determine if there are significant non-stormwater inputs. The screening will commence in August 2016 and be completed by the end of the year. • Completed the Oxford Basin Project, which may increase dissolved oxygen levels with the construction of a circulation berm. The Parking Lot 9 project also started construction in July 2016. More details are provided in the Bacteria TSO Annual Report. • Effectiveness monitoring for the Parking Lot 5 & 7 Project was completed for years 1 and 2. See Exhibit D of this attachment for details.
Marina del Rey Mothers' Beach and Back Basins Bacteria TMDL	• Partnered with other Marina del Rey Watershed Permittees to conduct monitoring for this TMDL per the existing CMP, which has been on-going since 2007. • The City of Los Angeles submits the CMP results monthly to the Regional Board on behalf of the Permittees. • In July 2014, a Time Schedule Order (TSO) was approved for the permittees, including the County. The County submitted a separate annual report for the TSO related activities on December 15, 2015.	

TMDL	Activities specific to individual TMDL	Activities common to two or more TMDLs
Dominguez Channel and Greater Harbor Waters WMA		
Machado Lake Trash TMDL	• All drainage areas within the unincorporated County are covered by full capture trash structures. • Installation of remaining CPS was completed by the Phase 9 Trash TMDL Catch Basin Retrofit Project during this reporting period. See Exhibit 5 of Attachment 8.1 for details.	• Participated in the Peninsula Group and the Dominguez Channel Watershed Management Area Group to develop CIMPs and EWMPs. • Submitted the Dominguez Channel WMA revised CIMP to the Regional Board in December 2015, which was approved in June 2016. • Submitted the Dominguez Channel WMA revised EWMP to the Regional Board in February 2016, which was approved in April 2016. • Submitted the Peninsula Agencies revised CIMP in February 2016, which was approved in February 2016. • Submitted the Peninsula Agencies revised EWMP to the Regional Board in April 2016, which was approved in April 2016. • Along with other partner cities, continued to implement non-stormwater outfall screening. • Evaluated the incorporation of regenerative street sweepers into its street cleaning program. • Applied for a Prop 1 grant for a stormwater project at the South Coast Botanical Gardens. However, the project was not awarded grant funding. • Began evaluating the feasibility of a stormwater capture project at Chester
Machado Lake Nutrient TMDL	• Partnered with the Peninsula Agencies and the Dominguez Channel WMA Group to conduct monitoring for this TMDL. • In April 2016, distributed “Tips For Horse Owners” flyer to all horse owners in the unincorporated County areas within the Machado Lake watershed.	
Machado Lake Pesticides and PCBs TMDL	• Partnered with the Peninsula Agencies to conduct monitoring for this TMDL.	
Dominguez Channel and Greater Los Angeles and Long Beach Harbor Waters Toxic Pollutants TMDL	• Partnered with the Greater Harbor Waters Regional Monitoring Coalition, the Peninsula Agencies and the Dominguez Channel WMA group to conduct monitoring for this TMDL. • The annual monitoring report for the Greater Harbor Waters Regional Monitoring Coalition was submitted by the City of Long Beach on behalf of all participating agencies, including the County, before December 15, 2016. • Leading a coordinated effort of seven agencies to prepare a Contaminated Sediment Management Plan (CSMP) for the Dominguez Channel Estuary. The revised plan was submitted to the Regional Board in June 2016.	

TMDL	Activities specific to individual TMDL	Activities common to two or more TMDLs
Los Angeles Harbor Bacteria TMDL	• Conducted monitoring for this TMDL per the Dominguez Channel WMA CIMP.	Washington Golf Course and at Alondra Park.
Statewide Trash Amendments	• Installation of CPS in high trash generation areas is underway. See Exhibit E of this attachment for listing of the completed catch basins.	
Los Angeles River WMA TMDLs		
Los Angeles River Trash TMDL	• See Exhibit 6 of Attachment 8.1 for the Los Angeles River Trash TMDL Compliance Report.	
Los Angeles River Nitrogen Compounds and Related Effects TMDL	N/A	• Participated in the Upper Los Angeles River Watershed Group, Rio Hondo/San Gabriel River Water Quality Group, Los Angeles River Upper Reach 2 Sub-Watershed Group, and the Lower Los Angeles River Watershed Group to develop CIMPs and WMPs/EWMPs to address these TMDLs. • Submitted these CIMPs to the Regional Board in June 2014 and all were revised and approved by February 2016. • The County, along with other partner cities, completed the non-stormwater outfall screening and prioritization of significant outfalls for Segment B of the LA River, Rio Hondo Channel, and Arroyo Seco. • The County, along with other partner cities, initiated non-stormwater outfall screening for Segment E of the LA River and Compton Creek. • Submitted the WMPs/EWMPs to the Regional Board in June 2015 and all were
Los Angeles River and Tributaries Metals TMDL	• Partnered with other Los Angeles River Watershed Permittees to conduct monitoring for this TMDL per the existing CMP and CIMP. The City of Los Angeles and the City of Arcadia will submit the CMP/CIMP results for the reporting period of July 1, 2015, through June 30, 2016, on behalf of the Permittees. • Partnered with the Permittees to complete site-specific-objective studies for copper and lead in LA River Watershed. The study reports were submitted to the Regional Board in 2014, which subsequently resulted in the revision of the TMDL by the Regional Board in April 2015.	
Los Angeles River Watershed Bacteria TMDL	• Partnered with other Permittees to prepare a load reduction strategy (LRS) for Arroyo Seco and Rio Hondo Channel. The LRSs were submitted to the Regional Board in March 2016. • Partnered with other Permittees to conduct dry	

TMDL	Activities specific to individual TMDL	Activities common to two or more TMDLs
	weather monitoring in order to prepare a Load Reduction Strategy for Segment A of the LA River.	revised and approved by April 2016. • Pursuing two Prop 1 grant funding for East LA Sustainable Median Stormwater Capture Project. The total requested grant amount for both grants is $4,000,000. • A Project Concept Report to construct a stormwater capture project at Roosevelt Park is being finalized. The County was awarded $2,050,000 from Proposition 84 Integrated Regional Water Management Grant in December 2015. • A $900,000 grant from Proposition 84 Integrated Regional Water Management Grant in December 2015 was awarded to the County's project partner, the River Project for the Water LA Neighborhood Retrofits Project.
Los Angeles Area Lakes TMDLs (Legg Lake and Peck Road Park Lake)	• Partnered with other Permittees to conduct monitoring at Legg Lake for this TMDL per the CIMP.	
Legg Lake Trash TMDL	• The County of Los Angeles Department of Parks and Recreation has been implementing the Minimum Frequency Assessment and Collection Program (MFAC) at Legg Lake since 2009. • The MFAC annual report was submitted to the Regional Board in March 2016.	
San Gabriel River WMA TMDLs		
San Gabriel River Metals and Impaired Tributaries Metals and Selenium TMDL	• Partnered with other Permittees to conduct monitoring for this TMDL per the CIMP.	• Participated in the Upper San Gabriel River Watershed Group and the Rio Hondo/San Gabriel River Group to develop CIMPs and EWMPs. • The CIMP for the Upper San Gabriel River EWMP Group was approved in November 2015, and the CIMP for the Rio Hondo/San Gabriel River Group was approved in June 2015. • Along with other partner cities, non-stormwater outfall screening was completed, and source identification of significant non-stormwater outfalls commenced.
San Gabriel River Bacteria TMDL	• Partnered with other Permittees to conduct monitoring for this TMDL per the CIMP.	
Los Angeles Area Lakes TMDLs (Puddingstone Reservoir)	• Partnered with other Permittees to conduct monitoring at Puddingstone Lake for this TMDL per the CIMP.	

TMDL	Activities specific to individual TMDL	Activities common to two or more TMDLs
		• The EWMPs for the Upper San Gabriel River Group and Rio Hondo/San Gabriel River Group were approved in April 2016. • Completed the Avocado Heights Multi-use Trail Project in September 2014. This project, located in the unincorporated area of Avocado Heights, was one of the early action projects during the development of EWMPs. • Collaborating with Upper San Gabriel River Watershed Group to develop thirty-percent engineering designs for stormwater capture projects at Kahler Russell Park, San Angelo Park, and Allen J. Martin Park,. The feasibility study was completed as part of the EWMP. • Collaborating with La Puente, West Covina, and Bassett Unified School District on investigating a stormwater capture project at Bassett High School. Preliminary geotechnical investigation was completed in July 2016. • Began developing a Project Design Concept for Norwalk Bl et al, a green street project. • Applied for Prop 1 RMC grant for Washington Blvd Green Street Project, however, the project was not awarded grant funding.
Statewide Trash Amendments	• Installation of CPS in high trash generation areas is underway. See Exhibit F of this attachment for listing of the completed catch basins.	

TMDL	Activities specific to individual TMDL	Activities common to two or more TMDLs
Los Cerritos Channel WMA TMDLs		
Los Cerritos Channel Metals TMDL	• Participated in the Alamitos Bay/Los Cerritos Channel Group to develop a CIMP and a WMP to address this TMDL. The revised CIMP was submitted to the Regional Board in July 2015, and was conditionally approved in August 2015. • Submitted the revised WMP to the Regional Board in May 2015, which was approved on August 11, 2015. • Completed non-stormwater outfall screening in June 2015 per the approved CIMP. • Partnered with the Los Cerritos Channel Watershed Management Group to implement monitoring downstream of unincorporated County area.	
Statewide Trash Amendments	• Installation of CPS in high trash generation areas is completed. See Exhibit G of this attachment for listing of the completed catch basins.	