

ATTACHMENT J

SUMMARY OF TMDL-RELATED ACTIVITIES

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Summary of TMDL-Related Activities

Below is the County's report on the progress of annual monitoring in accordance with the TMDL reporting requirements prescribed in the 2012 MS4 Permit (Appendix E, Part XIX, Sections A-G, or pages E-45 to E-62).

Santa Clara River Watershed Management Area (WMA) TMDLs

- **Santa Clara River Nitrogen Compounds TMDL**

Per the TMDL, the MS4 is not the primary source of nitrogen compounds. The County is participating in the Upper Santa Clara River Agencies Group to develop a CIMP which will address this TMDL. The draft CIMP was submitted to the Regional Board on June 28, 2014, and is pending approval. Approval from the Regional Board is expected by mid-2015.

- **Upper Santa Clara River Chloride TMDL**

Per the TMDL, the MS4 is not the primary source of chlorides. The County is participating in the Upper Santa Clara River Agencies Group to develop a CIMP which will address this TMDL. The draft CIMP was submitted to the Regional Board on June 28, 2014, and is pending approval. Approval from the Regional Board is expected by mid-2015.

- **Lake Elizabeth, Munz Lake, and Lake Hughes Trash TMDL**

- Street sweeping continues weekly in the vicinity of Lake Elizabeth.
- Phase 8 of the Trash TMDL Full Catch Basin Retrofit Project, for which construction is expected to begin during the 2014-2015 reporting year, will include the installation of Connector Pipe Screen (CPS) devices in the remaining County catch basin in the Lake Elizabeth area.
- See Exhibit 1 of this attachment

- **Santa Clara River Estuary and Reaches 3, 5, 6, and 7 Indicator Bacteria TMDL**

Monitoring during the reporting year has not occurred for this TMDL. Monitoring will be performed as part of the CIMP. The draft CIMP was submitted to the Regional Board in June 2014.

Santa Monica Bay WMA TMDLs

- **Santa Monica Bay Beaches Bacteria TMDL**

The County currently partners with other Santa Monica Bay Beaches Permittees to conduct monitoring for this TMDL. The County is participating in various Watershed Groups to develop CIMPs that will incorporate the on-going CMP for this TMDL. The draft CIMPs were submitted to the Regional Board in June 2014.

- **Santa Monica Bay Nearshore and Offshore Debris TMDL**

- Installation is anticipated to commence in January 2015 for 289 CPS as part of the TMDL Full Compliance Catch Basin Retrofit – Phase 8 Project (Phase 8 Project).
- Annual Monitoring Reports will be submitted upon approval of the Trash Monitoring Reporting Plan (submitted December 2012) and the Plastic Pellets Monitoring Reporting Plan (submitted September 2013).
- See Exhibit 2 of this attachment.

- **Santa Monica Bay TMDL for DDTs and PCBs**

Monitoring during the reporting year has not occurred for this TMDL. Monitoring will be performed as part of the CIMP. The County is participating in various Watershed Groups to develop CIMPs

that will incorporate the on-going CMP for this TMDL. The draft CIMP was submitted to the Regional Board in June 2014.

- **Malibu Creek and Lagoon Bacteria TMDL**

The County currently partners with other Malibu Creek Watershed Permittees to conduct monitoring for this TMDL, which has been ongoing since 2008. The County is participating in the Malibu Creek Watershed Group and the North Santa Monica Bay Watershed (J1/J4) Group to develop CIMPs that will incorporate the on-going CMP for this TMDL. The draft CIMP was submitted to the Regional Board in June 2014.

- **Malibu Creek Watershed Trash TMDL**

- Installation of 85 CPS will be completed as part of the Phase 8 Project in early 2015.
- Monitoring under the TMRP will commence no later than December 4, 2014.
- The County is participating with the Malibu Creek Watershed Group and the North Santa Monica Bay Jurisdictional Groups 1 and 4 to develop CIMPs that will incorporate the ongoing CMP for this TMDL. The draft CIMP was submitted to the Regional Board in June 2014, and are pending approval. Approval from the Regional Board is expected by mid-2015.
- See Exhibit 3 of this attachment.

- **Malibu Creek Nutrient TMDL**

Monitoring during the reporting year has not occurred for this TMDL. Monitoring will be performed as part of the CIMP. The draft CIMP was submitted to the Regional Board in June 2014.

- **Ballona Creek Trash TMDL**

See Exhibit 4 of this attachment for the Ballona Creek Trash TMDL Status Report.

- **Ballona Creek Estuary Toxic Pollutants TMDL**

The County currently partners with other Ballona Creek Watershed Permittees to conduct monitoring for this TMDL, which has been on-going since 2006. The City of Los Angeles will submit the Coordinated Monitoring Plan (CMP) Results for Effectiveness Monitoring for the reporting period of July 1, 2013, through June 30, 2014, on behalf of the Permittees. The County is participating in the Ballona Creek Watershed Group to develop CIMPs that will incorporate the on-going CMP for this TMDL. These CIMPs were submitted to the Regional Board in June 2014.

- **Ballona Creek Metals TMDL**

The County currently partners with other Ballona Creek Watershed Permittees to conduct monitoring for this TMDL, which has been on-going since 2006. The City of Los Angeles will submit the Coordinated Monitoring Plan (CMP) Results for Effectiveness Monitoring for the reporting period of July 1, 2013, through June 30, 2014, on behalf of the Permittees. The County is participating in the Ballona Creek Watershed Group to develop CIMPs that will incorporate the on-going CMP for this TMDL. These CIMPs were submitted to the Regional Board in June 2014.

- **Marina del Rey Harbor Toxic Pollutants TMDL**

The County currently partners with other Marina del Rey Watershed Permittees to conduct monitoring for this TMDL, which has been on-going since 2006. The County will submit the Coordinated Monitoring Plan (CMP) Results for Effectiveness Monitoring for the reporting period of July 1, 2013, through June 30, 2014, on behalf of the Permittees. The County is participating in the Marina del Rey Watershed Group to develop CIMPs that will incorporate the on-going CMP for this TMDL. These CIMPs were submitted to the Regional Board in June 2014. See Exhibit 5 of this attachment for the 2013-14 Marina del Rey Harbor Toxic Pollutants TMDL Monitoring Report.

Dominguez Channel and Greater Harbors Waters WMA TMDLs

• **Los Angeles Harbor Bacteria TMDL**

The City of Los Angeles, Bureau of Sanitation submits monthly data reports to the Regional Board on behalf of the County of Los Angeles.

• **Machado Lake Trash TMDL**

- Installed 9 CPS devices in March 2014 as part of the TMDL Full Compliance Catch Basin Retrofit – Phase 7 Project.
- Installation of 23 CPS devices is included in the Phase 8 Project.
- See Exhibit 6 of this attachment.

• **Machado Lake Nutrient TMDL**

The County has completed its Year 2 Nutrient Monitoring for the County of Los Angeles Unincorporated Area of the Machado Lake Watershed. The subject report is included in Exhibit 7 of this attachment.

• **Machado Lake Pesticides and PCBs TMDL**

- On September 18, 2012, the County submitted the toxics portion of its Machado Lake Multi-pollutant TMDL Monitoring and Reporting Program (MRP) and Quality Assurance and Project Plan (QAPP) for the Unincorporated Areas of Los Angeles County within the Machado Lake Watershed. These documents were conditionally approved by the Regional Board on September 18, 2013.
- The County is participating in the Peninsula EWMP Agencies Group and the Dominguez Channel Watershed Management Area Group to develop CIMPs to address this TMDL. These draft CIMPs were submitted to the Regional Board on in June 2014.

• **Dominguez Channel and Greater Los Angeles and Long Beach Harbor Waters Toxics TMDL**

- *Monitoring and Reporting Plan and Quality Assurance Project Plan*
On June 24, 2013, the County of Los Angeles in collaboration with the Greater Harbor Waters Regional Monitoring Coalition submitted the Coordinated Compliance, Monitoring, and Reporting Plan (CCMRP) Incorporating Quality Assurance Project Plan (QAPP) Components for the Greater Los Angeles and Long Beach Harbor Waters. The CCMRP was approved by the Regional Board on June 6, 2014. The County's additional MRP and QAPP requirements are addressed in the CIMPs for the various Watershed Management Program Groups the County is participating in for the Dominguez Channel, LA River, and San Gabriel River Watersheds. These draft CIMPs were submitted to the Regional Board in June 2014.
- *Annual Monitoring Reports*
Annual Monitoring Reports will be submitted as part of the CCMRP and QAPP for the Greater Los Angeles and Long Beach Harbor Waters; and upon approval of the CIMPs being developed for the various Watershed Management Program Groups the County is participating in for the Dominguez Channel, LA River, and San Gabriel River Watersheds. These draft CIMPs were submitted to the Regional Board in June 2014.
- *Report of Implementation for the LA River and San Gabriel River Watersheds*
The Implementation Plan requirement will be addressed in the EWMPs being developed for the various Watershed Management Program Groups the County is participating in for the LA River and San Gabriel River Watersheds. These draft EWMPs will be submitted to the Regional Board in June 2015.

- *Contaminated Sediment Management Plan*

The County of Los Angeles led a coordinated effort of 6 agencies to submit a Contaminated Sediment Management Plan (CSMP) for the Dominguez Channel Estuary on March 20, 2014. The submittal of the CSMP fulfilled requirements of the Dominguez Channel and Greater Los Angeles and Long Beach Harbor Waters Toxic Pollutants TMDL. The CSMP was developed to support the long-term recovery of sediment and water quality in the Dominguez Channel Estuary.

Los Angeles River WMA TMDLs

- **Los Angeles River Watershed Trash TMDLs**

Installation of 626 CPS and 32 ARS was completed as of March 5, 2013. Installation is underway for 256 CPS and 95 ARS as part of the Phase 7 Project. Planning has commenced for installation of 243 CPS as part of the Phase 8 Project. See Exhibit 8 of this attachment for the Los Angeles River Trash TMDL Compliance Report.

- **Los Angeles River Nitrogen Compounds and Related Effects TMDL**

Per the TMDL, the MS4 is not the primary source of nitrogen compounds. The County is participating in the Upper Los Angeles River Watershed Group and the Rio Hondo/San Gabriel River Water Quality Group to develop CIMPs to address this TMDL. These CIMPs were submitted to the Regional Board in June 2014.

- **Los Angeles River and Tributary Metals TMDL**

The County currently partners with other Los Angeles River Watershed Permittees to conduct monitoring for this TMDL, which has been on-going since 2006. The City of Los Angeles will submit the Coordinated Monitoring Plan (CMP) Results for Effectiveness Monitoring for the reporting period of July 1, 2013, through June 30, 2014, on behalf of the Permittees. The County is participating in the Upper Los Angeles River Watershed Group and the Rio Hondo/San Gabriel River Water Quality Group to develop CIMPs that will incorporate the on-going CMP for this TMDL. These CIMPs were submitted to the Regional Board in June 2014.

- **Los Angeles River Watershed Bacteria TMDL**

In partnership with other Los Angeles River Watershed Permittees, a draft Coordinated Monitoring Plan was prepared and sent to the Board in March 2013. The County is participating in the Upper Los Angeles River Watershed Group and the Rio Hondo/San Gabriel River Water Quality Group to develop CIMPs to address this TMDL. These CIMPs were submitted to the Regional Board in June 2014.

- **Legg Lake Trash TMDL**

The County of Los Angeles Department of Parks and Recreation is implementing the Minimum Frequency Assessment and Collection (MFAC) at Legg Lake and submitted the annual report on March 6, 2014. The County is participating in the Upper Los Angeles River Watershed Group to develop a CIMP to address this TMDL. The CIMP was submitted to the Regional Board in June 2014.

- **Los Angeles Area Lakes TMDLs**

The County is participating in the Upper Los Angeles River Watershed Group, the Upper San Gabriel River Enhanced Watershed Management Program Group, and the Rio Hondo/San Gabriel River Water Quality Group to develop CIMPs to address these TMDLs. These CIMPs were submitted to the Regional Board in June 2014.

- **Dominguez Channel and Greater Los Angeles and Long Beach Harbor Waters Toxic Pollutants TMDL**

The County and the LACFCD are participating in the Dominguez Channel Watershed Management Area, Beach Cities and Peninsula Cities EWMP groups to address this TMDL. The County and LACFCD are also participating in the Greater Harbors Regional Monitoring Coalition (RMC). Monitoring with the RMC has begun and the first annual report is to be submitted December 1, 2015.

San Gabriel River WMA TMDLs

- **San Gabriel River Metals and Impaired Tributaries Metals and Selenium TMDL**

The County is participating in the Upper San Gabriel River Enhanced Watershed Management Program Group and the Rio Hondo/San Gabriel River Water Quality Group to develop CIMPs to address these TMDLs. These CIMPs were submitted to the Regional Board in June 2014.

Los Cerritos Channel WMA TMDLs

- **Los Cerritos Channel Metals TMDL**

- *Annual Monitoring Report*

The County is participating in the Alamitos Bay/Los Cerritos Channel Group to develop a CIMP to address this TMDL. This draft CIMP was submitted to the Regional Board in June 2014.

- *Implementation Plan*

The County is participating in the Alamitos Bay/Los Cerritos Channel Group to develop a WMP that will include the Implementation Plan to address this TMDL. This draft WMP was submitted to the Regional Board in June 2014.