

ATTACHMENT M

SUMMARY OF TMDL-RELATED ACTIVITIES

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Summary of TMDL-Related Activities

Below is the LACFCD's report on the progress of annual monitoring in accordance with the Total Maximum Daily Load (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. However, the LACFCD is participating in the Upper Santa Clara River Agencies Group to develop a Coordinated Integrated Monitoring Program (CIMP), which will address this TMDL. The draft CIMP was submitted to the Regional Board in June 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. However, the LACFCD 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 In June 2014 and is pending approval. Approval from the Regional Board is expected by mid-2015.

- **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 LACFCD currently partners with other Santa Monica Bay Beaches Permittees to conduct monitoring for this TMDL. The LACFCD 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**

- The LACFCD owns and operates 20 Low Flow Diversions (LFDs) in the Santa Monica Bay coast that divert low flows to the sanitary sewer system. These LFDs also capture trash and floating debris in a trash well.
- Annual Monitoring Reports will be submitted upon approval of the Trash Monitoring Reporting Plan (submitted in December 2012) and the Plastic Pellets Monitoring Reporting Plan (submitted in September 2013).

- **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 LACFCD 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.

- **Malibu Creek and Lagoon Bacteria TMDL**

The LAFCD 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 CIMPs were submitted to the Regional Board in June 2014.

- **Malibu Creek Watershed Trash TMDL**

The LACFCD 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 Coordinated Monitoring Plan (CMP) for this TMDL. The draft CIMPs were submitted to the Regional Board in June 2014 and are pending approval. Approval from the Regional Board is expected by mid-2015.

- **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 Estuary Toxic Pollutants TMDL**

- The LACFCD is partnering with other Ballona Creek Watershed Permittees to conduct monitoring for this TMDL. The City of Los Angeles will submit the CMP results submittal for effectiveness monitoring for the 2013-2014 reporting period on behalf of all the CMP participants.

- The LACFCD is participating with the Ballona Creek Watershed Group to develop a CIMP that will incorporate the ongoing CMP for this TMDL. The draft CIMPs were submitted to the Regional Board in June 2014 and are pending approval. Approval from the Regional Board is expected by mid-2015.

- **Ballona Creek Metals TMDL**

The LACFCD is partnering with other Ballona Creek Watershed Permittees to conduct monitoring for this TMDL, which has been ongoing since 2006. The City of Los Angeles will submit the Coordinated Monitoring Plan (CMP) Results submittal for Effectiveness Monitoring for the reporting period of July 1, 2012 through June 30, 2013 on behalf of the permittees. The LACFCD is participating with the Ballona Creek Watershed Group to develop CIMPs that will incorporate the ongoing CMP for this TMDL. The draft CIMPs were submitted to the Regional Board in June 2014.

- **Ballona Creek Trash TMDL**

The LACFCD owns and operates a trash boom in the Ballona Creek at Lincoln Blvd.

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

The LACFCD currently partners with other Marina del Rey Watershed Permittees to conduct monitoring for this TMDL, which has been ongoing since 2006. The County of Los Angeles will submit the Coordinated Monitoring Plan (CMP) Results submittal for Effectiveness Monitoring for the reporting period of August 2013 to July 2014 on behalf of the permittees. The LACFCD is participating with the Marina del Rey Watershed Group to develop CIMPs which will incorporate the on-going CMP for this TMDL. These draft CIMPs were submitted to the Regional Board in June 2014.

Dominquez 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 Water Board on behalf of the Los Angeles County Flood Control District. The LACFCD is

participating with the Dominguez Channel Watershed Management Area Group to develop a CIMP to address this TMDL. This draft CIMP was submitted to the Regional Board in June 2014.

- **Machado Lake Trash TMDL**

The LACFCD owns and operates a trash boom in Wilmington Drain. In June 2013, construction began on the Wilmington Drain Multi-use project. The LACFCD has coordinated with the City of Los Angeles to install a trash net system in Wilmington Drain north of Lomita Blvd. The LACFCD is participating with the Dominguez Channel Watershed Management Area Group and the Peninsula Cities Group to develop CIMPs to address this TMDL. These draft CIMPs were submitted to the Regional Board in June 2014.

- **Machado Lake Nutrient TMDL**

On September 27, 2012 the Machado Lake Nutrient and Toxics TMDL Monitoring and Reporting Plan and Quality Assurance and Project Plan for the Los Angeles County Flood Control District was submitted. The Regional Board conditionally approved this document on September 18, 2013. Requested revisions to the plans are incorporated into the Dominguez Channel Watershed Management Area CIMP. The LACFCD is participating with the Dominguez Channel Watershed Management Area Group and the Peninsula Cities Group to develop CIMPs to address this TMDL. These draft CIMPs were submitted to the Regional Board in June 2014.

- **Machado Lake Pesticides and PCBs TMDL**

On September 27, 2012 the Machado Lake Nutrient and Toxics TMDL Monitoring and Reporting Plan and Quality Assurance and Project Plan for the Los Angeles County Flood Control District was submitted. The Regional Board conditionally approved this document on September 18, 2013. Requested revisions to the plans are incorporated into the Dominguez Channel Watershed Management Area CIMP. The LACFCD is participating with the Dominguez Channel Watershed Management Area Group and the Peninsula Cities Group to develop CIMPs to address this TMDL. These draft CIMPs were submitted to the Regional Board in June 2014.

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

- Monitoring and Reporting Plan and Quality Assurance Project Plan:

On June 24, 2013 the LACFCD 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 LACFCD's additional CCMRP and QAPP requirements will be addressed in the CIMPs being developed for the various Watershed Management Program Groups the LACFCD 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 LACFCD 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 LACFCD is participating in for the Los Angeles River and San Gabriel River Watersheds.

Los Angeles River WMA TMDLs

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

Per the TMDL, the MS4 is not the primary source of nitrogen compounds. The LACFCD is participating with 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 to address this TMDL. These CIMPs were submitted to the Regional Board in June 2014.

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

The LACFCD is participating with 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 to address this TMDL. These CIMPs were submitted to the Regional Board in June 2014.

- **Los Angeles River Watershed Bacteria TMDL**

The LACFCD is participating with 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 to address this TMDL. These CIMPs were submitted to the Regional Board in June 2014.

- **Legg Lake Trash TMDL**

The LACFCD is participating with 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.

- **Long Beach City Beaches and Los Angeles River Estuary Bacteria TMDL**

The LACFCD is participating with the Lower 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 LACFCD is participating with the Upper Los Angeles River Watershed Group, Rio Hondo/San Gabriel River Water Quality Group, and the Upper San Gabriel River Enhanced Watershed Management Program Group to develop CIMPs to address this TMDL. 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 expected to be submitted on December 1, 2015.

San Gabriel River WMA TMDLs

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

The LACFCD is participating with the Upper San Gabriel River Enhanced Watershed Management Program Group, the Rio Hondo/San Gabriel River Water Quality Group, and the Lower San Gabriel River Watershed 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**

- The LACFCD is participating in the Los Cerritos Channel Watershed Group and Alamitos Bay/Los Cerritos Channel Group to develop CIMPs to address these TMDLs. These CIMPs were submitted to the Regional Board in June 2014.

- The LACFCD is participating in the Los Cerritos Channel Watershed Group and Alamitos Bay/Los Cerritos Channel Group to develop WMPs that will include the Implementation Plan to address these TMDLs. These WMPs were submitted to the Regional Board in June 2014.

- **Colorado Lagoon OC Pesticides, PCBs, Sediment Toxicity, PAHs, and Metals TMDL**

- The Colorado Lagoon TMDL Monitoring Plan was approved by the Regional Board on January 25, 2013.

- On July 25, 2013, the City of Long Beach, on behalf of the LACFCD, submitted a Biannual Progress Report on the implementation actions of this TMDL.

- Monitoring per the approved Colorado Lagoon TMDL Monitoring Plan is ongoing. The first Annual Monitoring Report was submitted in late 2014 per TMDL requirements.