STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
TIME SCHEDULE ORDER NO. 2022-0089-DWQ
REQUIRING
CALIFORNIA DEPARTMENT OF TRANSPORTATION
TO COMPLY WITH ORDER 2022-0033-DWQ, NPDES CAS000003

The State Water Resources Control Board (State Water Board) finds the following:

- 1. The California Department of Transportation (Department) owns and operates a statewide transportation system that includes over 50,000 miles of highway and freeway lanes, right-of-way, municipal separate storm sewer systems, and maintenance, storage, and vehicle parking facilities.
- 2. The State Water Board previously regulated the Department's municipal stormwater discharges under statewide municipal separate storm sewer system permits, Order 2012-0011-DWQ (as amended by Orders 2014-0006-EXEC, 2014-0077-DWQ, 2015-0036-DWQ, and 2017-0026-EXEC).
- 3. On June 22, 2022, the State Water Board adopted Order 2022-0033-DWQ, National Pollutant Discharge Elimination System (NPDES) Permit CAS000003, that regulates the Department's statewide stormwater discharges and conditionally exempt non-stormwater discharges from its municipal separate storm sewer system. Order 2022-0033-DWQ requires the Department to comply with existing total maximum daily loads (TMDLs) established by the United States Environmental Protection Agency (U.S. EPA) or adopted by the Regional Water Quality Control Boards (Regional Water Boards), identifying stormwater discharges from the Department transportation system as a source of pollutants causing receiving water impairment, as listed in Attachment D to Order 2022-0033-DWQ.
- 4. A TMDL is defined as the sum of the individual waste load allocations for identified point sources of pollution, the load allocations for identified nonpoint sources of pollution, the contribution from background sources of pollution, and a margin of safety. A TMDL represents the maximum amount of a pollutant that an impaired water body may receive to restore water quality within water quality standards.
- 5. Order 2022-0033-DWQ requires the Department to comply with a total of 88 TMDLs per TMDL-specific waste load allocations and associated compliance deadlines. The Department is required to implement stormwater pollutant control measures (e.g., best management practices, cooperative agreements, etc.) to address its contribution to the water quality impairment of the receiving water.

TIME EXTENSION

- 6. Table TSO-1 in this time schedule order identifies the 63 TMDLs implemented through Order 2022-0033-DWQ for which the Department needs or may need additional time to comply with the existing TMDL-specific compliance deadlines.
 - This time schedule order provides the Department a time schedule until December 31, 2034, to comply with the TMDL-related requirements listed in Table TSO-1.
- 7. Previous Order 2012-0011-DWQ, as amended by subsequent Orders, provided the Department until 2034 to comply with its TMDL requirements. At the time of the 2012 adoption of the previous municipal separate storm sewer system permit, the State Water Board determined the time schedule was appropriate due to the large amount of TMDLs with which the Department is required to comply, taking the Department's budgetary limitations into account. This time schedule order continues the previously established time schedule for the Department to comply with applicable TMDL requirements.
- 8. On June 16, 2015, the State Water Board adopted precedential Order WQ 2015-0075, addressing municipal stormwater permittees' compliance with receiving water objectives, and concluding that issuance of a time schedule order is the appropriate method for providing additional time where needed, or may be needed, for a permittee to meet a final compliance TMDL deadline.
- 9. This time schedule order does not constitute a finding that the Department is or will be out of compliance with receiving water objectives or TMDL-related requirements. In this time schedule order, the State Water Board finds that due to the Department's extensive and diverse right-of-way and the large amount of applicable TMDLs, the Department may require additional time to comply with the TMDLs identified in Table TSO-1 of this time schedule order.

REGULATORY BASIS

- 10. This time schedule order is issued pursuant to Water Code section 13300, which reads:
 - "Whenever a regional board finds that a discharge of waste is taking place or threatening to take place that violates or will violate requirements prescribed by the regional board, or the state board, or that the waste collection, treatment, or disposal facilities of a discharger are approaching capacity, the board may require the discharger to submit for approval of the board, with such modifications as it may deem necessary, a detailed time schedule of specific actions the discharger shall take in order to correct or prevent a violation of requirements."
- 11. Water Code section 13267, subdivisions (b)(1) and (f) state:
 - (b)(1): "In conducting an investigation specified in subdivision (A), the regional board may require that any person who has discharged, discharges, or is suspected of having

discharged or discharging, or who proposes to discharge waste within its region, or any citizen or domiciliary, or political agency or entity of this state who has discharged, discharges, or is suspected of having discharged or discharging, or who proposes to discharge, waste outside of its region that could affect the quality of waters within its region shall furnish, under penalty of perjury, technical or monitoring program reports which the regional board requires. The burden, including costs, of these reports shall bear a reasonable relationship to the need for the report and the benefits to be obtained from the reports. In requiring those reports, the regional board shall provide the person with a written explanation with regard to the need for the reports and shall identify the evidence that supports requiring that person to provide the reports."

- (f): "The State Water Board may carry out the authority granted to a regional board pursuant to this section if, after consulting with the regional board, the state board determines that it will not duplicate the efforts of the regional board."
- 12. Water Code section 13383 states:
 - (a): "The state board or a regional board may establish monitoring, inspection, entry, reporting, and recordkeeping requirements, as authorized by Section 13160, 13376, or 13377 or by subdivisions (b) and (c) of this section, for any person who discharges, or proposes to discharge, to navigable waters, any person who introduces pollutants into a publicly owned treatment works, any person who owns or operates, or proposes to own or operate, a publicly owned treatment works or other treatment works treating domestic sewage, or any person who uses or disposes, or proposes to use or dispose, of sewage sludge."
 - (b): "The state board or the regional boards may require any person subject to this section to establish and maintain monitoring equipment or methods, including, where appropriate, biological monitoring methods, sample effluent as prescribed, and provide other information as may be reasonably required.*"
 - (c): "The state board or a regional board may inspect the facilities of any person subject to this section pursuant to the procedure set forth in subdivision (c) of Section 13267."
- 13. The State Water Board has consulted with the Regional Water Boards and determined that this time schedule order will not be duplicative of Regional Water Board actions.
- 14. All technical reports required under this time schedule order are required per Water Code section 13267 and 13383. The technical reports required herein are necessary to determine the Department's compliance status with the TMDL requirements listed in Table TSO-1. The burdens, including costs, of these reports bear a reasonable relationship to the needs for the reports and the benefits to be obtained therefrom.
- 15. Issuance of this time schedule order is exempt from the provisions of the California Environmental Quality Act (Public Resources Code section 21000 et seq.) per Water Code section 13389, since the adoption or modification of an NPDES permit for an existing source is statutorily exempt, and this time schedule order serves to implement

Order 2022-0033-DWQ, NPDES permit No. CAS000003. (*Pacific Water Conditioning Association, Inc. v. City Council of City of Riverside* (1977) 73 Cal.App.3d 546, 555-556.)

16. On June 22, 2022, in Sacramento, California, after due notice to the Department, the State Water Board conducted a public hearing to consider adoption of this time schedule order under Water Code section 13300 to establish a time schedule for the Department to comply with identified TMDL requirements.

IT IS HEREBY ORDERED that, pursuant to Water Code section 13267, 13268, 13300, and 13383 in order to ensure compliance with the TMDL requirements of Order 2022-0033-DWQ, NPDES Permit CAS000003, the Department shall comply with the following time schedule, requirements, and milestones. Compliance schedule milestones are included in this time schedule order and are summarized in the Compliance Schedule/Milestones Table, below.

The State Water Board does not intend to take an enforcement action for violations of TMDL requirements in Attachment D of Order 2022-0033-DWQ if the Department remains in compliance with the requirements in this time schedule order.

COMPLIANCE SCHEDULE

The following compliance schedule sets forth actions that the Department shall take to demonstrate compliance with the TMDLs listed in Table TSO-1. The compliance schedule includes TMDL interim milestones for the Department to maintain scheduled compliance progress. The TMDL interim milestones are actions to be completed during progressive stages during the compliance schedule, with the requirement for the Department to demonstrate its progress towards compliance with all the TMDLs listed in Table TSO-1.

The Department shall implement the following four-year TMDL interim milestones to track the rate of compliance with waste load allocations, calculated from the following formula:

(63 TMDLs) / (Year 2034 – Year 202X) = Average Annual Rate of Compliance
4-Year Interim Average Milestone Compliance Rate = Annual Rate of Compliance x 4
years

Where "X" in the formula is the second year after the Adoption Date of this time schedule order.

The Department may comply with the above milestones by quantifying the percentage of required waste load reduction achieved for individual TMDLs, subject to approval of a method for quantifying the waste load reduction submitted with the Department's TMDL Compliance Plan. Therefore, for example, if the Department achieves fifty percent of the required waste load reduction each for two TMDLs, the Department would have achieved the equivalent of full required waste load reduction for one TMDL. Achievement of excess waste load reduction for a particular TMDL shall not be credited toward required waste load reduction for another TMDL.

If the Department is unable to meet the average annual rate of compliance in a year, the Department must ensure that the subsequent annual rates of compliance are increased to comply with the 4-year interim average milestone compliance rate.

Compliance Schedule / Milestones Table

| Milestone | Compliance Date |
|---|--|
| TMDL compliance per 4-year TMDL interim average milestones compliance rate | 4-year average TMDL milestone compliance rates as calculated from above formula for the 63 TMDLs listed in Table TSO-1 |
| TMDL Compliance Plan | Within 12 months of the Adoption Date of Order 2022-0033-DWQ |
| Annual Coordination Meeting with State and Regional Water Board representatives to discuss compliance progress with compliance schedule | By March 1 – Annually |
| Annual TMDL Status Report | By July 1 – Annually |
| Compliance with all TMDL deadlines identified in Table TSO-1 | By December 31, 2034 |
| Final TMDL Compliance Report | By June 30, 2035 |

1. TOTAL MAXIMUM DAILY LOAD (TMDL) COMPLIANCE PLAN

Order 2022-0033-DWQ requires the Department to develop, submit, implement, and annually update a TMDL Compliance Plan that provides the Department's strategies to comply with TMDL requirements by the final compliance date of this time schedule order. The Department's TMDL Compliance Plan, and subsequent updates, must address the requirements of Order 2022-0033-DWQ and of this time schedule order. The Department shall submit the TMDL Compliance Plan, and subsequent updates, for review and consideration of approval by the State Water Board Executive Director. The State Water Board will provide a minimum 30-day public comment period prior to consideration of approval of the proposed TMDL Compliance Plan, and/or updates thereof.

Upon approval of the TMDL Compliance Plan and subsequent updates, the Department shall immediately implement all terms and provisions of the approved updated Plan to comply with the interim and final compliance dates in this time schedule order.

If the Department does not comply with the requirement for a TMDL Compliance Plan with a complete and timely TMDL Compliance Plan, this Time Schedule Order may be reopened to include immediate detailed implementation requirements for the Department to comply with the TMDLs listed in Table TSO-1.

The TMDL Compliance Plan shall address the items listed in sections 1.1 through 1.3, and section 4 of this time schedule order.

1.1 Due Date

Within 12 months of the Adoption Date of Order 2022-0033-DWQ, the Department shall submit a complete TMDL Compliance Plan for review and consideration of approval by the State Water Board Executive Director.

1.2 Compliance Strategy for Each TMDL

In its TMDL Compliance Plan, for each TMDL listed in Table TSO-1 below, the Department shall provide detailed planning elements for compliance with provisions in Attachment D, section D3.3, of Order 2022-0033-DWQ, and a compliance strategy per provisions in section D3.3.10.

1.3 Additional Required Information for TMDL Compliance Plan

The Department shall follow the requirements outlined in Attachment D of Order 2022-0033-DWQ describing information required in its TMDL Compliance Plan.

2. ANNUAL TMDL COMPLIANCE STATUS REPORT

The Department shall comply with the Annual TMDL Compliance Status Report requirements in Attachment D of Order 2022-0033-DWQ.

3. REGION-SPECIFIC REPORTS

- Prior to project implementation of cooperative agreements or other agreement mechanisms (e.g., regional, task force, local, watershed, tribal, and Regional Water Board project agreements) the Department shall submit its selected project for review and consideration of approval to the applicable Regional Water Board Executive Officer, or designee.
- The Department shall submit proposed North Coast Water Board sediment and temperature TMDL-related projects for review and consideration of approval by the North Coast Water Board Executive Officer.

4. FINAL COMPLIANCE AND FINAL TMDL COMPLIANCE REPORT

By December 31, 2034, the Department shall be in compliance with all TMDLs listed in Table TSO-1 of this time schedule order.

By June 30, 2035, the Department shall submit a Final TMDL Compliance Report. The Final TMDL Compliance Report shall include, at minimum, the following information for each TMDL listed in Table TSO-1:

- 1. A description of the work implemented to meet the TMDL waste load allocations.
- 2. A spreadsheet of tabulated data with the following information:
 - a. TMDL name;
 - b. Watershed or reach name;

- c. Individual pollutant or pollutant category;
- d. Implemented best management practices with installation dates;
- e. Cooperative agreement/project information (including requirements in Order 2012-0011-DWQ), lead agency, stakeholders, and agreement start date;
- f. Selected strategy for demonstrating TMDL compliance using one or more of the eight strategies listed in section 1.2, above;
- g. Dates when the Department achieved compliance;
- h. Watershed acres;
- The Department's acres in the watershed;
- j. The Department's proportional responsibility or percentage of right-of-way in the watershed; and
- k. TMDL waste load and load allocations applicable to the Department.
- 3. Electronic Geographic Information System data maps including the following:
 - a. Locations of TMDL watersheds;
 - b. Individual pollutants or pollutant categories; and
 - c. Best management practices or cooperative agreements implemented.
- 4. Technical information for each best management practice and a description of the installed best management practices.
- 5. Description of the best management practices that treat multiple pollutants and the pollutants treated by them.
- 6. Identification of a TMDL waterbody in compliance, including a discussion with identification of all TMDL waterbodies (and waterbody reaches, as applicable) where the Department has demonstrated compliance with waste load allocations or load allocations.
- 7. Identification of a TMDL waterbody out of compliance, including a discussion and identification of all TMDL waterbodies (and waterbody reaches, as applicable) that are not in compliance with waste load or load allocations.
- 8. Appendices including an inclusion of modeling system, modeling software, and modeling input parameters and analysis.

5. REPORT SUBMITTALS

All reports required in this time schedule order shall be submitted to the State Water Resources Control Board, Storm Water Multiple Application and Report Tracking System (SMARTS) database.

If the Department fails to comply with the provisions of this time schedule order, the Executive Director may refer this matter to the Attorney General for judicial enforcement or may issue a complaint for administrative civil liability.

Failure to comply with a provision of this time schedule order may result in further action authorized by law for being out of compliance, including an enforcement action pursuant to Water Code section 13268, 13350, and 13385. The State Water Board reserves its right to take any enforcement actions authorized by law.

I, Eileen Sobeck, Executive Director, do hereby certify the foregoing is a full, true, and correct copy of a time schedule order adopted by the State Water Resources Control Board on June 22, 2022.

Eileen Sobeck
Executive Director

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| Regional Water Board | Total Maximum Daily Load Watershed | Total Maximum Daily Load | Final Compliance Deadline |
|-------------------------|---|---|---------------------------|
| North Coast | Albion River | Sediment | December 31, 2001 |
| North Coast | Big River | Sediment | December 31, 2001 |
| North Coast | Lower Eel River | Temperature and Sediment | December 18, 2007 |
| North Coast | Middle Fork Eel River | Temperature and Sediment | December 2003 |
| North Coast | South Fork Eel River | Temperature and Sediment | December 16, 1999 |
| North Coast | Upper Main Eel River and tributaries, including Tomki Creek, Outlet Creek, and Lake Pillsbury | Temperature and Sediment | December 29, 2004 |
| North Coast | Garcia River | Sediment | March 16, 1998 |
| North Coast | Gualala River | Sediment | November 29, 2001 |
| North Coast | Klamath River | Temperature | December 28, 2010 |
| North Coast | Lost River | Nitrogen, Biochemical Oxygen Demand, and pH | December 30, 2008 |
| North Coast | Mad River | Sediment and Turbidity | December 21, 2007 |
| North Coast | Navarro River | Sediment and Temperature | December 27, 2000 |
| North Coast | Noyo River | Sediment | December 16, 1999 |

| Regional Water Board | Total Maximum Daily Load Watershed | Total Maximum Daily Load | Final Compliance Deadline |
|-------------------------|--|---|---------------------------|
| North Coast | Redwood Creek | Sediment | December 30, 1998 |
| North Coast | Shasta River | Temperature | December 26, 2017 |
| North Coast | Ten Mile River | Sediment | December 31, 2000 |
| North Coast | Trinity River | Sediment | December 20, 2001 |
| North Coast | South Fork Trinity River and Hayfork Creek | Sediment | December 1998 |
| North Coast | Van Duzen River and Yager Creek | Sediment | December 16, 1999 |
| Los Angeles | Ballona Creek | Metals (Silver, Cadmium, Copper, Lead, Zinc, and Selenium) | January 11, 2021 |
| Los Angeles | Ballona Creek | Trash | September 30, 2015 |
| Los Angeles | Ballona Creek, Ballona Estuary, and Sepulveda Channel | Bacteria | July 15, 2021 |
| Los Angeles | Ballona Creek Estuary | Toxic Pollutants: Silver, Cadmium, Copper, Lead, Zinc, Chlordane, Polychlorinated Biphenyls, Polyaromatic Hydrocarbons, and Dichlorodiphenyltrichloroethane | July 11, 2025 |
| Los Angeles | Ballona Creek Wetlands | Sediment and Invasive Exotic Vegetation | March 26, 2012 |

| Regional Water Board | Total Maximum Daily Load Watershed | Total Maximum Daily Load | Final Compliance Deadline |
|-------------------------|---|--|---------------------------|
| Los Angeles | Calleguas Creeks and its Tributaries and Mugu Lagoon | Metals and Selenium | March 26, 2022 |
| Los Angeles | Calleguas Creeks, its Tributaries and Mugu Lagoon | Organochlorine Pesticides, Polychlorinated Biphenyls, and Siltation | March 24, 2026 |
| Los Angeles | Colorado Lagoon | Organochlorine Pesticides, Polychlorinated Biphenyls, Sediment Toxicity, Polynuclear Aromatic Hydrocarbons, and Metals | July 28, 2018 |
| Los Angeles | Los Angeles Area Lakes (Echo Park Lake) | Trash | March 26, 2012 |
| Los Angeles | Los Angeles Area Lakes (Echo Park Lake) | Total Nitrogen and Total Phosphorus | March 26, 2012 |
| Los Angeles | Los Angeles Area Lakes (Echo Park Lake) | Chlordane, Dichlorodiphenyltrichloroethane, Dieldrin, and Polychlorinated Biphenyls | March 26, 2012 |
| Los Angeles | Los Angeles Area Lakes (Legg Lake) | Trash | March 26, 2016 |
| Los Angeles | Los Angeles Area Lakes (Lake Sherwood) | Mercury | March 26, 2012 |
| Los Angeles | Los Angeles Area Lakes (North, Center, and Legg Lake) | Nitrogen and Phosphorus | March 26, 2012 |
| Los Angeles | Los Angeles Area Lakes (North, Center, and Legg Lake) | Chlordane, Dichlorodiphenyltrichloroethane, Dieldrin, Polychlorinated Biphenyls | March 26, 2012 |

| Regional Water Board | Total Maximum Daily Load Watershed | Total Maximum Daily Load | Final Compliance Deadline |
|-------------------------|---|---|---------------------------|
| Los Angeles | Los Angeles Area Lakes (Peck Road Park Lake) | Nitrogen and Phosphorus | March 26, 2012 |
| Los Angeles | Los Angeles Area Lakes (Peck Road Park Lake) | Chlordane, Dichlorodiphenyltrichloroethane, Dieldrin, and Polychlorinated Biphenyls | March 26, 2012 |
| Los Angeles | Los Angeles Area Lakes (Peck Road Park Lake) | Trash | March 26, 2012 |
| Los Angeles | Los Angeles Area Lakes (Puddingstone Reservoir) | Nitrogen and Phosphorus | March 26, 2012 |
| Los Angeles | Los Angeles Area Lakes (Puddingstone Reservoir) | Chlordane, Dichlorodiphenyltrichloroethane, Polychlorinated Biphenyls, Mercury, and Dieldrin | March 26, 2012 |
| Los Angeles | Los Angeles River | Trash | September 30, 2014 |
| Los Angeles | Los Angeles River and Tributaries | Metals | January 11, 2028 |
| Los Angeles | Los Cerritos Channel | Metals | March 17, 2010 |
| Los Angeles | Machado Lake | Eutrophic Algae, Ammonia, and Odors | September 11, 2018 |
| Los Angeles | Machado Lake | Pesticides and Polychlorinated Biphenyls | September 30, 2019 |
| Los Angeles | Machado Lake | Trash | March 6, 2016 |

| Regional Water Board | Total Maximum Daily Load Watershed | Total Maximum Daily Load | Final Compliance Deadline |
|-------------------------|---|--|---------------------------|
| Los Angeles | Malibu Creek and Lagoon | Sedimentation and Nutrients | July 2, 2013 |
| Los Angeles | Malibu Creek Watershed | Bacteria | July 15, 2021 |
| Los Angeles | Malibu Creek Watershed | Trash | July 7, 2017 |
| Los Angeles | Marina del Rey Harbor | Toxic Pollutants: Copper, Lead, Zinc, Chlordane, and Total Polychlorinated Biphenyls | March 16, 2021 |
| Los Angeles | Marina del Rey Harbor, Mothers' Beach, and Back Basins | Bacteria | July 15, 2021 |
| Los Angeles | Revolon Slough and Beardsley Wash | Trash | February 27, 2016 |
| Los Angeles | Santa Clara River Estuary and Reaches 3,5,6,7 | Indicator Bacteria | January 19, 2029 |
| Los Angeles | San Gabriel River and Impaired Tributaries | Metals (Copper, Lead, Zinc) and Selenium | September 30, 2026 |
| Los Angeles | Santa Monica Bay | Dichlorodiphenyltrichloroethane and Polychlorinated Biphenyls | March 26, 2012 |
| Los Angeles | Santa Monica Bay Beaches | Bacteria | July 15, 2021 |
| Los Angeles | Santa Monica Bay Nearshore and Offshore | Debris (Trash & Plastic Pellets) | March 12, 2028 |
| Los Angeles | Ventura River Estuary | Trash | February 27, 2016 |

| Regional Water Board | Total Maximum Daily Load Watershed | Total Maximum Daily Load | Final Compliance Deadline |
|-------------------------|------------------------------------|---|---------------------------|
| Los Angeles | Ventura River and its Tributaries | Algae, Eutrophic Conditions, and Nutrients | June 28, 2019 |
| Santa Ana | Lake Elsinore and Canyon Lake | Nutrients | December 31, 2020 |
| Santa Ana | Big Bear Lake | Nutrients | December 31, 2015 |
| Santa Ana | San Diego Creek Watershed | Organochlorine Compounds: Dichlorodiphenyltrichloroethane and Toxaphene | November 12, 2013 |
| Santa Ana | Upper and Lower Newport Bay | Organochlorine Compounds: Dichlorodiphenyltrichloroethane, Chlordane, and Polychlorinated Biphenyls | November 12, 2013 |
| San Diego | Rainbow Creek | Total nitrogen and total phosphorous | December 31, 2021 |