DRAFT ATTACHMENT H

TOTAL MAXIMUM DAILY LOAD IMPLEMENTATION REQUIREMENTS APPLICABLE TO CONSTRUCTION STORMWATER DISCHARGES

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT FOR STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITIES (GENERAL PERMIT)

The following table contains a list of existing Total Maximum Daily Loads (TMDLs) that are identified as applicable to construction stormwater dischargers covered under this General Permit. The listed TMDLs were adopted by a Regional Water Quality Control Board or established by the U.S. EPA prior to the adoption date of this General Permit. This General Permit may be reopened to amend TMDL-specific permit requirements in this Attachment H, or to incorporate new TMDLs adopted during the term of this General Permit that include requirements applicable to dischargers regulated by this General Permit.

Table H-1: List of Applicable TMDLs

<table>
<thead>
<tr>
<th>TMDL</th>
<th>Pollutant</th>
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<tbody>
<tr>
<td>Albion River Sediment TMDL</td>
<td>Sediment</td>
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<tr>
<td>Big River Sediment TMDL</td>
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<tr>
<td>Eel River – Lower Main Sediment TMDL</td>
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</tr>
<tr>
<td>Eel River – Lower Main Temperature TMDL</td>
<td>Temperature</td>
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<td>Eel River – Middle Fork Sediment TMDL</td>
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<td>Eel River – Middle Main Sediment TMDL</td>
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<td>Sediment</td>
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<tr>
<td>Eel River – Upper Main Sediment TMDL</td>
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<td>Eel River – Upper Main Sediment TMDL</td>
<td>Temperature</td>
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<td>TMDL</td>
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<tr>
<td>Gualala River Sediment TMDL</td>
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<td>Mad River Sediment TMDL</td>
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<td>Ten Mile River Sediment TMDL</td>
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<td>Trinity River Sediment TMDL</td>
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<td>Van Duzen River Sediment TMDL</td>
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**San Francisco Bay Regional Water Quality Control Board (Region 2)**

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<th>TMDL</th>
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<td>Napa River Sediment TMDL</td>
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<td>Sonoma Creek Sediment TMDL</td>
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<td>Lagunitas Creek Sediment TMDL</td>
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<td>Pescadero and Butano Creek Sediment TMDL</td>
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**Central Coast Regional Water Quality Control Board (Region 3)**

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<th>TMDL</th>
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<tr>
<td>Pajaro River Nutrients TMDL</td>
<td>Nitrogen Compounds and Orthophosphate</td>
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<tr>
<td>San Lorenzo River Siltation TMDL</td>
<td>Sediment</td>
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**Los Angeles Regional Water Quality Control Board (Region 4)**

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<td>Ballona Creek, Ballona Estuary and Sepulveda Channel Bacteria TMDL</td>
<td>Bacteria</td>
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<tr>
<td>Ballona Creek Metals TMDL</td>
<td>Metals</td>
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<tr>
<td>Ballona Creek Estuary Toxics TMDL</td>
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<tr>
<td>Calleguas Creek Watershed Salts TMDL</td>
<td>Salts (Boron, Chloride, Sulfate, TDS)</td>
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<tr>
<td>Calleguas Creek Watershed Metals and Selenium TMDL</td>
<td>Metals and Selenium</td>
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<tr>
<td>Calleguas Creek Watershed OC Pesticides and PCBs TMDL</td>
<td>Organochlorine Pesticides and PCBs</td>
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<tr>
<td>Colorado Lagoon Toxics TMDL</td>
<td>Metals, Organochlorine Pesticides, PAHs, PCBs, and Sediment Toxicity</td>
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<td>Harbor Beaches of Ventura County Bacteria TMDL</td>
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<tr>
<td>Los Angeles Area Lakes TMDLs</td>
<td>Mercury, Nitrogen, Organochlorine Pesticides, PCBs, and Phosphorus</td>
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<tr>
<td>Long Beach City Beaches and Los Angeles River Estuary Bacteria TMDL</td>
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<td>Los Angeles and Long Beach Harbor Waters TMDL</td>
<td>Metals and Toxics</td>
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<td>Los Angeles Harbor Bacteria TMDL</td>
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<td>Los Angeles River Metals TMDL</td>
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<td>Los Angeles River Nutrients TMDL</td>
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<td>Los Cerritos Channel Metals TMDL</td>
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<td>Machado Lake Nutrients TMDL</td>
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<td>Machado Lake Toxics TMDL</td>
<td>PCBs and Pesticides</td>
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<td>Malibu Creek Bacteria TMDL</td>
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<td>Marina Del Rey Harbor Toxics TMDL</td>
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<tr>
<td>Oxnard Drain No. 3 TMDL</td>
<td>PCBs, Pesticides, and Sediment Toxicity</td>
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<tr>
<td>San Gabriel River Metals and Selenium TMDL</td>
<td>Metals and Selenium</td>
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<td>Santa Clara River Bacteria TMDL</td>
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<td>Santa Clara River Nutrients TMDL</td>
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<td>Santa Clara River Reach 3 Chloride TMDL</td>
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<td>Santa Monica Bay DDTs and PCBs TMDL</td>
<td>DDTs and PCBs</td>
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<td>Upper Santa Clara River Chloride TMDL</td>
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<td>Ventura River Nutrients TMDL</td>
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**Lahontan Regional Water Quality Control Board (Region 6)**

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<th>TMDL</th>
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<tbody>
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<td>Squaw Creek Sediment TMDL</td>
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<td>Truckee River Sediment TMDL</td>
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Santa Ana Regional Water Quality Control Board (Region 8)

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<tr>
<td>San Diego Creek and Newport Bay Organochlorine Compounds TMDL</td>
<td>Organochlorine Compounds</td>
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<td>San Diego Creek and Newport Bay Nutrients TMDL</td>
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<td>San Diego Creek and Newport Bay Sediment TMDL</td>
<td>Sediment</td>
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<tr>
<td>San Diego Creek and Newport Bay Toxics TMDL</td>
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San Diego Regional Water Quality Control Board (Region 9)

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<td>Chollas Creek Metals TMDL</td>
<td>Metals</td>
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<tr>
<td>Los Peñasquitos Lagoon Sediment TMDL</td>
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### Table H-2: Compliance Table for TMDL Implementation Requirements

North Coast Regional Water Quality Control Board (Region 1)¹, ²

<table>
<thead>
<tr>
<th>TMDL</th>
<th>Applicable Water Body/Watershed</th>
<th>Pollutants</th>
<th>Additional TMDL-Related Numeric Action Level(s) or Numeric Effluent Limitation(s) (NAL/NEL)</th>
<th>Compliance Actions</th>
<th>Compliance Deadline</th>
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<tbody>
<tr>
<td>Albion River Sediment TMDL</td>
<td>Albion River Watershed</td>
<td>Sediment</td>
<td>None</td>
<td>Comply with General Permit and the additional Sediment TMDL Requirements in Section I.E.2 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
<tr>
<td>Big River Sediment TMDL</td>
<td>Big River Watershed</td>
<td>Sediment</td>
<td>None</td>
<td>Comply with General Permit and the additional Sediment TMDL Requirements in Section I.E.2 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
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<tr>
<td>Eel River – Lower Main Sediment TMDL</td>
<td>Lower Eel River Watershed</td>
<td>Sediment</td>
<td>None</td>
<td>Comply with General Permit and the additional Sediment TMDL Requirements in Section I.E.2 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
</tbody>
</table>

¹ Some of the TMDLs did not specifically state total concentrations for the constituents. Unless otherwise stated in Attachment H Table H-2, the pollutant should be reported in total concentrations.

² Responsible Dischargers shall comply with the applicable TMDL-specific requirements by, and after, the date listed in the Compliance Deadline column.
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<th>TMDL</th>
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<tbody>
<tr>
<td>Eel River – Lower Main Temperature TMDL</td>
<td>Lower Eel River Watershed</td>
<td>Temperature</td>
<td>None</td>
<td>Comply with General Permit</td>
<td>XXXXX XX, 202x [Effective Date of this General Permit]</td>
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<tr>
<td>Eel River – Middle Fork Sediment TMDL</td>
<td>Middle Fork Eel River Watershed</td>
<td>Sediment</td>
<td>None</td>
<td>Comply with General Permit and the additional Sediment TMDL Requirements in Section I.E.2 below.</td>
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<td>Eel River – Middle Main Sediment TMDL</td>
<td>Middle Main Eel River Watershed</td>
<td>Sediment</td>
<td>None</td>
<td>Comply with General Permit and the additional Sediment TMDL Requirements in Section I.E.2 below.</td>
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<td>Eel River – Middle Main Temperature TMDL</td>
<td>Middle Main Eel River Watershed</td>
<td>Temperature</td>
<td>None</td>
<td>Comply with General Permit</td>
<td>XXXXX XX, 202x [Effective Date of this General Permit]</td>
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<td>Eel River – North Fork Sediment TMDL</td>
<td>North Fork Eel River Watershed</td>
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<td>Comply with General Permit and the additional Sediment TMDL Requirements in Section I.E.2 below.</td>
<td>XXXXX XX, 202x [Effective Date of this General Permit]</td>
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<tr>
<td>Eel River – North Fork Temperature TMDL</td>
<td>North Fork Eel River Watershed</td>
<td>Temperature</td>
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<td>Comply with General Permit</td>
<td>XXXXX XX, 202X</td>
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<td>Eel River – Upper Main Sediment TMDL</td>
<td>Upper Eel River Watershed</td>
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<td>None</td>
<td>Comply with General Permit and the additional Sediment TMDL Requirements in Section I.E.2 below.</td>
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<tr>
<td>Eel River – Upper Main Temperature TMDL</td>
<td>Upper Eel River Watershed</td>
<td>Temperature</td>
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<td>South Fork Eel River Watershed</td>
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<tr>
<td>TMDL</td>
<td>Applicable Water Body/ Watershed</td>
<td>Pollutants</td>
<td>Additional TMDL-Related Numeric Action Level(s) or Numeric Effluent Limitation(s) (NAL/NEL)</td>
<td>Compliance Actions</td>
<td>Compliance Deadline</td>
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<td>Mad River Sediment TMDL</td>
<td>Mad River Watershed</td>
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<td>Mattole River Watershed</td>
<td>Sediment</td>
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<td>Mattole River Temperature TMDL</td>
<td>Mattole River Watershed</td>
<td>Temperature</td>
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<td>Comply with General Permit</td>
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<td>Navarro River Sediment TMDL</td>
<td>Navarre River Watershed</td>
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<td>Navarre River Watershed</td>
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<td>Noyo River Sediment TMDL</td>
<td>Noyo River Watershed</td>
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<td>Comply with General Permit and the additional Sediment TMDL Requirements in Section I.E.2 below.</td>
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<td>Scott River Sediment TMDL</td>
<td>Scott River Watershed</td>
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<td>Scott River Temperature TMDL</td>
<td>Scott River Watershed</td>
<td>Temperature</td>
<td>None</td>
<td>Comply with General Permit</td>
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<td>Ten Mile River Watershed</td>
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<td>Trinity River Watershed</td>
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<td>Van Duzen River Sediment TMDL</td>
<td>Van Duzen River Watershed</td>
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<td>Comply with General Permit and the additional Sediment TMDL Requirements in Section I.E.2 below.</td>
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## San Francisco Bay Regional Water Quality Control Board (Region 2)\textsuperscript{3,4}

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<td>Pescadero-Butano Watershed</td>
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### Central Coast Regional Water Quality Control Board (Region 3) 5, 6

<table>
<thead>
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<th>TMDL</th>
<th>Applicable Water Body/Watershed</th>
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<th>Compliance Actions</th>
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</thead>
<tbody>
<tr>
<td>Pajaro River Nutrients TMDL</td>
<td>Pajaro River Watershed</td>
<td>Un-ionized Ammonia</td>
<td>NAL of 0.025 mg/L</td>
<td>Comply with General Permit and the additional Nutrients TMDL Requirements in Section I.D.3 below.</td>
<td>July 12, 2041</td>
</tr>
<tr>
<td>Pajaro River Nutrients TMDL</td>
<td>Pajaro River Watershed Streams with MUN Beneficial Use</td>
<td>Nitrate-Nitrogen</td>
<td>NAL of 10.0 mg/L</td>
<td>Comply with General Permit and the additional Nutrients TMDL Requirements in Section I.D.3 below.</td>
<td>July 12, 2041</td>
</tr>
<tr>
<td>Pajaro River and Pajaro River Estuary</td>
<td>Corralitos Creek and Salsipuedes Creek Beach Road Ditch and McGowan Ditch</td>
<td>Nitrate-Nitrogen</td>
<td>NAL of 8.0 mg/L</td>
<td>Comply with General Permit and the additional Nutrients TMDL Requirements in Section I.D.3 below.</td>
<td>July 12, 2041</td>
</tr>
</tbody>
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5 Some of the TMDLs did not specifically state total concentrations for the constituents. Unless otherwise stated in Attachment H Table H-2, the pollutant should be reported in total concentrations.

6 Responsible Dischargers shall comply with the applicable TMDL-specific requirements by, and after, the date listed in the Compliance Deadline column.
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<th>TMDL</th>
<th>Applicable Water Body/Watershed</th>
<th>Pollutants</th>
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</thead>
<tbody>
<tr>
<td>Pajaro River Nutrients TMDL</td>
<td>Pajaro River and Pajaro River Estuary, Corralitos Creek and Salsipuedes Creek, Beach Road Ditch and McGowan Ditch</td>
<td>Orthophosphate-Phosphorus</td>
<td>NAL of 0.3 mg/L</td>
<td>Comply with General Permit and the additional Nutrients TMDL Requirements in Section I.D.3 below.</td>
<td>July 12, 2041</td>
</tr>
<tr>
<td>TMDL</td>
<td>Applicable Water Body/Watershed</td>
<td>Pollutants</td>
<td>Additional TMDL-Related Numeric Action Level(s) or Numeric Effluent Limitation(s) (NAL/NEL)</td>
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</tr>
<tr>
<td>Pajaro River Nutrients TMDL</td>
<td>Llagas Creek (Downstream of Cheseboro Reservoir), Carnadero Creek, Uvas Creek, and Furlong Creek, San Juan Creek and West Branch of San Juan Creek, Tequisquita Slough, Watsonville Slough, Harkins Slough, Gallighan Slough, and Struve Slough, Millers Canal</td>
<td>Nitrate-Nitrogen</td>
<td>NAL of 8.0 mg/L</td>
<td>Comply with General Permit and the additional Nutrients TMDL Requirements in Section I.D.3 below.</td>
<td>July 12, 2041</td>
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<tr>
<td>TMDL</td>
<td>Applicable Water Body/Watershed</td>
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<tr>
<td><strong>Pajaro River Nutrients TMDL</strong></td>
<td>Llagas Creek (Downstream of Cheseboro Reservoir), Carnadero Creek, Uvas Creek, and Furlong Creek</td>
<td>Orthophosphate-Phosphorus</td>
<td>NAL of 0.3 mg/L</td>
<td>Comply with General Permit and the additional Nutrients TMDL Requirements in Section I.D.3 below.</td>
<td>July 12, 2041</td>
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<tr>
<td></td>
<td>San Juan Creek and West Branch of San Juan Creek</td>
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<tr>
<td></td>
<td>Tequisquita Slough</td>
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<tr>
<td></td>
<td>Watsonville Slough, Harkins Slough, Gallighan Slough, and Struve Slough</td>
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<tr>
<td></td>
<td>Millers Canal</td>
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<tr>
<td><strong>San Lorenzo River Siltation TMDL</strong></td>
<td>San Lorenzo River Watershed</td>
<td>Sediment</td>
<td>None</td>
<td>Comply with General Permit</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
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<td>TMDL</td>
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<tr>
<td>Ballona Creek, Ballona Estuary, and Sepulveda Channel Bacteria TMDL</td>
<td>Ballona Creek</td>
<td>E. coli, Fecal Coliform</td>
<td>None</td>
<td>Comply with General Permit and the additional Bacteria TMDL Requirements in Section I.A below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
<tr>
<td>Ballona Creek, Ballona Estuary, and Sepulveda Channel Bacteria TMDL</td>
<td>Ballona Estuary</td>
<td>Enterococcus, Fecal Coliform, Total Coliform</td>
<td>None</td>
<td>Comply with General Permit and the additional Bacteria TMDL Requirements in Section I.A below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
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<tr>
<td>Ballona Creek, Ballona Estuary, and Sepulveda Channel Bacteria TMDL</td>
<td>Sepulveda Channel</td>
<td>E. coli</td>
<td>None</td>
<td>Comply with General Permit and the additional Bacteria TMDL Requirements in Section I.A below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
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<tr>
<td>Ballona Creek Metals TMDL</td>
<td>Ballona Creek or Sepulveda Canyon Channel</td>
<td>Copper, Lead, and Zinc</td>
<td>None</td>
<td>Comply with General Permit and the additional Metals TMDL Requirements in Section I.G.2 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
<tr>
<td>Ballona Creek Estuary Toxics TMDL</td>
<td>Ballona Creek or Ballona Creek Estuary</td>
<td>Cadmium, Chlordane, Copper, DDT, Lead, PCBs, Silver, and Zinc</td>
<td>None</td>
<td>Comply with General Permit and the additional Metals TMDL Requirements in Section I.G.2 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
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<tr>
<td>Calleguas Creek Salts TMDL</td>
<td>Calleguas Creek Watershed</td>
<td>Boron, Chloride, Sulfate, and Total Dissolved Solids (TDS)</td>
<td>None</td>
<td>Comply with General Permit</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
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<tr>
<td>Calleguas Creek Watershed Metals and Selenium TMDL</td>
<td>Calleguas Creek or Conejo Creek</td>
<td>Total Copper</td>
<td>Interim NAL of 0.204 mg/L</td>
<td>Comply with General Permit and the additional Metals TMDL Requirements in Section I.G.3 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
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<td>Calleguas Creek Watershed Metals and Selenium TMDL</td>
<td>Calleguas Creek or Conejo Creek</td>
<td>Copper, Nickel, and Selenium</td>
<td>None</td>
<td>Comply with General Permit and the additional Metals TMDL Requirements in Section I.G.2 below.</td>
<td>March 27, 2022</td>
</tr>
<tr>
<td>TMDL</td>
<td>Applicable Water Body/Watershed</td>
<td>Pollutants</td>
<td>Additional TMDL-Related Numeric Action Level(s) or Numeric Effluent Limitation(s) (NAL/TEL)</td>
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</tr>
<tr>
<td>Calleguas Creek Watershed Metals and Selenium TMDL</td>
<td>Calleguas Creek or Conejo Creek</td>
<td>Mercury</td>
<td>None</td>
<td>Comply with General Permit and the additional Metals TMDL Requirements in Section I.G.2 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
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<tr>
<td>Calleguas Creek Watershed Metals and Selenium TMDL</td>
<td>Revolon Slough</td>
<td>Total Copper</td>
<td>Interim NAL of 0.204 mg/L</td>
<td>Comply with General Permit and the additional Metals TMDL Requirements in Section I.G.3 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
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<tr>
<td>Calleguas Creek Watershed Metals and Selenium TMDL</td>
<td>Revolon Slough</td>
<td>Copper, Nickel, and Selenium</td>
<td>None</td>
<td>Comply with General Permit and the additional Metals TMDL Requirements in Section I.G.2 below.</td>
<td>March 27, 2022</td>
</tr>
<tr>
<td>Calleguas Creek Watershed Metals and Selenium TMDL</td>
<td>Revolon Slough</td>
<td>Mercury</td>
<td>None</td>
<td>Comply with General Permit and the additional Metals TMDL Requirements in Section I.G.2 below.</td>
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<tr>
<td>Calleguas Creek Watershed Metals and Selenium TMDL</td>
<td>Calleguas Creek Watershed</td>
<td>Chlordane, 4,4-DDD, 4,4-DDE, 4,4-DDT, Dieldrin, PCBs, and Toxaphene</td>
<td>None</td>
<td>Comply with General Permit and the additional Toxics TMDL Requirements in Section I.G.2 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
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<td>TMDL</td>
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</tr>
<tr>
<td>Colorado Lagoon Toxics TMDL</td>
<td>Colorado Lagoon Watershed</td>
<td>Chlordane, Dieldrin, DDT, Lead, PAHs, PCBs, and Zinc</td>
<td>None</td>
<td>Comply with General Permit and the additional Toxics TMDL Requirements in Section I.G.2 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
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<tr>
<td>Harbor Beaches of Ventura County Bacteria TMDL</td>
<td>Kiddie and Hobie Beaches in the Channel Islands Harbor</td>
<td>Enterococcus, Fecal Coliform, Total Coliform</td>
<td>None</td>
<td>Comply with General Permit and the additional Bacteria TMDL Requirements in Section I.A below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
<tr>
<td>Long Beach City Beaches and Los Angeles River Estuary Bacteria TMDL</td>
<td>Long Beach City Beaches or Los Angeles River Estuary</td>
<td>Enterococcus, Fecal Coliform, Total Coliform</td>
<td>None</td>
<td>Comply with General Permit and the additional Bacteria TMDL Requirements in Section I.A below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
<tr>
<td>Los Angeles Area Lakes TMDL</td>
<td>Echo Park Lake</td>
<td>Total Nitrogen</td>
<td>NEL of 1.33 mg/L</td>
<td>Comply with General Permit and the additional Nutrients TMDL Requirements in Section I.D.4 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
<tr>
<td>Los Angeles Area Lakes TMDL</td>
<td>Echo Park Lake</td>
<td>Total Phosphorus</td>
<td>NEL of 0.16 mg/L</td>
<td>Comply with General Permit and the additional Nutrients TMDL Requirements in Section I.D.4 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
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<tr>
<td>Los Angeles Area Lakes TMDL</td>
<td>Echo Park Lake</td>
<td>Chlordane</td>
<td>NEL of $5.9 \times 10^{-7}$ mg/L</td>
<td>Comply with General Permit and the additional Toxics TMDL Requirements in Section I.G.4 below.</td>
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<tr>
<td>Los Angeles Area Lakes TMDL</td>
<td>Echo Park Lake</td>
<td>Dieldrin</td>
<td>NEL of $1.4 \times 10^{-7}$ mg/L</td>
<td>Comply with General Permit and the additional Toxics TMDL Requirements in Section I.G.4 below.</td>
<td>XXXXX XX, 202X [Effective Date of this General Permit]</td>
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<tr>
<td>Los Angeles Area Lakes TMDL</td>
<td>Echo Park Lake</td>
<td>Total PCBs</td>
<td>NEL of $1.7 \times 10^{-7}$ mg/L</td>
<td>Comply with General Permit and the additional Toxics TMDL Requirements in Section I.G.4 below.</td>
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<tr>
<td>Los Angeles Area Lakes TMDL</td>
<td>Legg Lakes</td>
<td>Total Nitrogen</td>
<td>NEL of 1.8 mg/L</td>
<td>Comply with General Permit and the additional Nutrients TMDL Requirements in Section I.D.4 below.</td>
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<tr>
<td>Los Angeles Area Lakes TMDL</td>
<td>Legg Lakes</td>
<td>Total Phosphorous</td>
<td>NEL of 0.64 mg/L</td>
<td>Comply with General Permit and the additional Nutrients TMDL Requirements in Section I.D.4 below.</td>
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<tr>
<td>Los Angeles Area Lakes TMDL</td>
<td>Peck Road Park Lake</td>
<td>Total Nitrogen</td>
<td>NEL of 3.61 mg/L</td>
<td>Comply with General Permit and the additional Nutrients TMDL Requirements in Section I.D.4 below.</td>
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<tr>
<td>Los Angeles Area Lakes TMDL</td>
<td>Peck Road Park Lake</td>
<td>Total Phosphorous</td>
<td>NEL of 0.37 mg/L</td>
<td>Comply with General Permit and the additional Nutrients TMDL Requirements in Section I.D.4 below.</td>
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<tr>
<td>Los Angeles Area Lakes TMDL</td>
<td>Peck Road Park Lake</td>
<td>Chlordane</td>
<td>NEL of 5.9 X 10^{-7} mg/L</td>
<td>Comply with General Permit and the additional Toxics TMDL Requirements in Section I.G.4 below.</td>
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<td>Los Angeles Area Lakes TMDL</td>
<td>Peck Road Park Lake</td>
<td>Dieldrin</td>
<td>NEL of 1.4 X 10^{-7} mg/L</td>
<td>Comply with General Permit and the additional Toxics TMDL Requirements in Section I.G.4 below.</td>
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<tr>
<td>Los Angeles Area Lakes TMDL</td>
<td>Peck Road Park Lake</td>
<td>Total DDTs</td>
<td>NEL of 5.9 X 10^{-7} mg/L</td>
<td>Comply with General Permit and the additional Toxics TMDL Requirements in Section I.G.4 below.</td>
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<tr>
<td>Los Angeles Area Lakes TMDL</td>
<td>Peck Road Park Lake</td>
<td>Total PCBs</td>
<td>NEL of $1.7 \times 10^{-7}$ mg/L</td>
<td>Comply with General Permit and the additional Toxics TMDL Requirements in Section I.G.4 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
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<tr>
<td>Los Angeles Area Lakes TMDL</td>
<td>Pudding-stone Reservoir</td>
<td>Total Nitrogen</td>
<td>NEL of $2.0$ mg/L</td>
<td>Comply with General Permit and the additional Nutrients TMDL Requirements in Section I.D.4 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
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<tr>
<td>Los Angeles Area Lakes TMDL</td>
<td>Pudding-stone Reservoir</td>
<td>Total Phosphorous</td>
<td>NEL of $0.4$ mg/L</td>
<td>Comply with General Permit and the additional Nutrients TMDL Requirements in Section I.D.4 below.</td>
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<tr>
<td>Los Angeles Area Lakes TMDL</td>
<td>Pudding-stone Reservoir</td>
<td>Chlordane</td>
<td>NEL of $5.7 \times 10^{-7}$ mg/L</td>
<td>Comply with General Permit and the additional Toxics TMDL Requirements in Section I.G.4 below.</td>
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<tr>
<td>Los Angeles Area Lakes TMDL</td>
<td>Pudding-stone Reservoir</td>
<td>Dieldrin</td>
<td>NEL of $1.4 \times 10^{-7}$ mg/L</td>
<td>Comply with General Permit and the additional Toxics TMDL Requirements in Section I.G.4 below.</td>
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<tr>
<td>Los Angeles Area Lakes TMDL</td>
<td>Puddingstone Reservoir</td>
<td>Total DDTs</td>
<td>NEL of $5.9 \times 10^{-7}$ mg/L</td>
<td>Comply with General Permit and the additional Toxics TMDL Requirements in Section I.G.4 below.</td>
<td>XXXX XX, 202X</td>
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<tr>
<td>Los Angeles Area Lakes TMDL</td>
<td>Puddingstone Reservoir</td>
<td>Total PCBs</td>
<td>NEL of $1.7 \times 10^{-7}$ mg/L</td>
<td>Comply with General Permit and the additional Toxics TMDL Requirements in Section I.G.4 below.</td>
<td>XXXX XX, 202X</td>
</tr>
<tr>
<td>Los Angeles and Long Beach Harbor Waters TMDL</td>
<td>Dominguez Channel or Torrance Lateral</td>
<td>Total Copper</td>
<td>Interim NAL of 0.20751 mg/L</td>
<td>Comply with General Permit and the additional Metals TMDL Requirements in Section I.G.3 below.</td>
<td>XXXX XX, 202X</td>
</tr>
<tr>
<td>Los Angeles and Long Beach Harbor Waters TMDL</td>
<td>Dominguez Channel or Torrance Lateral</td>
<td>Total Lead</td>
<td>Interim NAL of 0.12288 mg/L</td>
<td>Comply with General Permit and the additional Metals TMDL Requirements in Section I.G.3 below.</td>
<td>XXXX XX, 202X</td>
</tr>
<tr>
<td>Los Angeles and Long Beach Harbor Waters TMDL</td>
<td>Dominguez Channel or Torrance Lateral</td>
<td>Total Zinc</td>
<td>Interim NAL of 0.89887 mg/L</td>
<td>Comply with General Permit and the additional Metals TMDL Requirements in Section I.G.3 below.</td>
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<tr>
<td>Los Angeles and Long Beach Harbor Waters TMDL</td>
<td>Dominguez Channel or Torrance Lateral</td>
<td>Total Copper</td>
<td>Final NEL of 0.0097mg/L</td>
<td>Comply with General Permit and the additional Metals TMDL Requirements in Section I.G.4 below.</td>
<td>March 23, 2032</td>
</tr>
<tr>
<td>Los Angeles and Long Beach Harbor Waters TMDL</td>
<td>Dominguez Channel or Torrance Lateral</td>
<td>Total Lead</td>
<td>Final NEL of 0.0427 mg/L</td>
<td>Comply with General Permit and the additional Metals TMDL Requirements in Section I.G.4 below.</td>
<td>March 23, 2032</td>
</tr>
<tr>
<td>Los Angeles and Long Beach Harbor Waters TMDL</td>
<td>Dominguez Channel or Torrance Lateral</td>
<td>Total Zinc</td>
<td>Final NEL of 0.0697 mg/L</td>
<td>Comply with General Permit and the additional Metals TMDL Requirements in Section I.G.4 below.</td>
<td>March 23, 2032</td>
</tr>
<tr>
<td>TMDL</td>
<td>Applicable Water Body/ Watershed</td>
<td>Pollutants</td>
<td>Additional TMDL-Related Numeric Action Level(s) or Numeric Effluent Limitation(s) (NAL/NEL)</td>
<td>Compliance Actions</td>
<td>Compliance Deadline</td>
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<tr>
<td>Los Angeles and Long Beach Harbor Waters TMDL</td>
<td>Dominguez Channel Estuary and Greater Los Angeles/ Long Beach Harbor Waters including: Inner and Outer Harbor Main Channel Southwest Slip Cabrillo Marina Inner Cabrillo Beach Los Angeles River Estuary, San Pedro Bay</td>
<td>Copper, DDT, Lead, PAHs, PCBs, and Zinc None</td>
<td>Comply with General Permit and the additional Toxics TMDL Requirements in Section I.G.2 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
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<tr>
<td>TMDL</td>
<td>Applicable Water Body/Watershed</td>
<td>Pollutants</td>
<td>Additional TMDL-Related Numeric Action Level(s) or Numeric Effluent Limitation(s) (NAL/NEL)</td>
<td>Compliance Actions</td>
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<tr>
<td>Los Angeles and Long Beach Harbor Waters TMDL</td>
<td>Dominguez Channel Estuary</td>
<td>4,4-DDT</td>
<td>Final NAL of $5.9 \times 10^{-7}$ mg/L</td>
<td>Comply with General Permit and the additional Metals and Toxics TMDL Requirements in Section I.G.3 below.</td>
<td>March 23, 2032</td>
</tr>
<tr>
<td>Los Angeles and Long Beach Harbor Waters TMDL</td>
<td>Dominguez Channel Estuary</td>
<td>Chlordane</td>
<td>Final NAL of $5.9 \times 10^{-7}$ mg/L</td>
<td>Comply with General Permit and the additional Metals and Toxics TMDL Requirements in Section I.G.3 below.</td>
<td>March 23, 2032</td>
</tr>
<tr>
<td>Los Angeles and Long Beach Harbor Waters TMDL</td>
<td>Dominguez Channel Estuary</td>
<td>Dieldrin</td>
<td>Final NAL of $1.4 \times 10^{-7}$ mg/L</td>
<td>Comply with General Permit and the additional Metals and Toxics TMDL Requirements in Section I.G.3 below.</td>
<td>March 23, 2032</td>
</tr>
<tr>
<td>Los Angeles and Long Beach Harbor Waters TMDL</td>
<td>Dominguez Channel Estuary</td>
<td>Total Copper</td>
<td>Final NAL of 0.0058 mg/L</td>
<td>Comply with General Permit and the additional Metals and Toxics TMDL Requirements in Section I.G.3 below.</td>
<td>March 23, 2032</td>
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<tr>
<td>TMDL</td>
<td>Applicable Water Body/Watershed</td>
<td>Pollutants</td>
<td>Additional TMDL-Related Numeric Action Level(s) or Numeric Effluent Limitation(s) (NAL/NEL)</td>
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<tr>
<td>Los Angeles and Long Beach Harbor Waters TMDL</td>
<td>Dominguez Channel Estuary</td>
<td>Total Lead</td>
<td>Final NAL of 0.221 mg/L</td>
<td>Comply with General Permit and the additional Metals and Toxics TMDL Requirements in Section I.G.3 below.</td>
<td>March 23, 2032</td>
</tr>
<tr>
<td>Los Angeles and Long Beach Harbor Waters TMDL</td>
<td>Dominguez Channel Estuary</td>
<td>PAHs</td>
<td>Final NAL of $4.9 \times 10^{-5}$ mg/L</td>
<td>Comply with General Permit and the additional Metals and Toxics TMDL Requirements in Section I.G.3 below.</td>
<td>March 23, 2032</td>
</tr>
<tr>
<td>Los Angeles and Long Beach Harbor Waters TMDL</td>
<td>Dominguez Channel Estuary</td>
<td>Total PCBs</td>
<td>Final NAL of $1.7 \times 10^{-7}$ mg/L</td>
<td>Comply with General Permit and the additional Metals and Toxics TMDL Requirements in Section I.G.3 below.</td>
<td>March 23, 2032</td>
</tr>
<tr>
<td>Los Angeles and Long Beach Harbor Waters TMDL</td>
<td>Dominguez Channel Estuary</td>
<td>Total Zinc</td>
<td>Final NAL if 0.095 mg/L</td>
<td>Comply with General Permit and the additional Metals and Toxics TMDL Requirements in Section I.G.3 below.</td>
<td>March 23, 2032</td>
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<tr>
<td>TMDL</td>
<td>Applicable Water Body/Watershed</td>
<td>Pollutants</td>
<td>Additional TMDL-Related Numeric Action Level(s) or Numeric Effluent Limitation(s) (NAL/NEL)</td>
<td>Compliance Actions</td>
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<tr>
<td>Los Angeles and Long Beach Harbor Waters TMDL</td>
<td>Dominguez Channel Estuary</td>
<td>Cadmium</td>
<td>None</td>
<td>Comply with General Permit and the additional Metals TMDL Requirements in Section I.G.2 below.</td>
<td>March 23, 2032</td>
</tr>
<tr>
<td>Los Angeles and Long Beach Harbor Waters TMDL</td>
<td>Consolidated Slip</td>
<td>Cadmium, Chromium, and Mercury</td>
<td>None</td>
<td>Comply with General Permit and the additional Metals TMDL Requirements in Section I.G.2 below.</td>
<td>March 23, 2032</td>
</tr>
<tr>
<td>Los Angeles and Long Beach Harbor Waters TMDL</td>
<td>Fish Harbor</td>
<td>Mercury</td>
<td>None</td>
<td>Comply with General Permit and the additional Metals TMDL Requirements in Section I.G.2 below.</td>
<td>March 23, 2032</td>
</tr>
<tr>
<td>Los Angeles Harbor Bacteria TMDL</td>
<td>Los Angeles Harbor (Inner Cabrillo Beach and Main Ship Channel)</td>
<td>Enterococcus, Fecal Coliform, Total Coliform</td>
<td>None</td>
<td>Comply with General Permit and the additional Bacteria TMDL Requirements in Section I.A below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
<tr>
<td>Los Angeles River Bacteria TMDL</td>
<td>Los Angeles River Watershed</td>
<td>E. Coli</td>
<td>None</td>
<td>Comply with General Permit and the additional Bacteria TMDL Requirements in Section I.A below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
<tr>
<td>TMDL</td>
<td>Applicable Water Body/Watershed</td>
<td>Pollutants</td>
<td>Additional TMDL-Related Numeric Action Level(s) or Numeric Effluent Limitation(s) (NAL/NEL)</td>
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<tr>
<td>Los Angeles River Metals TMDL</td>
<td>Los Angeles River Watershed</td>
<td>Total Cadmium</td>
<td>NAL of 0.0031 mg/L</td>
<td>Comply with General Permit and the additional Metals TMDL Requirements in Section I.G.3 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
<tr>
<td>Los Angeles River Metals TMDL</td>
<td>Los Angeles River Watershed</td>
<td>Total Copper</td>
<td>NAL of 0.06749 mg/L</td>
<td>Comply with General Permit and the additional Metals TMDL Requirements in Section I.G.3 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
<tr>
<td>Los Angeles River Metals TMDL</td>
<td>Los Angeles River Watershed</td>
<td>Total Lead</td>
<td>NAL of 0.094 mg/L</td>
<td>Comply with General Permit and the additional Metals TMDL Requirements in Section I.G.3 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
<tr>
<td>Los Angeles River Metals TMDL</td>
<td>Los Angeles River Watershed</td>
<td>Total Zinc</td>
<td>NAL of 0.159 mg/L</td>
<td>Comply with General Permit and the additional Metals TMDL Requirements in Section I.G.3 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
<tr>
<td>Los Angeles River above the LA-Glendale WRP</td>
<td>Los Angeles River above the LA-Glendale WRP</td>
<td>Ammonia</td>
<td>NEL of 4.7 mg/L</td>
<td>Comply with General Permit and the additional Nutrients TMDL Requirements in Section I.D.4 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
<tr>
<td>TMDL</td>
<td>Applicable Water Body/Watershed</td>
<td>Pollutants</td>
<td>Additional TMDL-Related Numeric Action Level(s) or Numeric Effluent Limitation(s) (NAL/NEL)</td>
<td>Compliance Actions</td>
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<tr>
<td>Los Angeles River Nutrients TMDL</td>
<td>Los Angeles River below the LA-Glendale WRP</td>
<td>Ammonia</td>
<td>NEL of 8.7 mg/L</td>
<td>Comply with General Permit and the additional Nutrients TMDL Requirements in Section I.D.4 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
<tr>
<td>Los Angeles River Nutrients TMDL</td>
<td>Los Angeles River Watershed</td>
<td>Ammonia</td>
<td>NEL of 10.1 mg/L</td>
<td>Comply with General Permit and the additional Nutrients TMDL Requirements in Section I.D.4 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
<tr>
<td>Los Angeles River Nutrients TMDL</td>
<td>Los Angeles River Watershed</td>
<td>Nitrate-Nitrogen</td>
<td>NEL of 8.0 mg/L</td>
<td>Comply with General Permit and the additional Nutrients TMDL Requirements in Section I.D.4 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
<tr>
<td>Los Angeles River Nutrients TMDL</td>
<td>Los Angeles River Watershed</td>
<td>Nitrite-Nitrogen</td>
<td>NEL of 1.0 mg/L</td>
<td>Comply with General Permit and the additional Nutrients TMDL Requirements in Section I.D.4 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
<tr>
<td>Los Angeles River Nutrients TMDL</td>
<td>Los Angeles River Watershed</td>
<td>Nitrate-Nitrogen + Nitrite-Nitrogen</td>
<td>NEL of 8.0 mg/L</td>
<td>Comply with General Permit and the additional Nutrients TMDL Requirements in Section I.D.4 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
<tr>
<td>TMDL</td>
<td>Applicable Water Body/Watershed</td>
<td>Pollutants</td>
<td>Additional TMDL-Related Numeric Action Level(s) or Numeric Effluent Limitation(s) (NAL/NEL)</td>
<td>Compliance Actions</td>
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<tr>
<td>Los Cerritos Channel</td>
<td>Los Cerritos Channel</td>
<td>Total Copper</td>
<td>NAL of 0.0098 mg/L</td>
<td>Comply with General Permit and the additional Metals TMDL Requirements in Section I.G.3 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
<tr>
<td>Los Cerritos Channel</td>
<td>Los Cerritos Channel</td>
<td>Total Lead</td>
<td>NAL of 0.0558 mg/L</td>
<td>Comply with General Permit and the additional Metals TMDL Requirements in Section I.G.3 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
<tr>
<td>Los Cerritos Channel</td>
<td>Los Cerritos Channel</td>
<td>Total Zinc</td>
<td>NAL of 0.0956 mg/L</td>
<td>Comply with General Permit and the additional Metals TMDL Requirements in Section I.G.3 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
<tr>
<td>Machado Lake</td>
<td>Machado Lake, Drain 553, Wilmington Drain, Project 77/510, and Walteria Lake</td>
<td>Total Nitrogen</td>
<td>NAL of 1.0 mg/L</td>
<td>Comply with General Permit and the additional Nutrients TMDL Requirements in Section I.D.3 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
<tr>
<td>TMDL</td>
<td>Applicable Water Body/Watershed</td>
<td>Pollutants</td>
<td>Additional TMDL-Related Numeric Action Level(s) or Numeric Effluent Limitation(s) (NAL/NEL)</td>
<td>Compliance Actions</td>
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<tr>
<td>Machado Lake Nutrients TMDL</td>
<td>Machado Lake, Drain 553, Wilmington Drain, Project 77/510, and Walteria Lake</td>
<td>Total Phosphorus</td>
<td>NAL of 0.1 mg/L</td>
<td>Comply with General Permit and the additional Nutrients TMDL Requirements in Section I.D.3 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
<tr>
<td>Machado Lake Toxics TMDL</td>
<td>Machado Lake, Drain 553, Wilmington Drain, Project 77/510, and Walteria Lake</td>
<td>Chlordane, DDD (all cogeners), DDE (all cogeners), DDT (all cogeners), Dieldrin, Total DDTs, and Total PCBs</td>
<td>None</td>
<td>Comply with General Permit and the additional Toxics TMDL Requirements in Section I.G.2 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
<tr>
<td>Malibu Creek Watershed Bacteria TMDL</td>
<td>Malibu Creek Watershed</td>
<td>E. coli</td>
<td>None</td>
<td>Comply with General Permit and the additional Bacteria TMDL Requirements in Section I.A below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
<tr>
<td>Malibu Creek Watershed Bacteria TMDL</td>
<td>Malibu Lagoon and Adjacent Beach</td>
<td>Enterococcus, Fecal Coliform, Total Coliform</td>
<td>None</td>
<td>Comply with General Permit and the additional Bacteria TMDL Requirements in Section I.A below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
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<tr>
<td>TMDL</td>
<td>Applicable Water Body/Watershed</td>
<td>Pollutants</td>
<td>Additional TMDL-Related Numeric Action Level(s) or Numeric Effluent Limitation(s) (NAL/NEL)</td>
<td>Compliance Actions</td>
<td>Compliance Deadline</td>
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<tr>
<td>Marina del Rey Harbor Bacteria TMDL</td>
<td>Marina del Rey Harbor Mother’s Beach and Back Basins D, E, and F</td>
<td>Enterococcus, Fecal Coliform, Total Coliform</td>
<td>None</td>
<td>Comply with General Permit and the additional Bacteria TMDL Requirements in Section I.A below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
<tr>
<td>Marina del Rey Harbor Toxics TMDL</td>
<td>Marina del Rey Harbor</td>
<td>Chlordane, Copper, Lead, p,p’-DDE, Total DDTs, Total PCBs, and Zinc</td>
<td>None</td>
<td>Comply with General Permit and the additional Metals and Toxics TMDL Requirements in Section I.G.2 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
<tr>
<td>Oxnard Drain No. 3 TMDL</td>
<td>Oxnard Drain No. 3</td>
<td>4,4’-DDD, 4,4’-DDE, 4,4’-DDT, Bifenthrin, Chlordane, Chlorpyrifos, Dieldrin, PCBs, Sediment Toxicity, and Toxaphene</td>
<td>None</td>
<td>Comply with General Permit and the additional Toxics TMDL Requirements in Section I.G.2 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
<tr>
<td>San Gabriel River Metals and Selenium</td>
<td>San Gabriel River Reach 2 and Upper Reaches Watersheds</td>
<td>Total Lead</td>
<td>NAL 0.166 mg/L</td>
<td>Comply with General Permit and the additional Metals TMDL Requirements in Section I.G.3 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
<tr>
<td>TMDL</td>
<td>Applicable Water Body/ Watershed</td>
<td>Pollutants</td>
<td>Additional TMDL-Related Numeric Action Level(s) or Numeric Effluent Limitation(s) (NAL/NEL)</td>
<td>Compliance Actions</td>
<td>Compliance Deadline</td>
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<tr>
<td>San Gabriel River Metals and Selenium</td>
<td>Coyote Creek Watershed</td>
<td>Total Copper</td>
<td>NAL 0.027 mg/L</td>
<td>Comply with General Permit and the additional Metals TMDL Requirements in Section I.G.3 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
<tr>
<td>San Gabriel River Metals and Selenium</td>
<td>Coyote Creek Watershed</td>
<td>Total Lead</td>
<td>NAL 0.106 mg/L</td>
<td>Comply with General Permit and the additional Metals TMDL Requirements in Section I.G.3 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
<tr>
<td>San Gabriel River Metals and Selenium</td>
<td>Coyote Creek Watershed</td>
<td>Total Zinc</td>
<td>NAL 0.158 mg/L</td>
<td>Comply with General Permit and the additional Metals TMDL Requirements in Section I.G.3 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
<tr>
<td>Santa Clara River Bacteria</td>
<td>Santa Clara River Estuary</td>
<td>Enterococcus, Fecal Coliform, Total Coliform</td>
<td>None</td>
<td>Comply with General Permit and the additional Bacteria TMDL Requirements in Section I.A below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
<tr>
<td>Santa Clara River Bacteria</td>
<td>Santa Clara River Reaches 3, 4, 5, 6, 7</td>
<td>E. coli</td>
<td>None</td>
<td>Comply with General Permit and the additional Bacteria TMDL Requirements in Section I.A below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
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<tr>
<td>TMDL</td>
<td>Applicable Water Body/ Watershed</td>
<td>Pollutants</td>
<td>Additional TMDL-Related Numeric Action Level(s) or Numeric Effluent Limitation(s) (NAL/NEL)</td>
<td>Compliance Actions</td>
<td>Compliance Deadline</td>
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<tr>
<td>Santa Clara River Chloride TMDL</td>
<td>Santa Clara River Reach 3</td>
<td>Chloride</td>
<td>None</td>
<td>Comply with General Permit</td>
<td>XXXX XX, 202X</td>
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<td>[Effective Date of this General Permit]</td>
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<tr>
<td>Santa Clara River Nutrients TMDL</td>
<td>Santa Clara River Reach 3</td>
<td>Ammonia</td>
<td>NEL of 4.2 mg/L</td>
<td>Comply with General Permit and the additional Nutrients TMDL Requirements in Section I.D.4 below.</td>
<td>XXXX XX, 202X</td>
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<td>[Effective Date of this General Permit]</td>
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<tr>
<td>Santa Clara River Nutrients TMDL</td>
<td>Santa Clara River Reach 7</td>
<td>Ammonia</td>
<td>NEL of 5.2 mg/L</td>
<td>Comply with General Permit and the additional Nutrients TMDL Requirements in Section I.D.4 below.</td>
<td>XXXX XX, 202X</td>
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<td>[Effective Date of this General Permit]</td>
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<tr>
<td>Santa Monica Bay DDTs and PCBs TMDL</td>
<td>Santa Monica Bay</td>
<td>DDT and PCBs</td>
<td>None</td>
<td>Comply with General Permit and the additional Toxics TMDL Requirements in Section I.G.2 below.</td>
<td>XXXX XX, 202X</td>
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<td>[Effective Date of this General Permit]</td>
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<tr>
<td>Upper Santa Clara River Chloride TMDL</td>
<td>Santa Clara River Reach 5 and 6</td>
<td>Chloride</td>
<td>Chloride NAL of 100 mg/L</td>
<td>Comply with General Permit and the additional TMDL Requirements in Section I.B below.</td>
<td>XXXX XX, 202X</td>
</tr>
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<td>[Effective Date of this General Permit]</td>
</tr>
<tr>
<td>TMDL</td>
<td>Applicable Water Body/ Watershed</td>
<td>Pollutants</td>
<td>Additional TMDL-Related Numeric Action Level(s) or Numeric Effluent Limitation(s) (NAL/NEL)</td>
<td>Compliance Actions</td>
<td>Compliance Deadline</td>
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</tr>
<tr>
<td>Ventura River Nutrients TMDL</td>
<td>Ventura River Estuary and Ventura River Reach 1</td>
<td>Total Nitrogen</td>
<td>NEL of 7.4 mg/L</td>
<td>Comply with General Permit and the additional Nutrients TMDL Requirements in Section I.D.4 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
<tr>
<td>Ventura River Nutrients TMDL</td>
<td>Ventura River Reach 2 and Cañada Larga</td>
<td>Nitrate-Nitrogen + Nitrite-Nitrogen</td>
<td>NEL of 10 mg/L</td>
<td>Comply with General Permit and the additional Nutrients TMDL Requirements in Section I.D.4 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
<tr>
<td>Ventura River Nutrients TMDL</td>
<td>Ventura River Reaches 3, 4, 5, and San Antonio Creek</td>
<td>Nitrate-Nitrogen + Nitrite-Nitrogen</td>
<td>NEL of 5 mg/L</td>
<td>Comply with General Permit and the additional Nutrients TMDL Requirements in Section I.D.4 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
</tbody>
</table>
Lahontan Regional Water Quality Control Board (Region 6)\textsuperscript{9, 10}

<table>
<thead>
<tr>
<th>TMDL</th>
<th>Applicable Water Body/ Watershed</th>
<th>Pollutants</th>
<th>Additional TMDL-Related Numeric Action Level(s) or Numeric Effluent Limitation(s) (NAL/VEL)</th>
<th>Compliance Actions</th>
<th>Compliance Deadline</th>
</tr>
</thead>
<tbody>
<tr>
<td>Squaw Creek Sediment TMDL</td>
<td>Squaw Creek Watershed</td>
<td>Sediment</td>
<td>None</td>
<td>Comply with General Permit</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
<tr>
<td>Truckee River Sediment TMDL</td>
<td>Middle Truckee River Watershed</td>
<td>Sediment</td>
<td>None</td>
<td>Comply with General Permit</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
</tbody>
</table>

\textsuperscript{9} Some of the TMDLs did not specifically state total concentrations for the constituents. Unless otherwise stated in Attachment H Table H-2, the pollutant should be reported in total concentrations.

\textsuperscript{10} Responsible Dischargers shall comply with the applicable TMDL-specific requirements by, and after, the date listed in the Compliance Deadline column.
<table>
<thead>
<tr>
<th>TMDL</th>
<th>Applicable Water Body/ Watershed</th>
<th>Pollutants</th>
<th>Additional TMDL-Related Numeric Action Level(s) or Numeric Effluent Limitation(s) (NAL/NEL)</th>
<th>Compliance Actions</th>
<th>Compliance Deadline</th>
</tr>
</thead>
<tbody>
<tr>
<td>San Diego Creek and Newport Bay Nutrients TMDL</td>
<td>San Diego Creek, Newport Bay Watershed</td>
<td>Total Phosphorus</td>
<td>None</td>
<td>Comply with General Permit and the additional TMDL Requirements in Section I.D.2 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
<tr>
<td>San Diego Creek and Newport Bay Organo-chlorine Compounds TMDL</td>
<td>San Diego Creek Watershed</td>
<td>Total DDT and Toxaphene</td>
<td>None</td>
<td>Comply with General Permit and the additional Toxics TMDL Requirements in Section I.G.2 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
<tr>
<td>San Diego Creek and Newport Bay Organo-chlorine Compounds TMDL</td>
<td>Upper Newport Bay</td>
<td>Chlordane, Total DDT, and Total PCBs</td>
<td>None</td>
<td>Comply with General Permit and the additional Toxics TMDL Requirements in Section I.G.2 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
<tr>
<td>San Diego Creek and Newport Bay Organo-chlorine Compounds TMDL</td>
<td>Lower Newport Bay</td>
<td>Chlordane, Total DDT, and Total PCBs</td>
<td>None</td>
<td>Comply with General Permit and the additional Toxics TMDL Requirements in Section I.G.2 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
</tbody>
</table>

11 Some of the TMDLs did not specifically state total concentrations for the constituents. Unless otherwise stated in Attachment H Table H-2, the pollutant should be reported in total concentrations.

12 Responsible Dischargers shall comply with the applicable TMDL-specific requirements by, and after, the date listed in the Compliance Deadline column.
<table>
<thead>
<tr>
<th>TMDL</th>
<th>Applicable Water Body/ Watershed</th>
<th>Pollutants</th>
<th>Additional TMDL-Related Numeric Action Level(s) or Numeric Effluent Limitation(s) (NAL/NEL)</th>
<th>Compliance Actions</th>
<th>Compliance Deadline</th>
</tr>
</thead>
<tbody>
<tr>
<td>San Diego Creek and Newport Bay Sediment TMDL</td>
<td>Newport Bay/San Diego Creek Watershed</td>
<td>Sediment</td>
<td>None</td>
<td>Comply with General Permit</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
<tr>
<td>San Diego Creek and Newport Bay Toxics TMDL</td>
<td>San Diego Creek Watershed</td>
<td>Total Cadmium</td>
<td>NAL of 0.0097 mg/L</td>
<td>Comply with General Permit and the additional Metals TMDL Requirements in Section I.G.3 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
<tr>
<td>San Diego Creek and Newport Bay Toxics TMDL</td>
<td>San Diego Creek Watershed</td>
<td>Total Copper</td>
<td>NAL of 0.027 mg/L</td>
<td>Comply with General Permit and the additional Metals TMDL Requirements in Section I.G.3 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
<tr>
<td>San Diego Creek and Newport Bay Toxics TMDL</td>
<td>San Diego Creek Watershed</td>
<td>Total Lead</td>
<td>NAL of 0.194 mg/L</td>
<td>Comply with General Permit and the additional Metals TMDL Requirements in Section I.G.3 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
<tr>
<td>San Diego Creek and Newport Bay Toxics TMDL</td>
<td>San Diego Creek Watershed</td>
<td>Total Zinc</td>
<td>NAL of 0.21 mg/L</td>
<td>Comply with General Permit and the additional Metals TMDL Requirements in Section I.G.3 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
<tr>
<td>TMDL</td>
<td>Applicable Water Body/Watershed</td>
<td>Pollutants</td>
<td>Additional TMDL-Related Numeric Action Level(s) or Numeric Effluent Limitation(s) (NAL/NEL)</td>
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</tr>
<tr>
<td>San Diego Creek and Newport Bay Toxics TMDL</td>
<td>Upper Newport Bay</td>
<td>Total Cadmium</td>
<td>NAL of 0.042 mg/L</td>
<td>Comply with General Permit and the additional Metals TMDL Requirements in Section I.G.3 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
<tr>
<td>San Diego Creek and Newport Bay Toxics TMDL</td>
<td>Upper Newport Bay</td>
<td>Total Copper</td>
<td>NAL of 0.00578 mg/L</td>
<td>Comply with General Permit and the additional Metals TMDL Requirements in Section I.G.3 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
<tr>
<td>San Diego Creek and Newport Bay Toxics TMDL</td>
<td>Upper Newport Bay</td>
<td>Total Lead</td>
<td>NAL of 0.221 mg/L</td>
<td>Comply with General Permit and the additional Metals TMDL Requirements in Section I.G.3 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
<tr>
<td>San Diego Creek and Newport Bay Toxics TMDL</td>
<td>Upper Newport Bay</td>
<td>Total Zinc</td>
<td>NAL of 0.095 mg/L</td>
<td>Comply with General Permit and the additional Metals TMDL Requirements in Section I.G.3 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
<tr>
<td>TMDL</td>
<td>Applicable Water Body/Watershed</td>
<td>Pollutants</td>
<td>Additional TMDL-Related Numeric Action Level(s) or Numeric Effluent Limitation(s) (NAL/NEL)</td>
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</tr>
<tr>
<td>San Diego Creek and Newport Bay Toxics TMDL</td>
<td>Lower Newport Bay, Bay Segments (including Costa Mesa Channel and Santa Ana Delhi Channel), and Rhine Channel Area</td>
<td>Total Copper</td>
<td>NAL of 0.00578 mg/L</td>
<td>Comply with General Permit and the additional Metals TMDL Requirements in Section I.G.3 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
<tr>
<td>San Diego Creek and Newport Bay Toxics TMDL</td>
<td>Lower Newport Bay, Bay Segments (including Costa Mesa Channel and Santa Ana Delhi Channel), and Rhine Channel Area</td>
<td>Total Lead</td>
<td>NAL of 0.221 mg/L</td>
<td>Comply with General Permit and the additional Metals TMDL Requirements in Section I.G.3 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
<tr>
<td>TMDL</td>
<td>Applicable Water Body/Watershed</td>
<td>Pollutants</td>
<td>Additional TMDL-Related Numeric Action Level(s) or Numeric Effluent Limitation(s) (NAL/NEL)</td>
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</tr>
<tr>
<td>San Diego Creek and Newport Bay Toxics TMDL</td>
<td>Lower Newport Bay, Bay Segments (including Costa Mesa Channel and Santa Ana Delhi Channel), and Rhine Channel Area</td>
<td>Total Zinc</td>
<td>NAL of 0.095 mg/L</td>
<td>Comply with General Permit and the additional Metals TMDL Requirements in Section I.G.3 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
</tbody>
</table>
### San Diego Regional Water Quality Control Board (Region 9) \(^{13,14}\)

<table>
<thead>
<tr>
<th>TMDL</th>
<th>Applicable Water Body/Watershed</th>
<th>Pollutants</th>
<th>Additional TMDL-Related Numeric Action Level(s) or Numeric Effluent Limitation(s) (NAL/NEL)</th>
<th>Compliance Actions</th>
<th>Compliance Deadline</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chollas Creek Diazinon TMDL</td>
<td>Chollas Creek Watershed</td>
<td>Diazinon</td>
<td>None</td>
<td>Comply with General Permit and the use of Diazinon at the site is prohibited.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
<tr>
<td>Chollas Creek Metal TMDL</td>
<td>Chollas Creek</td>
<td>Total Copper</td>
<td>Interim NAL of 0.083 mg/L</td>
<td>Comply with General Permit and the additional Toxics TMDL Requirements in Section I.G.3 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
<tr>
<td>Chollas Creek Metal TMDL</td>
<td>Chollas Creek</td>
<td>Total Lead</td>
<td>Interim NAL of 0.068 mg/L</td>
<td>Comply with General Permit and the additional Toxics TMDL Requirements in Section I.G.3 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
<tr>
<td>Chollas Creek Metal TMDL</td>
<td>Chollas Creek</td>
<td>Total Zinc</td>
<td>Interim NAL of 0.175 mg/L</td>
<td>Comply with General Permit and the additional Toxics TMDL Requirements in Section I.G.3 below.</td>
<td>XXXX XX, 202X [Effective Date of this General Permit]</td>
</tr>
</tbody>
</table>

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13 Some of the TMDLs did not specifically state total concentrations for the constituents. Unless otherwise stated in Attachment H Table H-2, the pollutant should be reported in total concentrations.

14 Responsible Dischargers shall comply with the applicable TMDL-specific requirements by, and after, the date listed in the Compliance Deadline column.
<table>
<thead>
<tr>
<th>TMDL</th>
<th>Applicable Water Body/Watershed</th>
<th>Pollutants</th>
<th>Additional TMDL-Related Numeric Action Level(s) or Numeric Effluent Limitation(s) (NAL/NEL)</th>
<th>Compliance Actions</th>
<th>Compliance Deadline</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chollas Creek Metal TMDL</td>
<td>Chollas Creek</td>
<td>Total Copper</td>
<td>Final NEL of 0.083 mg/L</td>
<td>Comply with General Permit and the additional Toxics TMDL Requirements in Section I.G.4 below.</td>
<td>October 22, 2028</td>
</tr>
<tr>
<td>Chollas Creek Metal TMDL</td>
<td>Chollas Creek</td>
<td>Total Lead</td>
<td>Final NEL of 0.068 mg/L</td>
<td>Comply with General Permit and the additional Toxics TMDL Requirements in Section I.G.4 below.</td>
<td>October 22, 2028</td>
</tr>
<tr>
<td>Chollas Creek Metal TMDL</td>
<td>Chollas Creek</td>
<td>Total Zinc</td>
<td>Final NEL of 0.175 mg/L</td>
<td>Comply with General Permit and the additional Toxics TMDL Requirements in Section I.G.4 below.</td>
<td>October 22, 2028</td>
</tr>
<tr>
<td>Los Peñasquitos Lagoon Sediment TMDL</td>
<td>Los Peñasquitos Lagoon Watershed</td>
<td>Sediment</td>
<td>None</td>
<td>Comply with General Permit and the additional Sediment TMDL Requirements in Section I.E.3 below.</td>
<td>July 14, 2034</td>
</tr>
</tbody>
</table>
I. TMDL Implementation Requirements

This Section contains the TMDL-specific requirements that Responsible Dischargers shall implement to address applicable TMDLs. These requirements are listed in order of pollutant category, while Table H-2 is organized by Regional Water Board jurisdiction and watershed. The terms including, but not limited to, Responsible Discharger, numeric action levels and exceedances, and numeric effluent limitations and exceedances are defined in Appendix 2 of this General Permit.

A. Bacteria TMDL Implementation Requirements

1. Compliance with General Permit

   a. All Responsible Dischargers for the Bacteria TMDLs listed in Table H-2 shall comply with the requirements of this General Permit.

2. Bacteria TMDL BMPs

   a. Minimum BMPs

      i. The Responsible Discharger that identifies on-site sources of indicator bacteria in their pollutant source assessment shall implement BMPs specific to preventing or controlling stormwater exposure to indicator bacteria in addition to complying with this General Permit’s requirements. The minimum bacteria source control BMPs include the following:

         a) Qualified SWPPP Practitioner-conducted training for construction site staff; and

         b) Routine housekeeping and sanitary waste management of identified sources of bacteria (e.g., portable toilets, dumpsters, etc.).

   b. Structural BMPs

      i. The Responsible Discharger shall evaluate and implement any necessary structural BMPs designed for retention, infiltration, or diversion of stormwater when the implemented minimum BMPs are inadequate to reduce bacteria loading to receiving waters.

   c. The Responsible Discharger shall ensure all BMPs are implemented and address Bacteria TMDL requirements. The BMPs shall be visually inspected, maintained, repaired, and kept updated in the SWPPP in
accordance with this General Permit’s requirements specified in the Order and applicable requirements in Attachments A, C, D, or E for the site’s Risk or Type.

B. Chloride and Salts TMDL Implementation Requirements

1. Compliance with this General Permit

   a. All Responsible Dischargers for the Chloride and Salts TMDLs listed in Table H-2 shall comply with the requirements of this General Permit. Compliance with the requirements of this General Permit is consistent with the requirements and assumptions of the Chloride and Salts TMDL(s), unless specified below.

2. Numeric Action Level (NAL)

   a. The Responsible Discharger that identifies on-site sources of chloride or salts in their pollutant source assessment, and is required to comply with a Chloride or Salts TMDL-related NAL, shall compare all single sample analytical results to the applicable NAL(s) in Table H-2 in addition to complying with this General Permit’s requirements. The compliance location for an NAL is at the construction stormwater discharge location(s).

   b. The Responsible Discharger shall ensure that any BMPs necessary to address chloride and salts are implemented, sampling for non-visible pollutants is conducted, and exceedances of the applicable NALs are prevented to the extent possible. The BMPs shall be visually inspected, maintained, repaired, and kept updated in the SWPPP in accordance with this General Permit’s requirements specified in the Order and applicable requirements in Attachments A, C, D, or E for the site’s Risk or Type.

   c. The Responsible Discharger shall certify and submit all analytical results in SMARTS within 10 days of receiving the analytical laboratory results demonstrating an NAL exceedance(s).

   d. A TMDL-related NAL exceedance occurs when two or more analytical results for samples taken at each discharge location within the same reporting year exceeds the applicable NAL. An NAL exceedance is not a violation of this General Permit, however, it is a violation when the discharger fails to report and respond to the NAL exceedance(s).”
e. The Regional Water Boards may assign additional monitoring, reporting, and BMP requirements upon obtaining site-specific information, including information about NAL exceedance(s).
C. Diazinon TMDL Implementation Requirements

1. Compliance with this General Permit

   a. All Responsible Dischargers for the Diazinon TMDLs listed in Table H-2 shall comply with the requirements of this General Permit. Compliance with the requirements of this General Permit is consistent with the requirements and assumptions of the TMDL. The use of diazinon has been banned for non-agricultural use by the California Department of Pesticide Regulation and the use is prohibited at construction sites.

D. Nutrient TMDL Implementation Requirements

1. Compliance with this General Permit

   a. All Responsible Dischargers for the Nutrient TMDLs listed in Table H-2 shall comply with the requirements of this General Permit.

2. Erosion and Sediment Control and RUSLE2\textsuperscript{15} Modeling

   a. A Responsible Discharger that identifies on-site sources of nutrients in their pollutant source assessment and that were assigned a mass-based WLA in an applicable Nutrient TMDL(s),\textsuperscript{16} shall address the TMDL through the following in addition to complying with this General Permit:

      i. Comply with the site-specific erosion and sediment control, post-construction, and all other requirements in this General Permit;

      ii. Install erosion and sediment controls that will result in predicted erosion rates that are equal to pre-construction conditions (e.g., undisturbed vegetation for the area) for each phase of the construction project;

      iii. Use RUSLE2 modeling to calculate the predicted soil losses and sediment delivery rates when selecting temporary BMPs and controls to be applied during each phase of the site. The RUSLE2 modeling included in the SWPPP shall include:

\textsuperscript{15} Revised Universal Soil Loss Equation, Version 2
\textsuperscript{16} Table H-2 specifies this Section in the Compliance Action column for these TMDLs.
a) Appropriate climatic variables, soil types, and slope topography for the area disturbed; and

b) Calculated soil loss and sediment delivery rates for the selected BMPs and controls equal to, or less than, the soil loss and sediment delivery rates for pre-construction conditions during each phase of the construction project.

3. Numeric Action Level (NAL)
   a. The Responsible Discharger that identifies on-site sources of nutrients in their pollutant source assessment, and is required to comply with an Nutrients TMDL-related NAL, shall compare all single sample analytical results to the applicable NAL(s) in Table H-2 in addition to complying with this General Permit.

   b. The Responsible Discharger shall ensure that any BMPs necessary to address nutrients are implemented, sampling for non-visible pollutants is conducted, and exceedances of the applicable NALs are prevented to the extent possible. The BMPs shall be visually inspected, maintained, repaired, and kept updated in the SWPPP in accordance with this General Permit’s requirements specified in the Order and applicable requirements in Attachments A, C, D, or E for the site’s Risk or Type.

   c. The Responsible Discharger shall certify and submit all analytical results in SMARTS within 10 days of receiving the analytical laboratory results.

   d. A TMDL-related NAL exceedance occurs when two or more analytical results for samples taken at each discharge location within the same reporting year exceeds the applicable NAL. An NAL exceedance is not a violation of this General Permit, however, it is a violation when the discharger fails to report and respond to the NAL exceedance(s).”

   e. The Regional Water Boards may assign additional monitoring, reporting, and BMP requirements upon obtaining site-specific information, including information about the NAL exceedance(s).

4. Numeric Effluent Limitation (NEL)
   a. A Responsible Discharger that identifies on-site sources of nutrients in their pollutant source assessment, and is required to comply with Nutrient TMDL-related NEL(s), shall compare all single sample
analytical results to the applicable NEL(s) in Table H-2 in addition to complying with this General Permit. Compliance with an NEL is measured at the discharge location(s).

b. The Responsible Discharger shall ensure that any BMPs necessary to address nutrients are implemented, sampling for non-visible pollutants is conducted, and exceedances of the applicable NELs are prevented. The BMPs shall be visually inspected, maintained, repaired, and kept updated in the SWPPP in accordance with this General Permit’s requirements specified in the Order and applicable requirements in Attachments A, C, D, or E for the site’s Risk or Type.

c. The Responsible discharger shall certify and submit the analytical results in SMARTS within 10 days of receiving the analytical results demonstrating the NEL exceedance(s).

d. A TMDL-related NEL exceedance occurs when two or more analytical results for samples taken at each drainage area within the same reporting year exceeds the applicable NEL. Upon exceedance of the applicable NEL, the Responsible Discharger shall comply with the Water Quality Based Corrective Actions in Section VI.R of this General Permit’s Order.

e. The Regional Water Boards may assign additional monitoring, reporting, and BMP requirements upon obtaining site-specific information, including information about exceedances of the NEL(s).

E. Sediment TMDL Implementation Requirements

1. Compliance with this General Permit

   a. All Responsible Dischargers for the Sediment TMDLs listed in Table H-2 are to comply with the requirements of this General Permit. Compliance with the requirements of this General Permit is consistent with the requirements and assumptions of the Sediment TMDLs, unless specified below.

2. Erosion and Sediment Control BMPs and RUSLE2 Modeling

   a. A Responsible Discharger assigned a mass-based sediment waste load allocation for sediment shall address the TMDL through the following in addition to complying with this General Permit:
i. Comply with the site-specific erosion and sediment control, post-construction, and all other requirements in this General Permit;

ii. Use RUSLE2 modeling to calculate the predicted soil losses and sediment delivery rates when selecting temporary BMPs and controls to be applied during each phase of the site. The RUSLE2 modeling included in the SWPPP shall include:
   
a) Appropriate climatic variables, soil types, and slope topography for the area disturbed; and
   
b) Calculated soil loss and sediment delivery rates for the selected BMPs and controls equal to, or less than, the soil loss and sediment delivery rates for pre-construction conditions during each phase of the construction project.

iii. A Responsible Discharger that is assigned a mass-based sediment waste load allocation of zero (0),\(^\text{17}\) shall install erosion and sediment controls that will result in predicted erosion rates that are as protective as pre-construction conditions (e.g., undisturbed vegetation for the area). The calculated RUSLE2 soil loss and sediment delivery rates for the selected BMPs and controls shall be equal to, or less than, the soil loss and sediment delivery rates for pre-construction conditions during each phase of the construction project.

iv. A Responsible Discharger that is assigned a site-specific mass-based sediment waste load allocation,\(^\text{18}\) shall install erosion and sediment controls that will result in predicted erosion rates that are equal to or less than the site-specific allocation for sediment loading. The calculated RUSLE2 soil loss and sediment delivery rates for the selected BMPs and controls shall be equal to, or less than, the site-specific mass-based sediment waste load allocation. The Responsible Discharger is required to calculate their site-specific mass-based sediment waste load allocation by multiplying the construction site’s area by the water body’s applicable load allocation, provided in Table H-3.

\(^\text{17}\) Table H-2 specifies this Section in the Compliance Action column for these TMDLs.
\(^\text{18}\) Table H-2 specifies this Section in the Compliance Action column for these TMDLs.
**Table H-3: TMDL Watersheds with Site-specific Mass-based Sediment WLAs**

<table>
<thead>
<tr>
<th>TMDL Watershed</th>
<th>WLA (tons/mi²/yr)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lower Eel River Watershed (Road, Episodic)</td>
<td>9</td>
</tr>
<tr>
<td>Lower Eel River Watershed (Road, Chronic)</td>
<td>17</td>
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<tr>
<td>Lower Eel River Watershed (Bank Erosion)</td>
<td>6</td>
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<tr>
<td>Middle Fork Eel River – Black Butte Subwatershed</td>
<td>7</td>
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<tr>
<td>Middle Fork Eel River – Elk Creek Subwatershed</td>
<td>41</td>
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<tr>
<td>Middle Fork Eel River – Round Valley Subwatershed</td>
<td>9</td>
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<tr>
<td>Middle Fork Eel River – Upper Middle Fork Subwatershed</td>
<td>9</td>
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<tr>
<td>Middle Fork Eel River – Williams/Thatcher Subwatershed</td>
<td>19</td>
</tr>
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<td>Middle Fork Eel River Watershed</td>
<td>23</td>
</tr>
<tr>
<td>Upper Main Eel River Watershed (Large Features &gt;3,000 yds³)</td>
<td>36</td>
</tr>
<tr>
<td>Upper Main Eel River Watershed (Road Related – Small Features)</td>
<td>14</td>
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<tr>
<td>Mad River Watershed (Roads)</td>
<td>174</td>
</tr>
<tr>
<td>Scott River Watershed (Roads and Small Streamside Features)</td>
<td>69</td>
</tr>
<tr>
<td>Trinity River – Upper Area Reference Subwatersheds</td>
<td>281</td>
</tr>
<tr>
<td>Trinity River – Westside Tributaries Subwatershed</td>
<td>105</td>
</tr>
<tr>
<td>Trinity River – Upper Trinity Subwatershed</td>
<td>690</td>
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<tr>
<td>Trinity River – East Fork Tributaries Subwatershed</td>
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<tr>
<td>Trinity River – Eastside Tributaries Subwatershed</td>
<td>60</td>
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<tr>
<td>Trinity River – Weaver and Rush Creeks Subwatershed</td>
<td>169</td>
</tr>
<tr>
<td>Trinity River – Deadwood Creek, Hoadley Gulch, and Poker Bar Area Subwatershed</td>
<td>68</td>
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<tr>
<td>Trinity River – Lewiston Lake Area Subwatershed</td>
<td>49</td>
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<tr>
<td>Trinity River – Grass Valley Creek Subwatershed</td>
<td>44</td>
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<td>Trinity River – Indian Creek Subwatershed</td>
<td>81</td>
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<tr>
<td>Trinity River – Reading and Browns Creek Subwatershed</td>
<td>66</td>
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<tr>
<td>Trinity River – Lower Middle Area Reference Subwatersheds</td>
<td>24</td>
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<tr>
<td>Trinity River – Canyon Creek Subwatershed</td>
<td>326</td>
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<tr>
<td>Trinity River – Upper Tributaries Subwatershed</td>
<td>67</td>
</tr>
<tr>
<td>Trinity River – Middle Tributaries Subwatershed</td>
<td>53</td>
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<tr>
<td>Trinity River – Lower Tributaries Subwatershed</td>
<td>55</td>
</tr>
</tbody>
</table>

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19 More information for specific TMDL watersheds and site-specific mass-based sediment TMDLs can be found in Section W.6.e of this General Permit’s Fact Sheet.
20 Some WLAs may only apply to certain projects (e.g., roads, along banks, small or large features). WLAs that only apply to certain projects are noted in parentheticals.
21 Stuarts Fork, Swift Creek, and Coffee Creek
22 New River, Big French, Manzanita, North Fork, East Fork, North Fork
### TMDL Watershed

<table>
<thead>
<tr>
<th>TMDL Watershed</th>
<th>WLA (tons/mi²/yr)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trinity River – Lower Area Reference Subwatersheds²³</td>
<td>528</td>
</tr>
<tr>
<td>Trinity River – Mill Creek and Tish Tang Subwatershed</td>
<td>210</td>
</tr>
<tr>
<td>Trinity River – Willow Creek Subwatershed</td>
<td>94</td>
</tr>
<tr>
<td>Trinity River – Campbell Creek and Supply Creek Subwatershed</td>
<td>1961</td>
</tr>
<tr>
<td>Trinity River – Lower Mainstem Area and Coon Creek Subwatershed</td>
<td>63</td>
</tr>
</tbody>
</table>

3. **Los Peñasquitos Lagoon Sediment TMDL**

   a. All Responsible Dischargers for the Los Peñasquitos Lagoon Sediment TMDL shall provide an estimate of the representative flow rate from their construction site for one precipitation event, each reporting year in addition to complying with this General Permit.

   b. The Responsible Discharger shall submit the representative flow estimate as a PDF attachment to the Annual Report (due in SMARTS no later than September 1 of each year).

### F. Temperature TMDL Implementation Requirements

1. **Compliance with this General Permit**

   a. All Responsible Dischargers for the Temperature TMDLs listed in Table H-2 shall comply with the requirements of this General Permit. Compliance with this General Permit is consistent with the requirements and assumptions of the North Coast Temperature TMDL Implementation Policy and no additional requirements are incorporated into this General Permit to implement Temperature TMDLs listed in Table H-2.

### G. Metals and Toxics TMDL Implementation Requirements

1. **Compliance with this General Permit**

   a. All Responsible Dischargers for the Metals or Toxics TMDLs listed in Table H-2 shall comply with the requirements of this General Permit. Compliance with the requirements of this General Permit is consistent

²³ Horse Linto Creek
with the requirements and assumptions of the Metals or Toxics TMDLs, unless specified below.

2. Erosion and Sediment Control BMPs and RUSLE2 Modeling

a. A Responsible Discharger that identifies on-site sources of metals or toxics in their pollutant source assessment and are assigned a mass-based waste load allocation, shall address the TMDL through the following in addition to complying with this General Permit:

i. Comply with the site-specific erosion and sediment control, post-construction, and all other requirements in this General Permit;

ii. Install erosion and sediment controls that will result in predicted erosion rates that are as protective as pre-construction conditions (e.g., undisturbed vegetation for the area) for each phase of the construction project;

iii. Use RUSLE2 modeling to calculate the predicted soil losses and sediment delivery rates when selecting temporary BMPs and controls to be applied during each phase of the site. The RUSLE2 modeling included in the SWPPP shall include:

a) Appropriate climatic variables, soil types, and slope topography for the area disturbed; and

b) Calculated soil loss and sediment delivery rates for the selected BMPs and controls equal to, or less than, the soil loss and sediment delivery rates for pre-construction conditions during each phase of the construction project.

3. Numeric Action Level (NAL)

a. A Responsible Discharger that identifies on-site sources of metals or toxics, and is required to comply with a Metals or Toxics TMDL-related NAL(s) in Table H-2, shall compare all single sample analytical results to the applicable NAL(s) in Table H-2 in addition to complying with this General Permit. The Responsible Discharger may provide the Water Boards adequate information demonstrating that it is infeasible to analyze these NALs using an ELAP-certified laboratory for methods compliant with 40 Code of Federal Regulations Part 136. In this case, the Water Boards will specify the appropriate monitoring methods to determine compliance.
b. The Responsible Discharger shall ensure that any BMPs necessary to address metals or toxics are implemented, sampling for non-visible pollutants is conducted, and exceedances of the applicable NALs are prevented to the extent possible. The BMPs shall be visually inspected, maintained, repaired, and kept updated in the SWPPP in accordance with this General Permit’s requirements specified in the Order and applicable requirements in Attachments A, C, D, or E for the site’s Risk or Type.

c. The Responsible Discharger shall certify and submit all analytical results in SMARTS within 10 days of receiving the analytical laboratory results demonstrating an NAL exceedance(s).

d. A TMDL-related NAL exceedance occurs when two or more analytical results for samples taken at each discharge location within the same reporting year exceeds the applicable NAL. An NAL exceedance is not a violation of this General Permit, however, it is a violation when the discharger fails to report and respond to the NAL exceedance(s).

e. The Regional Water Boards may assign additional monitoring, reporting, and BMP requirements upon obtaining site-specific information, including information about the NAL exceedance(s).

4. Numeric Effluent Limitation (NEL)

a. A Responsible Discharger that identifies on-site sources of toxics or metals, and is required to comply with Metals or Toxics TMDL-related NEL(s), shall compare all single sample analytical results to the applicable NEL(s) in Table H-2 in addition to complying with this General Permit. The Responsible Discharger may provide the Water Boards adequate information demonstrating that it is infeasible to analyze these NELs using an ELAP-certified laboratory for methods compliant with 40 Code of Federal Regulations Part 136. In this case, the Water Boards will specify the appropriate monitoring methods to determine compliance.

b. The Responsible Discharger shall ensure that any BMPs necessary to address metals or toxics are implemented, sampling for non-visible pollutants is conducted, and exceedances of the applicable NELs are prevented. The Metals or Toxics BMPs shall be visually inspected, maintained, repaired, and kept updated in the SWPPP in accordance with this General Permit’s requirements specified in the Order and
applicable requirements in Attachments A, C, D, or E for the site’s Risk or Type.

c. The Responsible discharger shall certify and submit the analytical results in SMARTS within 10 days of receiving the analytical results demonstrating the NEL exceedance(s).

d. A TMDL-related NEL exceedance occurs when two or more analytical results for samples taken at each drainage area within the same reporting year exceeds the applicable NEL. Upon exceedance of the applicable NEL, the Responsible Discharger shall comply with the Water Quality Based Corrective Actions in Section VI.R of this General Permit’s Order.

e. The Regional Water Boards may assign additional monitoring, reporting, and BMP requirements upon obtaining site-specific information, including information about exceedances of the NEL(s).