

ATTACHMENT E

LIST OF EXISTING TOTAL MAXIMUM DAILY LOADS (TMDLS) APPLICABLE TO INDUSTRIAL STORM WATER DISCHARGES

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT
FOR STORM WATER DISCHARGES
ASSOCIATED WITH INDUSTRIAL ACTIVITIES
(GENERAL PERMIT)

The following table contains a list of existing TMDLs that are applicable to industrial storm water discharges. 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 E, or to incorporate new TMDLs adopted during the term of this General Permit that include requirements applicable to Responsible Dischargers regulated by this General Permit.

Table E-1: List of Applicable TMDLs

TMDL	Pollutant
San Francisco Bay Regional Water Quality Control Board	
Napa River Sediment TMDL	Sediment
Sonoma Creek Sediment TMDL	Sediment
Walker Creek Mercury TMDL	Mercury
Los Angeles Regional Water Quality Control Board	
Ballona Creek Metals TMDL	Metals
Ballona Creek Estuary Toxics TMDL	Toxic Pollutants
Ballona Creek, Ballona Estuary and Sepulveda Channel TMDL	Bacteria
Calleguas Creek Salt TMDL	Salts
Calleguas Creek Watershed Metals and Selenium TMDL	Metals and Selenium
Colorado Lagoon TMDL	Pesticides, Polycyclic aromatic hydrocarbons, PCBs, and Metals
Harbor Beaches of Ventura County TMDL	Bacteria
Long Beach City Beaches and Los Angeles River Estuary TMDL	Indicator Bacteria
Los Angeles and Long Beach Harbors Waters TMDL	Toxic and Metals
Los Angeles Area Lakes TMDL	Nitrogen, Phosphorus, Mercury, Trash, Organochlorine Pesticides and PCBs
Los Angeles Harbor (Inner Cabrillo Beach and Main Ship Channel) TMDL	Bacteria
Los Angeles River Nitrogen TMDL	Nutrients
Los Angeles River Metals TMDL	Metals
Los Cerritos Channel TMDL	Metals

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TMDL	Pollutant
Machado Lake Nutrient TMDL	Nutrient
Machado Lake Toxics TMDL	Toxics
Marina del Rey Harbor Mothers' Beach and Back Basins TMDL	Bacteria
Marina Del Rey Harbor Toxics TMDL	Copper, Lead, Zinc, and Chlordane, and Total PCBs
Oxnard Drain 3 TMDL	Pesticides, PCBs and Sediment Toxicity
San Gabriel River Metals and Selenium TMDL	Metals and Selenium
Santa Clara River TMDL	Bacteria
Santa Clara River Chloride TMDL	Chloride
Santa Clara River Nitrogen TMDL	Nutrients
Santa Monica Bay Dichlorodiphenyltrichloroethane and Polychlorinated Biphenyls TMDLS	Dichlorodiphenyltrichloroethane and Polychlorinated Biphenyls
Santa Monica Bay Debris TMDL	Nearshore Debris
<u>Santa Ana Regional Water Quality Control Board</u>	
San Diego Creek and Newport Bay Toxics TMDL	Toxic Pollutants
<u>San Diego Regional Water Quality Control Board</u>	
Baby Beach and Shelter Island Indicator Bacteria TMDL	Indicator Bacteria
Chollas Creek Diazinon TMDL	Diazinon
Chollas Creek Metals TMDL	Copper, Lead, and Zinc
Los Peñasquitos Lagoon Sediment TMDL	Sediment
Rainbow Creek Watershed TMDL	Total Nitrogen and Total Phosphorus
Shelter Island Yacht Basin Copper TMDL	Dissolved Copper
Twenty Beaches and Creeks Bacteria TMDL	Indicator Bacteria

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TABLE E-2: Compliance Table for TMDL-related General Permit Requirements

TMDL	Impaired Waterbody/ Watershed	Pollutants	Additional TMDL-related Numeric Action Level or Numeric Effluent Limitation (TNAL/NEL)	Required Actions	Compliance Due Date
<u>San Francisco Regional Water Quality Control Board (Region 2)</u>					
Napa River Sediment TMDL	Napa River Watershed	Sediment	None	Comply with General Permit	XXXX XX, 201X <i>[Effective Date of these TMDL Requirements]</i>
Sonoma Creek Sediment TMDL	Sonoma Creek Watershed	Sediment	None	Comply with General Permit	XXXX XX, 201X <i>[Effective Date of these TMDL Requirements]</i>
Walker Creek Mercury TMDL	Walker Creek and SoulaJule Reservoir	Mercury	None	Comply with General Permit	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>
<u>Los Angeles Regional Water Quality Control Board (Region 4)</u>					
Ballona Creek Metals TMDL	Ballona Creek or Sepulveda Canyon Channel	Copper	Total Copper Instantaneous Maximum NEL of 0.0137 mg/L	In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric Effluent Limitations (NELs). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>
		Lead	Total Lead Instantaneous Maximum NEL of 0.07675 mg/L		
		Zinc	Total Zinc Instantaneous Maximum NEL of 0.10477 mg/L		

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Ballona Creek Estuary Toxics TMDL	Ballona Creek or Ballona Creek Estuary (Ballona Watershed)	Cadmium	None	No additional requirements for sediment-based targets Comply with General Permit	<i>Effective Date of these TMDL Requirements</i> XX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>
		Chlordane	None		
		Copper	None		
		Dichlorodiphenyltrichloroethane (DDT)	None		
		Lead	None		
		Polychlorinated biphenyls (PCBs)	None		
		Silver	None		
		Zinc	None		
Ballona Creek, Ballona Estuary, and Sepulveda Channel Bacteria	Ballona Creek	Fecal coliform	Reach 1: Fecal coliform density Instantaneous Maximum TNAL of 4000/100 mL	In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric Action Level (TNAL). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.	July 15, 2021
		E. coli	Reach 2: E. coli density Instantaneous Maximum TNAL of 576/100 mL		
	Ballona Estuary	Enterococcus	Enterococcus density Instantaneous Maximum TNAL of 104/100 mL		
		Fecal coliform	Fecal coliform density Instantaneous Maximum TNAL of 400/100 mL		

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Ballona Creek, Ballona Estuary, and Sepulveda Channel Bacteria (cont.)	Ballona Estuary (cont.)	Total coliform	Total coliform density Instantaneous Maximum TNAL of 10,000/100 mL	In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric Action Level (TNAL). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.	July 15, 2021
	Sepulveda Channel		E. coli		
Calleguas Creek Salt TMDL	Calleguas Creek Watershed: Reach 3 (mainstem), Reach 4 (Revolon Slough above Wood Road),	Boron, chloride, sulfate, and total dissolved solids (TDS)	None	No additional requirements for sediment-based targets Comply with General Permit	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>

LIST OF EXISTING TOTAL MAXIMUM DAILY LOADS (TMDLS) APPLICABLE TO INDUSTRIAL STORM WATER DISCHARGES

<p>Calleguas Creek Salt TMDL (cont.)</p>	<p>Reach 6 (Arroyo Las Posas & Fox/Barranca Channel), Reach 7 (Arroyo Simi), Reach 8 (Tapo Canyon Creek), Reach 9A and 9B (Conejo Creek), Reach 10 (Arroyo Conejo), Reach 11 (Arroyo Santa Rosa), Reach 12 (North Fork Arroyo Conejo), Reach 13 (South Fork Arroyo Conejo)</p>	<p>Boron, chloride, sulfate, and total dissolved solids (TDS)</p>	<p>None</p>	<p>No additional requirements for sediment-based targets Comply with General Permit</p>	<p>XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i></p>
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**LIST OF EXISTING TOTAL MAXIMUM DAILY LOADS (TMDLS) APPLICABLE TO
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Calleguas Creek Watershed Metals and Selenium	Calleguas Creek, Conjeo Creek, or Revolon Slough	Copper	Interim Total Copper Instantaneous Maximum TNAL of 2.04 mg/L	In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric Action Level (TNAL). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>
	Mugu Lagoon (Reach 1)	Copper	Final Total Copper Instantaneous Maximum NEL of 0.00876 mg/L Responsible Dischargers are not subject to this NEL until the Compliance Due Date. See interim requirements for copper above.	In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric Effluent Limitations (NELs). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.	March 27, 2022

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Calleguas Creek Watershed Metals and Selenium (cont.)	Mugu Lagoon (Reach 1) (cont.)	Nickel	<p style="text-align: center;">Total Nickel Instantaneous Maximum NEL of 0.074 mg/L</p> <p style="text-align: center;">Responsible Dischargers are not subject to this NEL until the Compliance Due Date.</p>	<p style="text-align: center;">In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric Effluent Limitations (NELs). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.</p>	March 27, 2022
		Mercury	None	<p style="text-align: center;">No additional requirements for sediment-based targets</p> <p style="text-align: center;">Comply with General Permit</p>	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>
	Calleguas Creek, below Potrero Rd. (Reach 2)	Copper	<p style="text-align: center;">Final Total Copper Instantaneous Maximum NEL of 0.0214 mg/L</p> <p style="text-align: center;">Responsible Dischargers are not subject to this NEL until the Compliance Due Date. See interim requirements for copper above.</p>	<p style="text-align: center;">In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric Effluent Limitations (NELs). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.</p>	March 27, 2022

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Calleguas Creek Watershed Metals and Selenium (cont.)	Calleguas Creek, below Potrero Rd. (Reach 2) (cont.)	Mercury	None	No additional requirements for sediment-based targets Comply with General Permit	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>
		Nickel	Total Nickel Instantaneous Maximum NEL of 0.074 mg/L Responsible Dischargers are not subject to this NEL until the Compliance Due Date.	In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric Effluent Limitations (NELs). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.	March 27, 2022
	Calleguas Creek, between Potrero Rd. and Somis Rd. (Reach 3)	Copper	Final Total Copper Instantaneous Maximum NEL of 0.0274 mg/L Responsible Dischargers are not subject to this NEL until the Compliance Due Date. See interim requirements for copper above.	In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric Effluent Limitations (NELs). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.	March 27, 2022

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Calleguas Creek Watershed Metals and Selenium (cont.)	Calleguas Creek, between Potrero Rd. and Somis Rd. (Reach 3) (cont.)	Mercury	None	No additional requirements for sediment-based targets Comply with General Permit	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>
		Nickel	Total Nickel Instantaneous Maximum NEL of 0.859 mg/L Responsible Dischargers are not subject to this NEL until the Compliance Due Date.	In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric Effluent Limitations (NELs). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.	March 27, 2022
	Revolon Slough (Reach 4) and Beardsley Wash (Reach 5)	Copper	Final Total Copper Instantaneous Maximum NEL of 0.0058 mg/L Responsible Dischargers are not subject to this NEL until the Compliance Due Date. See interim requirements for copper above.	In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric Effluent Limitations (NELs). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.	March 27, 2022

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Calleguas Creek Watershed Metals and Selenium (cont.)	Revolon Slough (Reach 4) and Beardsley Wash (Reach 5) (cont.)	Mercury	None	No additional requirements for sediment-based targets Comply with General Permit	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>
		Nickel	Total Nickel Instantaneous Maximum NEL of 0.075 mg/L Responsible Dischargers are not subject to this NEL until the Compliance Due Date.	In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric Effluent Limitations (NELs). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.	March 22, 2022
		Selenium	Total Selenium Instantaneous Maximum NEL of 0.290 mg/L Responsible Dischargers are not subject to this NEL until the Compliance Due Date.	In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric Effluent Limitations (NELs). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.	March 27, 2022

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Calleguas Creek Watershed Metals and Selenium (cont.)	Arroyo Las Posas (Reach 6), Arroyo Simi (Reach 7), and Tapo Canyon Creek (Reach 8)	Copper	<p>Final Total Copper Instantaneous Maximum NEL of 0.031 mg/L</p> <p>Responsible Dischargers are not subject to this NEL until the Compliance Due Date. There are no interim targets.</p>	<p>In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric Effluent Limitations (NELs). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.</p>	March 27, 2022
		Mercury	None.	<p>No additional requirements for sediment-based targets</p> <p>Comply with General Permit</p>	<p>XXXX XX, 201X</p> <p><i>(Effective Date of these TMDL Requirements)</i></p>
		Nickel	<p>Total Nickel Instantaneous Maximum NEL of 0.958 mg/L</p> <p>Responsible Dischargers are not subject to this NEL until the Compliance Due Date.</p>	<p>In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric Effluent Limitations (NELs). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.</p>	March 27, 2022

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Calleguas Creek Watershed Metals and Selenium (cont.)	Conejo Creek (Reaches 9A & 9B), Arroyo Conejo (Reach 10), Arroyo Santa Rosa (Reach 11), North Fork Arroyo Conejo (Reach 12), and South Fork Arroyo Conejo (Reach 13)	Copper	<p>Final Total Copper Instantaneous Maximum NEL of 0.0433 mg/L</p> <p>Responsible Dischargers are not subject to this NEL until the Compliance Due Date. See interim requirements for copper above.</p>	<p>In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric Effluent Limitations (NELs). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.</p>	March 27, 2022
		Mercury	None.	<p>No additional requirements for sediment-based targets</p> <p>Comply with General Permit</p>	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>
		Nickel	<p>Total Nickel Instantaneous Maximum NEL of 1.29 mg/L</p> <p>Responsible Dischargers are not subject to this NEL until the Compliance Due Date.</p>	<p>In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric Effluent Limitations (NELs). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.</p>	March 27, 2022

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Colorado Lagoon TMDL	Colorado Lagoon	Chlordane	None	No additional requirements for sediment-based targets Comply with General Permit	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>
		DDT	None		
		Dieldrin	None		
		Lead	None		
		Polycyclic aromatic hydrocarbons (PAHs)	None		
		PCBs	None		
		Zinc	None		
Ventura County Harbor Beaches	Kiddie and Hobie Beaches (Harbor Beaches) in the Channel Islands Harbor	Enterococcus	Enterococcus density Instantaneous Maximum TNAL of 104/100 mL	In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric Action Level (TNAL). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.	December 18, 2018
		Fecal coliform	Fecal coliform density Instantaneous Maximum TNAL of 400/100 mL		
		Total coliform	Total coliform density Instantaneous Maximum TNAL of 10,000/100 mL		

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Ventura County Harbor Beaches (cont.)	Kiddie and Hobie Beaches (Harbor Beaches) in the Channel Islands Harbor (cont.)	Total coliform (cont.)	Total coliform density Instantaneous Maximum TNAL of 1,000/100 mL, if the ratio of fecal-to-total coliform exceeds 0.1	In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric Action Level (TNAL). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.	December 18, 2018
Long Beach City Beaches and Los Angeles River Estuary Indicator Bacteria	Long Beach City Beaches or Los Angeles River Estuary	Enterococcus	Enterococcus density Instantaneous Maximum TNAL of 104/100 mL	In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric Action Level (TNAL). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>
		Fecal coliform	Fecal coliform density Instantaneous Maximum TNAL of 400/100 mL		
		Total coliform	Total coliform density Instantaneous Maximum TNAL of 10,000/100 mL		

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Long Beach City Beaches and Los Angeles River Estuary Indicator Bacteria (cont.)	Long Beach City Beaches or Los Angeles River Estuary	Total coliform (cont.)	Total coliform density Instantaneous Maximum TNAL of 1,000/100 mL, if the ratio of fecal-to-total coliform exceeds 0.1	In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric Action Level (TNAL). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>
Los Angeles and Long Beach Harbor Waters TMDL	Dominguez Channel or Torrance Lateral Channel	Copper	Interim Total Copper Instantaneous Maximum TNAL of 0.20751 mg/L	(See Required Actions continued on the next page)	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>
		Lead	Interim Total Lead Instantaneous Maximum TNAL of 0.12288 mg/L		

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Los Angeles and Long Beach Harbor Waters TMDL (cont.)	Dominguez Channel or Torrance Lateral Channel (cont.)	Zinc	Interim Total Zinc Instantaneous Maximum TNAL of 0.89887 mg/L	In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric Action Level (TNAL). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>
		Copper	Final Total Copper Instantaneous Maximum NEL of 0.0097 mg/L Responsible Dischargers are not subject to this NEL until the Compliance Due Date. See interim requirements for copper above.	(See Required Actions continued on the next page)	May 5, 2032

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Los Angeles and Long Beach Harbor Waters TMDL (cont.)	Dominguez Channel or Torrance Lateral Channel (cont.)	Lead	Final Total Lead Instantaneous Maximum NEL of 0.0427 mg/L Responsible Dischargers are not subject to this NEL until the Compliance Due Date. See interim requirements for lead above.	In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric Effluent Limitations (NELs). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.	May 5, 2032
		Zinc	Final Total Zinc Instantaneous Maximum NEL of 0.697 mg/L Responsible Dischargers are not subject to this NEL until the Compliance Due Date. See interim requirements for zinc above.		
	Dominguez Channel Estuary	Cadmium	None	No additional requirements for sediment-based targets Comply with General Permit	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>

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Los Angeles and Long Beach Harbor Waters TMDL (cont.)	Dominguez Channel Estuary (cont.)	Chlordane	<p>Interim requirement: No additional requirements for sediment-based targets</p> <p>Final Chlordane Instantaneous Maximum TNAL of 5.9×10^{-7} mg/L</p>	<p>For interim requirements: comply with General Permit</p>	May 5, 2032
		Copper	<p>Interim requirement: No additional requirements for sediment-based targets</p> <p>Final Total Copper Instantaneous Maximum TNAL of 0.0058 mg/L</p>	<p>For final requirements: In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric Action Level (TNAL). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.</p>	
		4, 4' DDT	<p>Interim requirement: No additional requirements for sediment-based targets</p> <p>Final 4,4' DDT Instantaneous Maximum TNAL of 5.9×10^{-7} mg/L</p>		

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Los Angeles and Long Beach Harbor Waters TMDL (cont.)	Dominguez Channel Estuary (cont.)	Dieldrin	<p>Interim requirement: No additional requirements for sediment-based targets</p> <p>Final Dieldrin Instantaneous Maximum TNAL of 1.4×10^{-7} mg/L</p>	<p>For interim requirements: comply with General Permit</p> <p>For final requirements: In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric Action Level (TNAL). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.</p>	May 5, 2032
		Lead	<p>Interim requirement: No additional requirements for sediment-based targets</p> <p>Final Total Lead Instantaneous Maximum TNAL of 0.221 mg/L</p>		
		PAHs	<p>Interim requirement: No additional requirements for sediment-based targets</p> <p>Final PAH Instantaneous Maximum TNAL of 0.000049 mg/L</p>		

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Los Angeles and Long Beach Harbor Waters TMDL (cont.)	Dominguez Channel Estuary (cont.)	PCBs	<p>Interim requirement: No additional requirements for sediment-based targets</p> <p>Final Total PCBs Instantaneous Maximum TNAL of 1.7×10^{-7} mg/L</p>	<p>For interim requirements: comply with General Permit</p> <p>For final requirements: In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric Action Level (TNAL). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.</p>	May 5, 2032
		Zinc	<p>Interim requirement: No additional requirements for sediment-based targets</p> <p>Final Total Zinc Instantaneous Maximum TNAL of 0.095 mg/L</p>		
	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, and San Pedro Bay	Copper	<p>Interim requirement: No additional requirements for sediment-based targets</p> <p>Final Total Copper Instantaneous Maximum TNAL of 0.0058 mg/L</p>		

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Los Angeles and Long Beach Harbor Waters TMDL (cont.)	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, and San Pedro Bay (cont.)	4, 4' DDT	Interim requirement: No additional requirements for sediment-based targets Final 4,4' DDT Instantaneous Maximum TNAL of 5.9×10^{-7} mg/L	For interim requirements: comply with General Permit For final requirements: In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric Action Level (TNAL). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.	May 5, 2032
		Lead	Interim requirement: No additional requirements for sediment-based targets Final Total Lead Instantaneous Maximum TNAL of 0.221 mg/L		
		PCBs	Interim requirement: No additional requirements for sediment-based targets Final Total PCBs Instantaneous Maximum TNAL of 1.7×10^{-7} mg/L		

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INDUSTRIAL STORM WATER DISCHARGES

Los Angeles and Long Beach Harbor Waters TMDL (cont.)	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, and San Pedro Bay (cont.)	Zinc	Interim requirement: No additional requirements for sediment-based targets Final Total Zinc Instantaneous Maximum TNAL of 0.095 mg/L	For interim requirements: comply with General Permit For final requirements: In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric Action Level (TNAL). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.	May 5, 2032
		Cadmium	None	No additional requirements for sediment-based targets Comply with General Permit	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>
	Chromium	None			
	Mercury	None			
	Consolidated Slip	Copper	Interim requirement: No additional requirements for sediment-based targets Final Total Copper Instantaneous Maximum TNAL of 0.0058 mg/L	(See Required Actions continued on the next page)	May 5, 2032

LIST OF EXISTING TOTAL MAXIMUM DAILY LOADS (TMDLS) APPLICABLE TO INDUSTRIAL STORM WATER DISCHARGES

Los Angeles and Long Beach Harbor Waters TMDL (cont.)	Consolidated Slip (cont.)	4, 4' DDT	Interim requirement: No additional requirements for sediment-based targets Final 4,4' DDT Instantaneous Maximum TNAL of 5.9×10^{-7} mg/L	For interim requirements: comply with General Permit For final requirements: In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric Action Level (TNAL). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.	May 5, 2032
		Lead	Interim requirement: No additional requirements for sediment-based targets Final Total Lead Instantaneous Maximum TNAL of 0.221 mg/L		
		PCBs	Interim requirement: No additional requirements for sediment-based targets Final Total PCBs Instantaneous Maximum TNAL of 1.7×10^{-7} mg/L		
		Zinc	Interim requirement: No additional requirements for sediment-based targets Final Total Zinc Instantaneous Maximum TNAL of 0.095 mg/L		

LIST OF EXISTING TOTAL MAXIMUM DAILY LOADS (TMDLS) APPLICABLE TO INDUSTRIAL STORM WATER DISCHARGES

Los Angeles and Long Beach Harbor Waters TMDL (cont.)	Fish Harbor	Mercury	None	No additional requirements for sediment-based targets Comply with General Permit	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>
		Copper	Interim requirement: No additional requirements for sediment-based targets Final Total Copper Instantaneous Maximum TNAL of 0.0058 mg/L	For interim requirements: comply with General Permit For final requirements: In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric Action Level (TNAL). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.	
		4, 4' DDT	Interim requirement: No additional requirements for sediment-based targets Final 4,4' DDT Instantaneous Maximum TNAL of 5.9×10^{-7} mg/L		May 5, 2032
		Lead	Interim requirement: No additional requirements for sediment-based targets Final Total Lead Instantaneous Maximum TNAL of 0.221 mg/L		

LIST OF EXISTING TOTAL MAXIMUM DAILY LOADS (TMDLS) APPLICABLE TO
INDUSTRIAL STORM WATER DISCHARGES

Los Angeles and Long Beach Harbor Waters TMDL (cont.)	Fish Harbor (cont.)	PCBs	Interim requirement: No additional requirements for sediment-based targets Final Total PCBs Instantaneous Maximum TNAL of 1.7×10^{-7} mg/L	For interim requirements: comply with General Permit For final requirements: In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric Action Level (TNAL). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.	May 5, 2032
		Zinc	Interim requirement: No additional requirements for sediment-based targets Final Total Zinc Instantaneous Maximum TNAL of 0.095 mg/L		
Los Angeles Area Lakes TMDL	Peck Road Park	Chlordane	None	No additional requirements for sediment-based targets Comply with General Permit	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>
		DDTs	None		
		Dieldrin	None		

LIST OF EXISTING TOTAL MAXIMUM DAILY LOADS (TMDLS) APPLICABLE TO
INDUSTRIAL STORM WATER DISCHARGES

Los Angeles Area Lakes TMDL (cont.)	Peck Road Park	Nitrogen	Total Nitrogen Instantaneous Maximum NEL of 3.61 mg/L	In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric Effluent Limitations (NELs). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>
		PCBs	None	No additional requirements for sediment-based targets Comply with General Permit	
		Phosphorous	Total Phosphorous Instantaneous Maximum NEL of 0.37 mg/L	In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric Effluent Limitations (NELs). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.	

LIST OF EXISTING TOTAL MAXIMUM DAILY LOADS (TMDLS) APPLICABLE TO INDUSTRIAL STORM WATER DISCHARGES

Los Angeles Area Lakes TMDL (cont.)	Peck Road Park (cont.)	Trash	None	Responsible Dischargers shall comply with this General Permit and install minimum and advanced BMPs meet the TMDL target of 0 (zero) trash in or on the water and on the shoreline.	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>
	Echo Park Lake	Chlordane	None	No additional requirements for sediment-based targets	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>
		Dieldrin	None	Comply with General Permit	
		Nitrogen	Total Nitrogen Instantaneous Maximum NEL of 1.33 mg/L	In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric Effluent Limitations (NELs). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.	
		PCBs	None	No additional requirements for sediment-based targets Comply with General Permit	

LIST OF EXISTING TOTAL MAXIMUM DAILY LOADS (TMDLS) APPLICABLE TO INDUSTRIAL STORM WATER DISCHARGES

Los Angeles Area Lakes TMDL (cont.)	Echo Park Lake	Phosphorous	Total Phosphorous Instantaneous Maximum NEL of 0.16 mg/L	In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric Effluent Limitations (NELs). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>
		Trash	None	Responsible Dischargers shall comply with this General Permit and install minimum and advanced BMPs to meet the TMDL target of 0 (zero) trash in or on the water and on the shoreline.	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>
	Legg Lakes	Nitrogen	Total Nitrogen Instantaneous Maximum NEL of 1.8 mg/L	(See Required Actions continued on the next page)	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>

LIST OF EXISTING TOTAL MAXIMUM DAILY LOADS (TMDLS) APPLICABLE TO INDUSTRIAL STORM WATER DISCHARGES

Los Angeles Area Lakes TMDL (cont.)	Legg Lakes (cont.)	Phosphorous	Total Phosphorous Instantaneous Maximum NEL of 0.64 mg/L	In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric Effluent Limitations (NELs). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>
	Puddingstone Reservoir	Chlordane	None	No additional requirements for sediment-based targets	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>
		DDTs	None		
		Dieldrin	None	Comply with General Permit	
	Puddingstone Reservoir	Nitrogen	Total Nitrogen Instantaneous Maximum NEL of 2.0 mg/L	In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric Effluent Limitations (NELs). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.	

LIST OF EXISTING TOTAL MAXIMUM DAILY LOADS (TMDLS) APPLICABLE TO INDUSTRIAL STORM WATER DISCHARGES

Los Angeles Area Lakes TMDL (cont.)	Puddingstone Reservoir (cont.)	Phosphorous	Total Phosphorous Instantaneous Maximum NEL of 0.40 mg/L	In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric Effluent Limitations (NELs). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>
		PCBs	None	No additional requirements for sediment-based targets Comply with General Permit	
		Mercury	Total Mercury Instantaneous Maximum NEL of 4×10^{-6} mg/L	In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric Effluent Limitations (NELs). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>

LIST OF EXISTING TOTAL MAXIMUM DAILY LOADS (TMDLS) APPLICABLE TO INDUSTRIAL STORM WATER DISCHARGES

<p>Los Angeles Area Lakes TMDL (cont.)</p>	<p>Puddingstone Reservoir (cont.)</p>	<p>Methylmercury</p>	<p>Dissolved Methylmercury Instantaneous Maximum NEL of 0.081×10^{-8} mg/L</p>	<p>In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric Effluent Limitations (NELs). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.</p>	<p>XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i></p>
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**LIST OF EXISTING TOTAL MAXIMUM DAILY LOADS (TMDLS) APPLICABLE TO
INDUSTRIAL STORM WATER DISCHARGES**

Los Angeles Harbor Bacteria	Los Angeles Harbor (Inner Cabrillo Beach and Main Ship Channel)	Enterococcus	Enterococcus density Instantaneous Maximum TNAL of 104/100 mL	In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric Action Level (TNAL). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>
		Fecal coliform	Fecal coliform density Instantaneous Maximum TNAL of 400/100 mL		
		Total coliform	Total coliform density Instantaneous Maximum TNAL of 10,000/100 mL		
		Total coliform	Total coliform density Instantaneous Maximum TNAL of 1,000/100 mL, if the ratio of fecal-to-total coliform exceeds 0.1		
Los Angeles River Nitrogen TMDL	Los Angeles River Watershed	Nitrate-nitrogen	Nitrate-nitrogen Instantaneous Maximum NEL of 8.0 mg/L	(See Required Actions continued on the next page)	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>
		Nitrite-nitrogen	Nitrite-nitrogen Instantaneous Maximum NEL of 1.0 mg/L		
		Nitrate-nitrogen plus nitrite-nitrogen	Nitrate-nitrogen plus nitrite-nitrogen Instantaneous Maximum NEL of 8.0 mg/L		

**LIST OF EXISTING TOTAL MAXIMUM DAILY LOADS (TMDLS) APPLICABLE TO
INDUSTRIAL STORM WATER DISCHARGES**

Los Angeles River Nitrogen TMDL (cont.)	Los Angeles River (above LA-Glendale WRP)	Ammonia	Ammonia Instantaneous Maximum NEL of 4.7 mg/L for discharges into LA River above LA-Glendale WRP	In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric Effluent Limitation (NEL). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>
	Los Angeles River (below LA-Glendale WRP)	Ammonia	Ammonia Instantaneous Maximum NEL of 8.7 mg/L for discharges into LA River below LA-Glendale WRP		
	Los Angeles River Tributaries	Ammonia	Ammonia Instantaneous Maximum NEL of 10.1 mg/L for discharges into LA River tributaries		
Los Angeles River Metals TMDL	Los Angeles River or Los Angeles River Tributaries	Cadmium	Total Cadmium Instantaneous Maximum NEL of 0.0031 mg/L	(See Required Actions continued on the next page)	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>
		Copper	Total Copper Instantaneous Maximum NEL of 0.06749 mg/L		
		Lead	Total Lead Instantaneous Maximum NEL of 0.094 mg/L		

LIST OF EXISTING TOTAL MAXIMUM DAILY LOADS (TMDLS) APPLICABLE TO INDUSTRIAL STORM WATER DISCHARGES

<p>Los Angeles River Metals TMDL (cont.)</p>	<p>Los Angeles River or Los Angeles River Tributaries (cont.)</p>	<p>Zinc</p>	<p>Total Zinc Instantaneous Maximum NEL of 0.159 mg/L</p>	<p>In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric Effluent Limitations (NELs). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.</p>	<p>XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i></p>
<p>Los Cerritos Channel TMDL</p>	<p>Los Cerritos Channel</p>	<p>Copper</p>	<p>Total Copper Instantaneous Maximum NEL of 0.0098 mg/L</p>	<p>In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric Effluent Limitations (NELs). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.</p>	<p>XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i></p>
		<p>Lead</p>	<p>Total Lead Instantaneous Maximum NEL of 0.0558 mg/L</p>		
		<p>Zinc</p>	<p>Total Zinc Instantaneous Maximum NEL of 0.0956 mg/L</p>		

**LIST OF EXISTING TOTAL MAXIMUM DAILY LOADS (TMDLS) APPLICABLE TO
INDUSTRIAL STORM WATER DISCHARGES**

Machado Lake Nutrient TMDL	Machado Lake	Nitrogen	Total Nitrogen Instantaneous Maximum NEL of 1.0 mg/L	In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric Effluent Limitation (NEL). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>
		Phosphorous	Total Phosphorus Instantaneous Maximum NEL of 0.1 mg/L		
Machado Lake Toxics TMDL	Machado Lake	Chlordane	None	No additional requirements for sediment-based targets Comply with General Permit	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>
		DDD ¹ (all congeners)	None		
		DDE ² (all congeners)	None		
		DDT (all congeners)	None		
		Total DDT	None		
		Dieldrin	None		
		PCBs	None		
Marina del Rey Back Basins Bacteria TMDL	Marina del Rey Harbor Mothers' Beach and back basins (Basins D, E, and F)	Enterococcus	Enterococcus density Instantaneous Maximum TNAL of 104/100 mL	(See Required Actions continued on the next page)	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>
		Fecal coliform	Fecal coliform density Instantaneous Maximum TNAL of 400/100 mL		

¹ Dichlorodiphenyldichloroethane

² Dichlorodiphenyldichloroethylene

LIST OF EXISTING TOTAL MAXIMUM DAILY LOADS (TMDLS) APPLICABLE TO INDUSTRIAL STORM WATER DISCHARGES

Marina del Rey Back Basins Bacteria TMDL (cont.)	Marina del Rey Harbor Mothers' Beach and back basins (Basins D, E, and F) (cont.)	Total coliform	Total coliform density Instantaneous Maximum TNAL of 10,000/100 mL	In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric Action Level (TNAL). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>
			Total coliform density Instantaneous Maximum TNAL of 1,000/100 mL, if the ratio of fecal-to-total coliform exceeds 0.1		

**LIST OF EXISTING TOTAL MAXIMUM DAILY LOADS (TMDLS) APPLICABLE TO
INDUSTRIAL STORM WATER DISCHARGES**

Marina del Rey Harbor Toxics TMDL	Marina del Rey Harbor	Chlordane	None	No additional requirements for sediment-based targets Comply with General Permit	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>
		Copper	None		
		p,p' DDE	None		
		DDT	None		
		Lead	None		
		PCBs	None		
		Zinc	None		
Oxnard Drain 3 TMDL	Oxnard Drain Number 3	Chlordane	None	No additional requirements for sediment-based targets Comply with General Permit	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>
		DDD	None		
		DDE	None		
		DDT	None		
		Dieldrin	None		
		PCBs	None		
		Toxaphene	None		
San Gabriel River Metals and Selenium TMDL	San Gabriel River Reach 2 or its tributary/ies	Lead	Total Lead Instantaneous Maximum NEL of 0.166 mg/L	(See Required Actions continued on the next page)	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>
	Coyote Creek or its tributary/ies	Copper	Total Copper Instantaneous Maximum NEL of 0.027 mg/L		
		Lead	Total Lead Instantaneous Maximum NEL of 0.106 mg/L		

LIST OF EXISTING TOTAL MAXIMUM DAILY LOADS (TMDLS) APPLICABLE TO INDUSTRIAL STORM WATER DISCHARGES

San Gabriel River Metals and Selenium TMDL (cont.)	Coyote Creek or its tributary/ies (cont.)	Zinc	Total Zinc Instantaneous Maximum NEL of 0.158 mg/L	In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric Effluent Limitation (NEL). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>
Santa Clara River Bacteria	Santa Clara River Estuary	Enterococcus	Enterococcus density Instantaneous Maximum TNAL of 104/100 mL	In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric Action Level (TNAL). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>
		Fecal coliform	Fecal coliform density Instantaneous Maximum TNAL of 400/100 mL		
	Total coliform	Total coliform density Instantaneous Maximum TNAL of 10,000/100 mL			
	Santa Clara River Reaches 3, 4, 5, 6, and 7	E. coli	E. coli density Instantaneous Maximum TNAL of 235/100 mL		
Santa Clara River Chloride TMDL	Santa Clara River Reach 3	Chloride	None	Comply with General Permit	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>

**LIST OF EXISTING TOTAL MAXIMUM DAILY LOADS (TMDLS) APPLICABLE TO
INDUSTRIAL STORM WATER DISCHARGES**

Santa Clara River Nitrogen TMDL	Santa Clara River Reach 3	Ammonia as Nitrogen	Total Ammonia as Nitrogen Instantaneous Maximum NEL of 4.2 mg/L	In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric Effluent Limitation (NEL). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>
	Santa Clara River Reach 7	Ammonia as Nitrogen	Total Ammonia as Nitrogen Instantaneous Maximum NEL of 5.2 mg/L		
Santa Monica Bay DDTs and PCBs TMDL	Santa Monica Bay	DDT	None	No additional requirements for sediment-based targets Comply with General Permit	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>
		PCB	None		
Santa Monica Bay Debris TMDL	Santa Monica Bay	Plastic Pellets	None	Comply with General Permit.	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>

LIST OF EXISTING TOTAL MAXIMUM DAILY LOADS (TMDLS) APPLICABLE TO INDUSTRIAL STORM WATER DISCHARGES

Santa Ana Regional Water Quality Regional Water Quality Control Board (Region 8)					
San Diego Creek and Newport Bay Toxics TMDL	San Diego Creek Watershed	Cadmium	Total Cadmium Instantaneous Maximum NEL of 0.0097 mg/L	In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding Numeric Effluent Limitation (NEL). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>
		Copper	Total Copper Instantaneous Maximum NEL of 0.027 mg/L		
		Lead	Total Lead Instantaneous Maximum NEL of 0.194 mg/L		
		Zinc	Total Zinc Instantaneous Maximum NEL of 0.21 mg/L		
	Upper Newport Bay	Cadmium	Total Cadmium Instantaneous Maximum NEL of 0.042 mg/L	(See Required Actions continued on the next page)	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>
		Copper	Total Copper Instantaneous Maximum NEL of 0.00578 mg/L Discharge Requirement for boatyards is 0 (zero) lbs/year into Upper Newport Bay.		

LIST OF EXISTING TOTAL MAXIMUM DAILY LOADS (TMDLS) APPLICABLE TO INDUSTRIAL STORM WATER DISCHARGES

San Diego Creek and Newport Bay Toxics TMDL (cont.)	Upper Newport Bay	Lead	Total Lead Instantaneous Maximum NEL of 0.221 mg/L Discharge Requirement for boatyards is 0 (zero) lbs/year into Upper Newport Bay.	In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric Effluent Limitation (NEL). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>
		Zinc	Total Zinc Instantaneous Maximum NEL of 0.095 mg/L Discharge Requirement for boatyards is 0 (zero) lbs/year into Upper Newport Bay.		
	Lower Newport Bay and Bay Segments (including Costa Mesa Channel and Santa Ana Delhi Channel)	Copper	Copper Instantaneous Maximum NEL of 0.00578 mg/L (Total metals) Discharge Requirement for boatyards is 0 (zero) lbs/year into Lower Newport Bay.	(See Required Actions continued on the next page)	

LIST OF EXISTING TOTAL MAXIMUM DAILY LOADS (TMDLS) APPLICABLE TO INDUSTRIAL STORM WATER DISCHARGES

San Diego Creek and Newport Bay Toxics TMDL (cont.)	Lower Newport Bay and Bay Segments (including Costa Mesa Channel and Santa Ana Delhi Channel)	Lead	Lead Instantaneous Maximum NEL of 0.221 mg/L (Total metals) Discharge Requirement for boatyards is 0 (zero) lbs/year into Lower Newport Bay.	In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric Effluent Limitation (NEL). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>	
		Zinc	Zinc Instantaneous Maximum NEL of 0.095 mg/L (Total metals) Discharge Requirement for boatyards is 0 (zero) lbs/year into Lower Newport Bay.			
	Rhine Channel area of Lower Newport Bay	Chromium	None			No additional requirements for sediment-based targets Comply with General Permit
		Mercury	None			
		Copper	Copper Instantaneous Maximum NEL of 0.00578 mg/L (Total metals)	(See Required Actions continued on the next page)		
		Lead	Lead Instantaneous Maximum NEL of 0.221 mg/L (Total metals)			

**LIST OF EXISTING TOTAL MAXIMUM DAILY LOADS (TMDLS) APPLICABLE TO
INDUSTRIAL STORM WATER DISCHARGES**

San Diego Creek and Newport Bay Toxics TMDL (cont.)	Rhine Channel area of Lower Newport Bay (saltwater)	Zinc	Zinc Instantaneous Maximum NEL of 0.095 mg/L (Total metals)	In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric Effluent Limitation (NEL). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>
<u>San Diego Regional Water Quality Regional Water Quality Control Board (Region 9)</u>					
Baby Beach in Dana Point Harbor and Shelter Island Shoreline Park TMDL	Dana Point Harbor – Baby Beach (Dana Point HSA ³ 901.14)	Total coliform, Fecal coliform, Enterococcus (Indicator Bacteria)	None	Comply with General Permit	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>
	San Diego Bay – Shelter Island Shoreline Park (Point Loma HA ⁴ 908.10)	Total coliform, Fecal coliform, Enterococcus (Indicator Bacteria)	None		
Chollas Creek Diazinon TMDL	Chollas Creek Watershed	Diazinon	None	Comply with General Permit	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>

³ Hydrologic Sub-area (HSA)

⁴ Hydrologic Areas (HA)

**LIST OF EXISTING TOTAL MAXIMUM DAILY LOADS (TMDLS) APPLICABLE TO
INDUSTRIAL STORM WATER DISCHARGES**

Chollas Creek Metal TMDL	Chollas Creek	Copper	Copper Instantaneous Maximum NEL of 0.083 mg/L (Total metals)	In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric Effluent Limitation (NEL). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>
		Lead	Lead Instantaneous Maximum NEL of 0.068 mg/L (Total metals)		
		Zinc	Zinc Instantaneous Maximum NEL of 0.175 mg/L (Total metals)		
Los Peñasquitos Lagoon Sediment TMDL	Los Peñasquitos Lagoon Watershed	Sediment	None	Responsible Dischargers shall comply with General Permit and provide an estimate of the representative flow rate from their industrial facility for one Qualifying Storm Event (QSE) each reporting year. The Responsible Discharger shall submit the representative flow estimate as a PDF attachment to the Annual Report (due in SMARTS no later than July 15 th of each reporting year).	July 14, 2034
Rainbow Creek Watershed TMDL	Rainbow Creek Watershed	Nitrogen and Phosphorous	None	Comply with General Permit	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>

LIST OF EXISTING TOTAL MAXIMUM DAILY LOADS (TMDLS) APPLICABLE TO INDUSTRIAL STORM WATER DISCHARGES

Shelter Island Yacht Basin Copper TMDL	Shelter Island Yacht Basin	Copper	None	Comply with General Permit	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>
Twenty Beaches and Creeks Indicator Bacteria	Pacific Ocean Shorelines: ⁵ San Joaquin Hills HSA (901.11) Laguna Beach HSA (901.12) Aliso HSA (901.13) Dana Point HSA (901.14) Lower San Juan HSA (901.27) San Clemente HA (901.30) San Luis Rey HU (903.00) San Marcos HA (904.50) San Dieguito HU (905.00)	Enterococcus, Total Coliform, and Fecal Coliform (Indicator Bacteria)	None	Comply with General Permit	XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>

⁵ The Project I Bacteria TMDL developed for Pacific Shorelines is applicable to all beaches located on the shorelines of the hydrologic subareas (HSAs), hydrologic areas (HAs) and hydrologic units (HUs) listed above.

LIST OF EXISTING TOTAL MAXIMUM DAILY LOADS (TMDLS) APPLICABLE TO INDUSTRIAL STORM WATER DISCHARGES

<p>Twenty Beaches and Creeks Indicator Bacteria (cont.)</p>	<p>Miramar Reservoir HA (906.10) Scripps HA (906.30) Tecolote Creek (906.50) Forester Creek (907.11) San Diego River (Lower) (907.12) Chollas Creek (908.22)</p>	<p>Enterococcus, Total Coliform, and Fecal Coliform (Indicator Bacteria)</p>	<p>None</p>	<p>Comply with General Permit</p>	<p>XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i></p>
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