

ATTACHMENT E

**LIST OF EXISTING TOTAL MAXIMUM DAILY LOADS (TMDLS)
APPLICABLE TO INDUSTRIAL STORM WATER ~~DISCHARGERS~~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 adopted and/or U.S. EPA established/approved TMDLs, as of by the U.S. EPA prior to the adoption date of this General Permit, ~~that are applicable to industrial storm water Dischargers. TMDLs adopted/established after the effective date of the General Permit may, at the Water Boards discretion, be included in 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 ~~covered~~Discharges regulated by this General Permit.

Table E-1: List of Applicable TMDLs

Water Body <u>TMDL</u>	Pollutant
<u>San Francisco Bay Regional Water Quality Control Board</u>	
Napa River <u>Sediment TMDL</u>	Sediment
Sonoma Creek <u>Sediment TMDL</u>	Sediment
<u>Walker Creek Mercury TMDL</u>	<u>Mercury</u>
<u>Los Angeles Regional Water Quality Control Board</u>	
Santa Clara River Reach 3	Chloride
Santa Clara River	Nutrients
Los Angeles River	Metals
Los Angeles River	Nutrients
San Gabriel River	Metals and Selenium
Santa Monica Bay	Nearshore Debris
Machado Lake	Nutrient
Harbor Beaches of Ventura	Bacteria
Ballona Creek <u>Metals TMDL</u>	Metals
Ballona Creek Estuary <u>Toxics TMDL</u>	Toxic Pollutants
Los Angeles Harbor <u>Ballona Creek, Ballona Estuary and Sepulveda Channel TMDL</u>	Bacteria
Marina del Rey Back Basins <u>Calleguas Creek Salt TMDL</u>	Bacteria <u>Salts</u>
Santa Clara River <u>Calleguas Creek Watershed Metals and Selenium TMDL</u>	Bacteria <u>Metals and Selenium</u>

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

Water Body TMDL	Pollutant
Walker Creek, Colorado Lagoon <u>TMDL</u>	Mercury <u>Pesticides, Polycyclic aromatic hydrocarbons, PCBs, and Metals</u>
Oxnard Drain No. 3 Harbor <u>Beaches of Ventura County</u> <u>TMDL</u>	Pesticides, PCBs⁴ and Sediment Toxicity <u>Bacteria</u>
Long Beach City Beaches and Los Angeles River Estuary <u>TMDL</u>	Indicator Bacteria
Los Angeles and Long Beach Harbors <u>Waters TMDL</u>	Toxic and Metals
Los Angeles Area Lakes <u>TMDL</u>	Nitrogen, Phosphorus, Mercury, Trash, Organochlorine Pesticides and PCBs
Santa Monica Bay <u>Los Angeles Harbor (Inner Cabrillo Beach and Main Ship Channel) TMDL</u>	DDTs² and PCBs <u>Bacteria</u>
<u>Los Angeles River Nitrogen TMDL</u>	<u>Nutrients</u>
<u>Los Angeles River Metals TMDL</u>	<u>Metals</u>
<u>Los Cerritos Channel TMDL</u>	<u>Metals</u>
<u>Machado Lake Nutrient TMDL</u>	<u>Nutrient</u>
Machado Lake <u>Toxics TMDL</u>	Toxics
Colorado Lagoon	Pesticides, Polycyclic aromatic hydrocarbons, PCBs, and Metals
Galleguas Creek Watershed	Salts
Galleguas Creek Watershed	Metals and Selenium
Ballona Creek, Ballona Estuary, Marina del Rey Harbor Mothers' Beach and Sepulveda Channel <u>Back Basins TMDL</u>	Bacteria
Marina Del Rey Harbor- Back Basins <u>Toxics TMDL</u>	Copper, Lead, Zinc, and Chlordane, and Total PCBs ³
Los Cerritos Channel <u>Oxnard Drain 3 TMDL</u>	Metals <u>Pesticides, PCBs and Sediment Toxicity</u>
<u>San Gabriel River Metals and Selenium TMDL</u>	<u>Metals and Selenium</u>
<u>Santa Clara River TMDL</u>	<u>Bacteria</u>
<u>Santa Clara River Chloride TMDL</u>	<u>Chloride</u>
<u>Santa Clara River Nitrogen TMDL</u>	<u>Nutrients</u>
<u>Santa Monica Bay Dichlorodiphenyltrichloroethane</u>	<u>Dichlorodiphenyltrichloroethane and Polychlorinated Biphenyls</u>

⁴-Polychlorinated biphenyls

²-Dichlorodiphenyltrichloroethane

³-Polychlorinated biphenyls

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INDUSTRIAL STORM WATER **DISCHARGERS DISCHARGES**

Water Body TMDL	Pollutant
and Polychlorinated Biphenyls TMDLS	
Santa Monica Bay Debris TMDL	Nearshore Debris
Santa Ana Regional Water Quality Control Board	
San Diego Creek and Newport Bay Toxics TMDL	Toxic Pollutants
San Diego Regional Water Quality Control Board	
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
Baby Beach in Dana Point Harbor and Shelter Island Shoreline Park in SDSan Diego Bay	Indicator Bacteria
Twenty Beaches and Creeks Bacteria TMDL	Indicator Bacteria

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

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

<u>TMDL</u>	<u>Impaired Water Body/Waterbody/ Watershed</u>	<u>Pollutants</u>	<u>Additional TMDL-related Numeric Action Level or Numeric Effluent Limitation (TNAL/NEL)</u>	<u>Required Actions</u>	<u>Compliance Due Date</u>
<u>San Francisco Regional Water Quality Control Board (Region 2)</u>					
<u>Napa River Sediment TMDL</u>	<u>Napa River Watershed</u>	<u>Sediment</u>	<u>None</u>	<u>Comply with General Permit</u>	<u>XXXX XX, 201X</u> <i>(Effective Date of this General Permit Amendmentthese TMDL Requirements)</i>
<u>Sonoma Creek Sediment TMDL</u>	<u>Sonoma Creek Watershed</u>	<u>Sediment</u>	<u>None</u>	<u>Comply with General Permit</u>	<u>XXXX XX, 201X</u> <i>(Effective Date of this General Permit Amendmentthese TMDL Requirements)</i>
<u>Walker Creek Mercury TMDL</u>	<u>Walker Creek and Soulajule Reservoir watersheds</u>	<u>Mercury</u>	<u>None</u>	<u>Comply with General Permit</u>	<u>XXXX XX, 201X</u> <i>(Effective Date of this General Permit Amendmentthese TMDL Requirements)</i>
<u>Los Angeles Regional Water Quality Control Board (Region 4)</u>					
<u>Ballona Creek Metals TMDL</u>	<u>Ballona Creek and/or Sepulveda Canyon Channel</u>	<u>Copper</u>	<u>Total Copper Instantaneous Maximum TNALNEL of 0.0137 mg/L</u>	<u>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 (TNALEffluent Limitations (NELs).</u>	<u>XXXX XX, 201X</u> <i>(Effective Date of this General Permit Amendmentthese TMDL Requirements)</i>
		<u>Lead</u>	<u>Total Lead Instantaneous Maximum TNALNEL of 0.07675 mg/L</u>		
		<u>Zinc</u>	<u>Total Zinc Instantaneous Maximum</u>		

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<u>TMDL</u>	<u>Impaired</u> Water <u>Body</u> <u>Waterb</u> <u>ody/</u> <u>Watershed</u>	<u>Pollutants</u>	<u>Additional</u> <u>TMDL-related</u> <u>Numeric</u> <u>Action Level</u> <u>or Numeric</u> <u>Effluent</u> <u>Limitation</u> <u>(TNAL/NEL)</u>	<u>Required Actions</u>	<u>Compliance</u> <u>Due Date</u>
			TNAL/NEL of <u>0.107770.1047</u> <u>7 mg/L</u>	<u>Sample, collection,</u> <u>and reporting shall</u> <u>be conducted in</u> <u>accordance with</u> <u>Section XI.B.</u>	

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

Ballona Creek Estuary Toxics TMDL (cont.)	Ballona Creek and/or Ballona Creek Estuary (Ballona Watershed)	Cadmium	Total Cadmium Instantaneous Maximum TNAL of 1.2 mg/kg (dry weight) None	No additional requirements for sediment-based targets 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. Comply with General Permit	Effective Date of these TMDL Requirements XXXXXX XX, 201X (Effective Date of this General Permit Amendment these TMDL Requirements)
		Chlordane	Chlordane Instantaneous Maximum TNAL of 1.3 µg/kg (dry weight) None		
		Copper	Copper Instantaneous Maximum TNAL of 3.4 mg/kg (dry weight) None		
		Dichlorodiphenyl trichloroethane (DDT)	DDT Instantaneous Maximum TNAL of 1.9 µg/kg (dry weight) None		
		Lead	Lead Instantaneous Maximum TNAL of 46.7 mg/kg (dry weight) None		
		Polychlorinated biphenyls (PCBs)	Total PCBs Instantaneous Maximum TNAL of 3.2 µg/kg (dry weight) None		
		Silver	Silver Instantaneous Maximum TNAL of 1.0 mg/kg (dry weight) None		

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<p><u>Ballona Creek Estuary Toxics TMDL (cont.)</u></p>	<p><u>Ballona Creek and Ballona Creek Estuary (Ballona Watershed)</u></p>	<p><u>Zinc</u></p>	<p><u>Zinc Instantaneous Maximum TNAL of 150 mg/kg (dry weight)</u></p> <p><u>None</u></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 Action Level (TNAL). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.</p>	<p>XXXX-XX, 201X <i>(Effective Date of this General Permit Amendment)</i></p>
<p><u>Ballona Creek, Ballona Estuary, and Sepulveda Channel Bacteria</u></p>	<p><u>Ballona Creek</u></p>	<p><u>Fecal coliform</u></p>	<p><u>Reach 1: Fecal coliform density Instantaneous Maximum TNAL of 4000/100 mL</u></p>	<p>(See Required Actions continued on the next page)</p> <p><u>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.</u></p>	<p>XXXX-XX, 201X <i>(Effective Date of this General Permit Amendment)</i></p> <p><u>July 15, 2021</u></p>
		<p><u>E. coli</u></p>	<p><u>Reach 2: E. coli density Instantaneous Maximum TNAL of 576/100 mL</u></p>		
	<p><u>Ballona Estuary</u></p>	<p><u>Enterococcus</u></p>	<p><u>Enterococcus density Instantaneous Maximum TNAL of 104/100 mL</u></p>		
		<p><u>Fecal coliform</u></p>	<p><u>Fecal coliform density Instantaneous Maximum TNAL of 400/100 mL</u></p>		

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<u>Ballona Creek, Ballona Estuary, and Sepulveda Channel Bacteria (cont.)</u>	<u>Ballona Estuary (cont.)</u>	<u>Total coliform</u>	<u>Total coliform density Instantaneous Maximum TNAL of 10,000/100 mL</u>	<u>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.</u>	XXXX-XX, 201X <u>July 15, 2021</u> <i>(Effective Date of this General Permit Amendment)</i>
	<u>Sepulveda Channel</u>	<u>E. coli</u>	<u>E. coli density Instantaneous Maximum TNAL of 235/100 mL</u>		
<u>Calleguas Creek Salt TMDL</u>	<u>Calleguas Creek Watershed:</u> <u>Reach 3 (mainstem),</u> <u>Reach 4 (Revolon Slough above Wood Road),</u>	<u>Boron, chloride, sulfate, and total dissolved solids (TDS)</u>	<u>None</u>	<u>No additional requirements for sediment-based targets</u> <u>Comply with General Permit</u>	<u>XXXX XX, 201X</u> <i>(Effective Date of this General Permit Amendment)</i> <u>these TMDL Requirements)</u>

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

<p><u>Calleguas Creek Salt TMDL (cont.)</u></p>	<p><u>Reach 6 (Arroyo Las Posas & Fox/Barranca Channel),</u> <u>Reach 7 (Arroyo Simi),</u> <u>Reach 8 (Tapo Canyon Creek),</u> <u>Reach 9A and 9B (Conejo Creek),</u> <u>Reach 10 (Arroyo Conejo),</u> <u>Reach 11 (Arroyo Santa Rosa),</u> <u>Reach 12 (North Fork Arroyo Conejo),</u> <u>Reach 13 (South Fork Arroyo Conejo)</u></p>	<p><u>Boron, chloride, sulfate, and total dissolved solids (TDS)</u></p>	<p><u>None</u></p>	<p><u>No additional requirements for sediment-based targets</u> <u>Comply with General Permit</u></p>	<p><u>XXXX XX, 201X</u> <i>(Effective Date of this General Permit Amendment <u>these TMDL Requirements</u>)</i></p>
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<p><u>Calleguas Creek Watershed Metals and Selenium</u></p>	<p>Mugu Lagoon (Reach 4) <u>Calleguas Creek, Conjeo Creek, or Revolon Slough</u></p>	<p><u>Copper</u></p>	<p><u>Interim Total Copper Instantaneous Maximum TNAL of 0.008762.04 mg/L</u></p>	<p><u>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.</u></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 Action Level (TNAL). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.</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 Action Level (TNAL). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.</p>	<p><u>XXXX XX, 201X</u> <i>(Effective Date of this General Permit Amendment)</i> these TMDL Requirements)</p> <p>XXXX XX, 201X <i>(Effective Date of this General Permit Amendment)</i></p> <p>XXXX XX, 201X <i>(Effective Date of this General Permit Amendment)</i></p>
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				<p>results to the corresponding TMDL Numeric Action Level (TNAL). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.</p>	
<p><u>Calleguas Creek Watershed Metals and Selenium (cont.)</u></p>	<p><u>Mugu Lagoon (Reach 1)</u></p>	<p><u>Copper</u></p>	<p><u>Final Total Copper Instantaneous Maximum NEL of 0.00876 mg/L</u></p> <p><u>Responsible Dischargers are not subject to this NEL until the Compliance Due Date. See interim requirements for copper above.</u></p>	<p><u>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.</u></p>	<p><u>March 27, 2022</u></p>

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

Calleguas Creek Watershed Metals and Selenium (cont.)	<u>Mugu Lagoon (Reach 1) (cont.)</u>	<u>Nickel</u>	<p><u>Total Nickel Instantaneous Maximum TNAL NEL of 0.074 mg/L</u></p> <p><u>Responsible Dischargers are not subject to this NEL until the Compliance Due Date.</u></p>	<p><u>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.</u></p>	<u>March 27, 2022</u>
		<u>Mercury</u>	<p><u>Total Mercury Instantaneous Maximum TNAL of 0.000051 mg/L</u> <u>None</u></p>	<p><u>No additional requirements for sediment-based targets</u></p> <p><u>Comply with General Permit</u></p>	<p><u>XXXX XX, 201X</u> <i>(Effective Date of these TMDL Requirements)</i></p>
	<u>Calleguas Creek, below Potrero Rd. (Reach 2)</u>	<u>Copper</u>	<p><u>Final Total Copper Instantaneous Maximum TNAL NEL of 0.0214 mg/L</u></p> <p><u>Responsible Dischargers are not subject to this NEL until the Compliance Due Date. See interim requirements for copper above.</u></p>	<p><u>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.</u></p>	<u>March 27, 2022</u>

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INDUSTRIAL STORM WATER ~~DISCHARGERS~~ DISCHARGES

<u>Calleguas Creek Watershed Metals and Selenium (cont.)</u>	<u>Calleguas Creek, below Potrero Rd. (Reach 2) (cont.)</u>	<u>Mercury</u>	Total Mercury Instantaneous Maximum TMDL of 0.000051 mg/L <u>None</u>	<u>No additional requirements for sediment-based targets</u> <u>Comply with General Permit</u>	<u>XXXX XX, 201X</u> <i>(Effective Date of these TMDL Requirements)</i>
		<u>Nickel</u>	<u>Total Nickel Instantaneous Maximum TMDL NEL of 0.074 mg/L</u> <u>Responsible Dischargers are not subject to this NEL until the Compliance Due Date.</u>	<u>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.</u>	<u>March 27, 2022</u>
	<u>Calleguas Creek, between Potrero Rd. and Somis Rd. (Reach 3)</u>	<u>Copper</u>	<u>Final Total Copper Instantaneous Maximum TMDL NEL of 0.0274 mg/L</u> <u>Responsible Dischargers are not subject to this NEL until the Compliance Due Date. See interim requirements for copper above.</u>	<u>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.</u>	<u>March 27, 2022</u>

LIST OF **EXISTING** TOTAL MAXIMUM DAILY LOADS (TMDLS) APPLICABLE TO
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<u>Calleguas Creek Watershed Metals and Selenium (cont.)</u>	<u>Calleguas Creek, between Potrero Rd. and Somis Rd. (Reach 3) (cont.)</u>	<u>Mercury</u>	Total Mercury Instantaneous Maximum TNAI of 0.000051 mg/L <u>None</u>	<u>No additional requirements for sediment-based targets</u> <u>Comply with General Permit</u>	<u>XXXX XX, 201X</u> <i>(Effective Date of these TMDL Requirements)</i>
		<u>Nickel</u>	<u>Total Nickel Instantaneous Maximum TNAI NEL of 0.859 mg/L</u> <u>Responsible Dischargers are not subject to this NEL until the Compliance Due Date.</u>	<u>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.</u>	<u>March 27, 2022</u>
	<u>Revolon Slough (Reach 4) and Beardsley Wash (Reach 5)</u>	<u>Copper</u>	<u>Final Total Copper Instantaneous Maximum TNAI NEL of 0.0058 mg/L</u> <u>Responsible Dischargers are not subject to this NEL until the Compliance Due Date. See interim requirements for copper above.</u>	<u>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.</u>	<u>March 27, 2022</u>

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Calleguas Creek Watershed Metals and Selenium (cont.)	Revolon Slough (Reach 4) and Beardsley Wash (Reach 5) (cont.)	Mercury	Total Mercury Instantaneous Maximum TMDL of 0.000051 mg/L 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 TMDL 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 TMDL 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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<u>Calleguas Creek Watershed Metals and Selenium (cont.)</u>	Arroyo Las Posas (Reach 6), Arroyo Simi (Reach 7), and Tapo Canyon Creek (Reach 8) <u>Arroyo Las Posas (Reach 6), Arroyo Simi (Reach 7), and Tapo Canyon Creek (Reach 8)</u>	<u>Copper</u>	<u>Final Total Copper Instantaneous Maximum TNALNEL of 0.031 mg/L</u> <u>Responsible Dischargers are not subject to this NEL until the Compliance Due Date. There are no interim targets.</u>	<u>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.</u>	<u>March 27, 2022</u>
		<u>Mercury</u>	<u>Total Mercury Instantaneous Maximum TNAL of 0.000051 mg/L None.</u>	<u>No additional requirements for sediment-based targets</u> <u>Comply with General Permit</u>	<u>XXXX XX, 201X</u> <i>(Effective Date of these TMDL Requirements)</i>
		<u>Nickel</u>	<u>Total Nickel Instantaneous Maximum TNALNEL of 0.958 mg/L</u> <u>Responsible Dischargers are not subject to this NEL until the Compliance Due Date.</u>	<u>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.</u>	<u>March 27, 2022</u>

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<p><u>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)</u></p>	<p><u>Copper</u></p>	<p><u>Final Total Copper Instantaneous Maximum TNANEL of 0.0433 mg/L</u></p> <p><u>Responsible Dischargers are not subject to this NEL until the Compliance Due Date. See interim requirements for copper above.</u></p>	<p><u>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.</u></p>	<p><u>March 27, 2022</u></p>
	<p><u>Mercury</u></p>	<p><u>Total Mercury Instantaneous Maximum TNANEL of 0.000051 mg/L None.</u></p>	<p><u>No additional requirements for sediment-based targets</u></p> <p><u>Comply with General Permit</u></p>	<p><u>XXXX XX, 201X</u> <i>(Effective Date of these TMDL Requirements)</i></p>
	<p><u>Nickel</u></p>	<p><u>Total Nickel Instantaneous Maximum TNANEL of 1.29 mg/L</u></p> <p><u>Responsible Dischargers are not subject to this NEL until the Compliance Due Date.</u></p>	<p><u>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.</u></p>	<p><u>March 27, 2022</u></p>

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

<u>Colorado Lagoon TMDL</u>	<u>Colorado Lagoon</u>	<u>Chlordane</u>	Chlordane Instantaneous Maximum NEL of 0.50 µg/kg (dry weight) <u>None</u>	(See Required Actions continued on the next page) <u>No additional requirements for sediment-based targets</u> <u>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. Comply with General Permit</u> <u>In addition to complying with this General Permit, Responsible</u>	<u>XXXX XX, 201X</u> <u>July 1, 2018</u> <u>July 1, 2018</u> <u>Effective Date of these TMDL Requirements</u> <u>July 1, 2018</u>
		<u>DDT</u>	DDT Instantaneous Maximum NEL of 1.58 µg/kg (dry weight) <u>None</u>		
		<u>Dieldrin</u>	Dieldrin Instantaneous Maximum NEL of 0.02 µg/kg (dry weight) <u>None</u>		
		<u>Lead</u>	Lead Instantaneous Maximum NEL of 46,700.00 µg/kg (dry weight) <u>None</u>		
		<u>Polycyclic aromatic hydrocarbons (PAHs)</u>	PAHs Instantaneous Maximum NEL of 4,022.00 µg/kg (dry weight) <u>None</u>		
		<u>PCBs</u>	PCBs Instantaneous Maximum NEL of 22.70 µg/kg (dry weight) <u>None</u>		
<u>Colorado Lagoon TMDL (cont.)</u>	<u>Colorado Lagoon</u>	<u>Zinc</u>	Zinc Instantaneous Maximum NEL of 150,000.00 µg/kg (dry weight) <u>None</u>		

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

<p><u>Colorado Lagoon TMDL (cont.)</u></p>	<p><u>Colorado Lagoon</u></p>			<p>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.</p>	
<p><u>Ventura County Harbor Beaches</u></p>	<p><u>Kiddie and Hobie Beaches (Harbor Beaches) in the Channel Islands Harbor</u></p>	<p><u>Enterococcus</u></p>	<p><u>Enterococcus density Instantaneous Maximum TNAL of 104/100 mL</u></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 Action Level (TNAL). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.</p>	<p>XXXX-XX-201X (Effective Date of this General Permit Amendment)</p>
<p><u>Fecal coliform</u></p>	<p><u>Fecal coliform density Instantaneous Maximum TNAL of 400/100 mL</u></p>				
<p><u>Total coliform</u></p>	<p><u>Total coliform density Instantaneous Maximum TNAL of 10,000/100 mL</u></p>				

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

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

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

River Estuary Indicator Bacteria (cont.)	and/or Los Angeles River Estuary			results to the corresponding TMDL Numeric Action Level (TNAL). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.	(Effective Date of this General Permit Amendment these TMDL Requirements)
Los Angeles and Long Beach Harbor Waters TMDL	Dominguez Channel and/or Torrance Lateral Channel	Copper	Interim Total Copper Instantaneous Maximum TNAL of 0.2080.20751 mg/L	(See Required Actions continued on the next page)	XXXX XX, 201X (Effective Date of this General Permit Amendment these TMDL Requirements)
		Lead	Interim Total Lead Instantaneous Maximum TNAL of 0.1230.12288 mg/L		
		Zinc	Interim Total Zinc Instantaneous Maximum TNAL of 0.8990.89887 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 (Effective Date of this General Permit Amendment these TMDL Requirements)
		Copper	Final Total Copper		

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

Los Angeles and Long Beach Harbor Waters TMDL (cont.)	Dominguez Channel and Torrance Lateral Channel		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)	July 1, May 5, 2032
		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.	July 1, 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.		

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

	<p><u>Dominguez Channel or Torrance Lateral Channel (cont.)</u></p>				
<p><u>Los Angeles and Long Beach Harbor Waters TMDL (cont.)</u></p>	<p><u>Dominguez Channel Estuary</u></p>	<p><u>Cadmium</u></p>	<p><u>Total Cadmium Instantaneous Maximum NEL of 1.2 mg/kg</u>None.</p>	<p>In addition to complying with No additional requirements for sediment-based targets</p> <p>Comply 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>July 1, 2032 XXXX XX, 201X (Effective Date of these TMDL Requirements)</p>

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

<u>Los Angeles and Long Beach Harbor Waters TMDL (cont.)</u>	<u>Dominguez Channel Estuary (cont.)</u>	<u>Chlordane</u>	<p><u>Interim requirement: No additional requirements for sediment-based targets</u></p> <p><u>Final Chlordane Instantaneous Maximum TNAL of 5.9 x10⁻⁷ mg/L</u></p>	<p><u>For interim requirements: comply with General Permit</u></p>	<u>May 5, 2032</u>
		<u>Copper</u>	<p><u>Interim requirement: No additional requirements for sediment-based targets</u></p> <p><u>Final Total Copper Instantaneous Maximum TNAL of 0.003730.0058 mg/L</u></p>	<p><u>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.</u></p>	<p>XXXX-XX-201X <i>(Effective Date of this General Permit Amendment)</i></p> <p><u>May 5, 2032</u></p>
		<u>4, 4' DDT</u>	<p><u>Interim requirement: No additional requirements for sediment-based targets</u></p> <p><u>Final 4,4' DDT Instantaneous Maximum TNAL of 5.9 x10⁻⁷ mg/L</u></p>		

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

Los Angeles and Long Beach Harbor Waters TMDL (cont.)	Dominguez Channel Estuary (cont.)			<p><u>For interim requirements: comply with General Permit</u></p> <p><u>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.</u></p>	<p>XXXX-XX, 201X <i>(Effective Date of this General Permit Amendment)</i></p> <p>May 5, 2032</p>
		Dieldrin	<p><u>Interim requirement: No additional requirements for sediment-based targets</u></p> <p><u>Final Dieldrin Instantaneous Maximum TNAL of 1.4 x10⁻⁷ mg/L</u></p>		
		Lead	<p><u>Interim requirement: No additional requirements for sediment-based targets</u></p> <p><u>Final Total Lead Instantaneous Maximum TNAL of 0.008530.221 mg/L</u></p>		
		PAHs	<p><u>Interim requirement: No additional requirements for sediment-based targets</u></p> <p><u>Final PAH Instantaneous Maximum TNAL of 0.000490.0000 49 mg/L</u></p>		
		PCBs	<p><u>Interim requirement: No additional requirements</u></p>		

LIST OF EXISTING TOTAL MAXIMUM DAILY LOADS (TMDLS) APPLICABLE TO INDUSTRIAL STORM WATER ~~DISCHARGERS~~ 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	for sediment-based targets Final Total PCBs Instantaneous Maximum TNAL of 1.7 x10⁻⁷ 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.	XXXX-XX, 201X <i>(Effective Date of this General Permit Amendment)</i> May 5, 2032
		Zinc Interim requirement: No additional requirements for sediment-based targets Final Total Zinc Instantaneous Maximum TNAL of 0.08560.095 mg/L		
		Copper Interim requirement: No additional requirements for sediment-based targets Final Total Copper Instantaneous Maximum TNAL of 0.003730.0058 mg/L		
		4, 4' DDT Interim requirement: No additional requirements for sediment-based targets		

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

<p><u>Los Angeles and Long Beach Harbor Waters TMDL (cont.)</u></p>	<p><u>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.)</u></p>		<p><u>Final 4,4' DDT Instantaneous Maximum TNAL of 5.9 x10⁻⁷ mg/L</u></p>		
		<p><u>Lead</u></p>	<p><u>Interim requirement: No additional requirements for sediment-based targets</u></p> <p><u>Final Total Lead Instantaneous Maximum TNAL of 0.00853 0.221 mg/L</u></p>		
		<p><u>PCBs</u></p>	<p><u>Interim requirement: No additional requirements for sediment-based targets</u></p> <p><u>Final Total PCBs Instantaneous Maximum TNAL of 1.7 x10⁻⁷ mg/L</u></p>		
		<p><u>Zinc</u></p>	<p><u>Interim requirement: No additional requirements for sediment-based targets</u></p>		

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

<u>Los Angeles and Long Beach Harbor Waters TMDL (cont.)</u>			<u>Final Total Zinc Instantaneous Maximum TNAL of 0.08560.095 mg/L</u>		
	<u>Consolidated Slip</u>	<u>Cadmium</u>	Total Cadmium Instantaneous Maximum NEL of 1.2 mg/kg <u>None</u>	In addition to complying with <u>No additional requirements for sediment-based targets</u>	<u>July 1, 2032</u> <u>XXXX</u> <u>XX, 201X</u> <i>(Effective Date of these TMDL Requirements)</i>
		<u>Chromium</u>	Total Chromium Instantaneous Maximum NEL of 81 mg/kg <u>None</u>	Comply 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, General Permit <u>Comply 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, General Permit</u>	
		<u>Mercury</u>	Total Mercury Instantaneous Maximum NEL of 0.15 mg/kg <u>None</u>		
	<u>Copper</u>	<u>Interim requirement: No additional requirements for sediment-based targets</u> <u>Final Total Copper</u>	In addition to complying with <u>For interim requirements: comply with this General Permit. Responsible Dischargers shall take QSE samples</u>		

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

<u>Los Angeles and Long Beach Harbor Waters TMDL (cont.)</u>	<u>Consolidated Slip</u>		<u>Instantaneous Maximum TNAL of 0.0037300.0058 mg/L</u>	in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric Action Level (TNAL).	XXXX-XX, 201X <i>(Effective Date of this General Permit Amendment)</i>
		<u>4, 4' DDT</u>	<u>Interim requirement: No additional requirements for sediment-based targets</u> <u>Final 4,4' DDT Instantaneous Maximum TNAL of 5.9 x10⁻⁷ mg/L</u>	Sample collection and reporting shall be conducted in accordance with Section XI.B.	<u>May 5, 2032</u>
		<u>Lead</u>	<u>Interim requirement: No additional requirements for sediment-based targets</u> <u>Final Total Lead Instantaneous Maximum TNAL of 0.0085300.221 mg/L</u>	<u>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).</u>	XXXX-XX, 201X <i>(Effective Date of this General Permit Amendment)</i>
		<u>PCBs</u>	<u>Interim requirement: No additional requirements for sediment-based targets</u> <u>Final Total PCBs Instantaneous Maximum TNAL of 1.7 x10⁻⁷ mg/L</u>	<u>Sample, collection, and reporting shall be conducted in accordance with Section XI.B.</u> <u>For interim requirements: comply with General Permit</u> <u>For final requirements: In addition to complying with this</u>	

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

		Zinc	<p><u>Interim requirement: No additional requirements for sediment-based targets</u></p> <p><u>Final Total Zinc Instantaneous Maximum TNAL of 0.08560.095 mg/L</u></p>	<p><u>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.</u></p>	
	<u>Fish Harbor</u>	Mercury	<p><u>Total Mercury Instantaneous Maximum NEL of 0.15mg/kgNone</u></p>	<p>In addition to complying with <u>No additional requirements for sediment-based targets</u></p> <p>Comply 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>July 1, 2032 <u>XXXX XX, 201X</u> (Effective Date of these TMDL Requirements)</p>
		Copper	<p><u>Interim requirement: No additional</u></p>	<p><u>For interim requirements:</u></p>	<p>XXXX XX, 201X <u>May 5, 2032</u></p>

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

	<p><u>Fish Harbor</u></p>		<p><u>requirements for sediment-based targets</u></p> <p><u>Final Total Copper Instantaneous Maximum TNAL of 0.0037300.0058 mg/L</u></p>	<p><u>comply with General Permit</u></p> <p><u>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.</u></p>	<p><u>(Effective Date of this General Permit Amendment)</u></p>
<p><u>4, 4' DDT</u></p>		<p><u>Interim requirement: No additional requirements for sediment-based targets</u></p> <p><u>Final 4,4' DDT Instantaneous Maximum TNAL of 5.9×10^{-7} mg/L</u></p>			
<p><u>Lead</u></p>		<p><u>Interim requirement: No additional requirements for sediment-based targets</u></p> <p><u>Final Total Lead Instantaneous Maximum TNAL of 0.008530.221 mg/L</u></p>			
<p><u>PCBs</u></p>		<p><u>Interim requirement: No additional requirements for sediment-based targets</u></p>			

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

			<p><u>Final Total PCBs Instantaneous Maximum TNAL of 1.7 x10⁻⁷ mg/L</u></p>		
		Zinc	<p><u>Interim requirement: No additional requirements for sediment-based targets</u></p> <p><u>Final Total Zinc Instantaneous Maximum TNAL of 0.08560.095 mg/L</u></p>		
<u>Los Angeles Area Lakes TMDL</u>	<u>Peck Road Park</u>	<u>Chlordane</u>	<p><u>Chlordane Instantaneous Maximum NEL of 1.73 µg/kg (dry weight)</u></p> <p><u>None</u></p>	<p><u>(See Required Actions continued on the next page)</u></p> <p><u>No additional requirements for sediment-based targets</u></p> <p><u>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</u></p>	<p><u>XXXX XX, 201X</u> <i>(Effective Date of this General Permit Amendment)</i></p>
		<u>DDTs</u>	<p><u>Total DDT Instantaneous Maximum NEL of 5.28 µg/kg (dry weight)</u></p> <p><u>None</u></p>		
	<u>Peck Road Park</u>	<u>Dieldrin</u>	<p><u>Dieldrin Instantaneous Maximum NEL of 0.43 µg/kg (dry weight)</u></p> <p><u>None</u></p>		
					<u>XXXX XX,</u>

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

Los Angeles Area Lakes TMDL (cont.)	Peck Road Park			(NELs). Sample, collection, and reporting shall be conducted in accordance with Section XI.B. Comply with General Permit 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.	201X (Effective Date of this General Permit Amendment these TMDL Requirements)
		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	XXXX XX, 201X (Effective Date of this General Permit Amendment these TMDL Requirements)

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

<u>Los Angeles Area Lakes TMDL (cont.)</u>				<u>accordance with Section XI.B.</u>	
		<u>PCBs</u>	Total PCB Instantaneous Maximum NEL of 1.29 µg/kg (dry weight) <u>None</u>	<u>No additional requirements for sediment-based targets</u> <u>Comply with General Permit</u>	
		<u>Phosphorous</u>	<u>Total Phosphorous Instantaneous Maximum NEL of 0.37 mg/L</u>	<u>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.</u>	
		<u>Trash</u>	<u>None</u>	<u>Responsible Dischargers shall comply with this General Permit and install minimum and advanced BMPs to control meet the discharges TMDL target of 0 (zero) trash in or on the water and on the shoreline.</u>	
<u>Echo Park Lake</u>	<u>Chlordane</u>	Chlordane Instantaneous Maximum NEL of 2.10 µg/kg (dry weight)	<u>No additional requirements for sediment-based targets</u> <u>(See Required</u>	<u>XXXX XX, 201X</u> <u>(Effective Date of this General Permit Amendment)these</u>	

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

<u>Los Angeles Area Lakes TMDL (cont.)</u>	<u>Echo Park Lake</u>		<u>None</u>	Actions continued on the next page)	<u>TMDL Requirements)</u>
		<u>Dieldrin</u>	Dieldrin Instantaneous Maximum NEL of 0.80 µg/kg (dry weight) <u>None</u>	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. Comply with General Permit	<u>XXXX XX, 201X</u> <i>(Effective Date of this General Permit Amendment these TMDL Requirements)</i>
		<u>Nitrogen</u>	<u>Total Nitrogen Instantaneous Maximum NEL of 1.33 mg/L</u>	<u>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.</u>	
<u>PCBs</u>	Total PCB Instantaneous	<u>No additional requirements for</u>			

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

<u>Los Angeles Area Lakes TMDL (cont.)</u>			Maximum NEL of 1.77 µg/kg (dry weight) <u>None</u>	<u>sediment-based targets</u> <u>Comply with General Permit</u>	
		<u>Phosphorous</u>	<u>Total Phosphorous Instantaneous Maximum NEL of 0.16 mg/L</u>	<u>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.</u>	
		<u>Trash</u>	<u>None</u>	<u>Responsible Dischargers shall comply with this General Permit and install minimum and advanced BMPs to control meet the discharges TMDL target of 0 (zero) trash in or on the water and on the shoreline.</u>	<u>XXXX XX, 201X</u> <i>(Effective Date of this General Permit Amendment these TMDL Requirements)</i>
Los Angeles Area Lakes TMDL	<u>Legg Lakes</u>	<u>Nitrogen</u>	<u>Total Nitrogen Instantaneous Maximum NEL of 4.18 1.8 mg/L</u>	(See Required Actions continued on the next page)	<u>XXXX XX, 201X</u> <i>(Effective Date of this General Permit Amendment)</i>
		<u>Phosphorous</u>	<u>Total Phosphorous Instantaneous Maximum NEL of 0.64 mg/L</u>	<u>In addition to complying with this General Permit,</u>	

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

<p>(cont.)</p>	<p>Legg Lakes (cont.)</p>			<p>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 (Effective Date of this General Permit Amendment) these TMDL Requirements)</p>
<p>Los Angeles Area Lakes TMDL (cont.)</p>	<p>Puddingstone Reservoir</p>	<p>Chlordane</p>	<p>Chlordane Instantaneous Maximum NEL of 0.75 µg/kg (dry weight) None</p>	<p>No additional requirements for sediment-based targets</p>	<p>XXXX XX, 201X (Effective Date of this General Permit Amendment) these TMDL Requirements)</p>
		<p>DDTs</p>	<p>Total DDTs Instantaneous Maximum NEL of 3.94 µg/kg (dry weight) None</p>	<p>(See Required Actions continued on the next page)</p>	
		<p>Dieldrin</p>	<p>Dieldrin Instantaneous Maximum NEL of 0.22 µg/kg (dry weight) None</p>	<p>In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples</p>	

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

	<u>Puddingstone Reservoir</u>			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. Comply with General Permit	<u>XXXX XX, 201X</u> (Effective Date of this General Permit Amendment <u>these TMDL Requirements</u>)
		<u>Nitrogen</u>	<u>Total Nitrogen Instantaneous Maximum NEL of 2.0 mg/L</u>	<u>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.</u>	
		<u>Phosphorous</u>	<u>Total Phosphorous Instantaneous</u>	<u>In addition to complying with this General Permit, Responsible Dischargers shall</u>	

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

	<u>Puddingstone Reservoir</u>		<u>Maximum NEL of 0.40 mg/L</u>	<u>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.</u>	
		<u>PCBs</u>	Total PCBs Instantaneous Maximum NEL of 0.50 µg/kg (dry weight) <u>None</u>	<u>No additional requirements for sediment-based targets</u> <u>Comply with General Permit</u>	
		<u>Mercury</u>	<u>Total Mercury Instantaneous Maximum NEL of 4 x10⁻⁶ mg/L</u>	(See Required Actions continued on the next page) <u>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</u>	<u>XXXX XX, 201X</u> <i>(Effective Date of this General Permit Amendment)</i> XXXX XX, 201X <i>(Effective Date of this General Permit Amendment these TMDL Requirements)</i>

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

				<p><u>conducted in accordance with Section XI.B.</u></p> <p><u>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.</u></p>	
		<p><u>Methylmercury</u></p>	<p><u>Dissolved Methylmercury Instantaneous Maximum NEL of 0.081×10^{-8} mg/L</u></p>		

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

<u>Los Angeles Harbor Bacteria</u>	<u>Los Angeles Harbor (Inner Cabrillo Beach and Main Ship Channel)</u>	<u>Enterococcus</u>	<u>Enterococcus density Instantaneous Maximum TNAL of 104/100 mL</u>	(See Required Actions continued on the next page)	<u>XXXX XX, 201X</u> <i>(Effective Date of this General Permit Amendment)</i>
		<u>Fecal coliform</u>	<u>Fecal coliform density Instantaneous Maximum TNAL of 400/100 mL</u>		
		<u>Total coliform</u>	<u>Total coliform density Instantaneous Maximum TNAL of 10,000/100 mL</u>		
<u>Los Angeles Harbor Bacteria (cont.)</u>	<u>Los Angeles Harbor (Inner Cabrillo Beach and Main Ship Channel)</u>	<u>Total coliform</u>	<u>Total coliform density Instantaneous Maximum TNAL of 1,000/100 mL, if the ratio of fecal-to-total coliform exceeds 0.1</u>	<u>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.</u>	<u>XXXX XX, 201X</u> <i>(Effective Date of this General Permit Amendment these TMDL Requirements)</i>
<u>Los Angeles River Nitrogen TMDL</u>	<u>Los Angeles River (above LA Glendale WRP) Watershed</u>	<u>Ammonia Nitrate -nitrogen</u>	<u>Ammonia Nitrate -nitrogen Instantaneous Maximum NEL of 4.7 mg/L for discharges into LA River above LA Glendale WRP</u> <u>8.0 mg/L</u>	<u>(See Required Actions continued on the next page)</u>	<u>XXXX XX, 201X</u> <i>(Effective Date of this General Permit Amendment these TMDL Requirements)</i>

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

<p><u>Los Angeles River Nitrogen TMDL (cont.)</u></p>		<p><u>Nitrite-nitrogen</u></p>	<p><u>Nitrite-nitrogen Instantaneous Maximum NEL of 1.0 mg/L</u></p>	<p><u>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.</u></p>	<p><u>XXXX XX, 201X</u> <i>(Effective Date of this General Permit Amendment these TMDL Requirements)</i></p>
		<p><u>Nitrate-nitrogen plus nitrite-nitrogen</u></p>	<p><u>Nitrate-nitrogen plus nitrite-nitrogen Instantaneous Maximum NEL of 8.0 mg/L</u></p>		
	<p><u>Los Angeles River (above LA-Glendale WRP)</u></p>	<p><u>Ammonia</u></p>	<p><u>Ammonia Instantaneous Maximum NEL of 4.7 mg/L for discharges into LA River above LA-Glendale WRP</u></p>		
	<p><u>Los Angeles River (below LA-Glendale WRP)</u></p>	<p><u>Ammonia</u></p>	<p><u>Ammonia Instantaneous Maximum NEL of 8.7 mg/L for discharges into LA River below LA-Glendale WRP</u></p>		

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

	<u>Los Angeles River Tributaries</u>	<u>Ammonia</u>	<u>Ammonia Instantaneous Maximum NEL of 10.1 mg/L for discharges into LA River tributaries</u>		
<u>Los Angeles River Metals TMDL</u>	<u>Los Angeles River and or Los Angeles River Tributaries</u>	<u>Cadmium</u>	<u>Total Cadmium Instantaneous Maximum TNALNEL of 0.0031 mg/L</u>	<u>(See Required Actions continued on the next page)</u>	<u>XXXX XX, 201X</u> <u>(Effective Date of this General Permit Amendment these TMDL Requirements)</u>
		<u>Copper</u>	<u>Total Copper Instantaneous Maximum TNALNEL of 67.490.06749 mg/L</u>		
		<u>Lead</u>	<u>Total Lead Instantaneous Maximum TNALNEL of 0.094 mg/L</u>		
	<u>Zinc</u>	<u>Total Zinc Instantaneous Maximum TNALNEL of 0.159 mg/L</u>			
<u>Los Angeles River Metals TMDL (cont.)</u>	<u>Los Angeles River and or Los Angeles River Tributaries</u>			<u>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) Effluent Limitations (NELs). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.</u>	<u>XXXX XX, 201X</u> <u>(Effective Date of this General Permit Amendment these TMDL Requirements)</u>

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

Los Cerritos Channel TMDL	Los Cerritos Channel	Copper	Total Copper Instantaneous Maximum TNA NEL of 0.0098 mg/L	(See Required Actions continued on the next page)	<u>XXXX XX, 201X</u> <i>(Effective Date of this General Permit Amendment)</i>
		Lead	Total Lead Instantaneous Maximum TNA NEL of 0.0558 mg/L		
		Zinc	Total Zinc Instantaneous Maximum TNA NEL of 0.0956 mg/L		
<u>Los Cerritos Channel TMDL</u>	<u>Los Cerritos Channel</u>			<u>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 (TNA) Effluent Limitations (NELs). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.</u>	XXXX XX, 201X <i>(Effective Date of this General Permit Amendment these TMDL Requirements)</i>
<u>Machado Lake Nutrient TMDL</u>	<u>Machado Lake</u>	Nitrogen	Total Nitrogen Instantaneous Maximum NEL of 6.8 1.0 mg/L	<u>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,</u>	July 4, 2018 <u>XXXX XX, 201X</u> <i>(Effective Date of these TMDL Requirements)</i>
		Phosphorous	Total Phosphorus Instantaneous Maximum NEL of 5.2 0.1 mg/L		

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

				<u>collection, and reporting shall be conducted in accordance with Section XI.B.</u>	
<u>Machado Lake Toxics TMDL (cont.)</u>	<u>Machado Lake</u>	<u>Chlordane</u>	Chlordane Instantaneous Maximum NEL of 3.24 µg/kg (dry weight) <u>None</u>	<u>No additional requirements for sediment-based targets</u> <u>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.</u>	<u>July 1, 2019</u>
		<u>DDD⁴¹ (all congeners)</u>	DDD (all congeners) Instantaneous Maximum NEL of 4.88 µg/kg (dry weight) <u>None</u>		
		<u>DDE⁴² (all congeners)</u>	DDE (all congeners) Instantaneous Maximum NEL of 3.16 µg/kg (dry weight) <u>None</u>		
		<u>DDT (all congeners)</u>	DDT (all congeners) Instantaneous Maximum NEL of 4.16 µg/kg (dry weight) <u>None</u>		
		<u>Total DDT</u>	Total DDT Instantaneous Maximum NEL of 5.28 µg/kg (dry weight) <u>None</u>		
		<u>Dieldrin</u>	Dieldrin Instantaneous Maximum NEL of 1.9 µg/kg (dry weight) <u>In addition to</u>		

⁴¹ Dichlorodiphenyldichloroethane

⁴² Dichlorodiphenyldichloroethylene

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

<u>Machado Lake Toxics TMDL (cont.)</u>	<u>Machado Lake</u>		<u>None</u>	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. Comply with General Permit	XXXX XX, 201X July 1, 2019 (Effective Date of these TMDL Requirements)
		<u>PCBs</u>	Total PCBs Instantaneous Maximum NEL of 59.8 µg/kg (dry weight) <u>None</u>		
<u>Marina del Rey Back Basins Bacteria</u>	Marina del Rey Harbor Mothers' Beach and back basins (Basins D, E, and F)	<u>Enterococcus</u>	<u>Enterococcus density Instantaneous Maximum TNAL of 104/100 mL</u>	(See Required Actions continued on the next page)	XXXX XX, 201X (Effective Date of this General Permit Amendment)
		<u>Fecal coliform</u>	<u>Fecal coliform density Instantaneous Maximum TNAL of 400/100 mL</u>		
		<u>Total coliform</u>	<u>Total coliform density Instantaneous Maximum TNAL of 10,000/100 mL</u>		
<u>Marina del Rey Back</u>	<u>Marina del Rey Harbor Mothers'</u>		<u>Total coliform density Instantaneous Maximum TNAL of 1,000/100 mL, if the ratio of fecal-to-total</u>	<u>In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and</u>	XXXX XX, 201X (Effective Date of this General Permit Amendment) <u>these TMDL Requirements)</u>

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

<p>Basins Bacteria (cont.)</p>	<p><u>Beach and back basins (Basins D, E, and F)</u></p>	<p>Total coliform (cont.)</p>	<p><u>coliform exceeds 0.1</u></p>	<p><u>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.</u></p>	
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LIST OF EXISTING TOTAL MAXIMUM DAILY LOADS (TMDLS) APPLICABLE TO INDUSTRIAL STORM WATER ~~DISCHARGERS~~ DISCHARGES

<u>Marina del Rey Harbor Toxics TMDL</u>	<u>Marina del Rey Harbor</u>	<u>Chlordane</u>	Chlordane Instantaneous Maximum TNAL of 0.5 µg/L <u>None</u>	In addition to complying with No additional requirements for sediment-based targets <u>Comply 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. General Permit</u>	XXXX XX, 201X <i>(Effective Date of this General Permit Amendment)</i>
		<u>Copper</u>	Copper Instantaneous Maximum TNAL of 34 mg/kg (dry weight) <u>None</u>		
		<u>p,p' DDE</u>	p,p' DDE Instantaneous Maximum TNAL of 2.2 µg/L <u>None</u>		
		<u>DDT</u>	Total DDTs Instantaneous Maximum TNAL of 1.58 µg/L <u>None</u>		
		<u>Lead</u>	Lead Instantaneous Maximum TNAL of 46.7 mg/kg (dry weight) <u>None</u>		
		<u>PCBs</u>	Total PCBs Instantaneous Maximum TNAL of 3.2 µg/L <u>None</u>		
Marina del Rey Harbor Toxics TMDL (cont.)	Marina del Rey Harbor (cont.)	<u>Zinc</u>	Zinc Instantaneous Maximum TNAL of 150 mg/kg (dry weight) <u>None</u>	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 this General Permit Amendment)</i> <u>these TMDL Requirements)</u>

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

Oxnard Drain 3 TMDL	Oxnard Drain Number 3	Chlordane	Total Chlordane Instantaneous Maximum NEL of 3.3 µg/kg (dry weight) None	No additional requirements for sediment-based targets (See Required Actions continued on the next page) 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 this General Permit Amendment)</i>
		DDD	4,4'-DDD Instantaneous Maximum NEL of 2.0 µg/kg (dry weight) None		
		DDE	4,4'-DDE Instantaneous Maximum NEL of 2.2 µg/kg (dry weight) None		
		DDT	4,4'-DDT Instantaneous Maximum NEL of 0.3 µg/kg (dry weight) None		
		Dieldrin	Dieldrin Instantaneous Maximum NEL of 4.3 µg/kg (dry weight) None		
Oxnard Drain 3 TMDL (cont.)	Oxnard Drain Number 3	PCBs	Total PCB Instantaneous Maximum NEL of 180 µg/kg (dry weight) None	XXXX XX, 201X <i>(Effective Date of this General Permit Amendment)</i> these TMDL Requirements	
Toxaphene	Toxaphene Instantaneous Maximum NEL of 360 µg/kg (dry weight) None				

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

				<u>Comply with General Permit</u>	
<u>San Gabriel River Metals and Selenium TMDL</u>	<u>San Gabriel River Reach 2 or its tributary/ies</u>	<u>Lead</u>	<u>Total Lead Instantaneous Maximum TMDL NEL of 0.166 mg/L</u>	<u>(See Required Actions continued on the next page)</u>	<u>XXXX XX, 201X</u> <u>(Effective Date of this General Permit Amendment these TMDL Requirements)</u>
	<u>Coyote Creek or its tributary/ies</u>	<u>Copper</u>	<u>Total Copper Instantaneous Maximum TMDL NEL of 0.027 mg/L</u>		
<u>Lead</u>		<u>Total Lead Instantaneous Maximum TMDL NEL of 0.106 mg/L</u>	<u>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 (TMDL) Effluent Limitation (NEL). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.</u>		
<u>San Gabriel River Metals and Selenium TMDL (cont.)</u>	<u>Coyote Creek or its tributary/ies</u>	<u>Zinc</u>		<u>Total Zinc Instantaneous Maximum TMDL NEL of 0.158 mg/L</u>	

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

Santa Clara River Bacteria	<u>Santa Clara River Estuary</u>	<u>Enterococcus</u>	<u>Enterococcus density</u> <u>Instantaneous</u> <u>Maximum TNAL</u> <u>of 104/100 mL</u>	(See Required Actions continued on the next page)	<u>XXXX XX, 201X</u> <i>(Effective Date of this General Permit Amendment)</i>
		<u>Fecal coliform</u>	<u>Fecal coliform density</u> <u>Instantaneous</u> <u>Maximum TNAL</u> <u>of 400/100 mL</u>		
	Santa Clara River Estuary	<u>Total coliform</u>	<u>Total coliform density</u> <u>Instantaneous</u> <u>Maximum TNAL</u> <u>of 10,000/100 mL</u>		
<u>Santa Clara River Bacteria</u>	<u>Santa Clara River Reaches 3, 4, 5, 6, and 7</u>	<u>E. coli</u>	<u>E. coli density</u> <u>Instantaneous</u> <u>Maximum TNAL</u> <u>of 235/100 mL</u>	<u>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.</u>	XXXX XX, 201X <i>(Effective Date of this General Permit Amendment these TMDL Requirements)</i>
<u>Santa Clara River Chloride TMDL</u>	<u>Santa Clara River Reach 3</u>	<u>Chloride</u>	<u>None</u>	<u>Comply with General Permit</u>	<u>XXXX XX, 201X</u> <i>(Effective Date of this General Permit Amendment these TMDL Requirements)</i>

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

Santa Clara River Nitrogen TMDL	<u>Santa Clara River Reach 3</u>	<u>Ammonia as Nitrogen</u>	<u>Total Ammonia as Nitrogen Instantaneous Maximum NEL of 4.2 mg/L</u>	(See Required Actions continued on the next page)	<u>XXXX XX, 201X</u> <i>(Effective Date of this General Permit Amendment these TMDL Requirements)</i>
	<u>Santa Clara River Reach 7</u>	<u>Ammonia as Nitrogen</u>	<u>Total Ammonia as Nitrogen Instantaneous Maximum NEL of 5.2 mg/L</u>	<u>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.</u>	XXXX XX, 201X <i>(Effective Date of this General Permit Amendment)</i>
<u>Santa Clara River Nitrogen TMDL</u>					
<u>Santa Monica Bay DDTs and PCBs TMDL</u>	Santa Monica Bay vicinity from Point Dume to Point Vicente and the Pales	<u>DDT</u>	Total DDT Instantaneous Maximum TNAL of 2.3 µg/g <u>Organic Carbon None</u>	<u>No additional requirements for sediment-based targets</u> (See Required Actions continued on the next page)	<u>XXXX XX, 201X</u> <i>(Effective Date of this General Permit Amendment)</i>
		<u>PCB</u>	Total PCB Instantaneous Maximum TNAL of 0.7 µg/g <u>Organic Carbon None</u>		
<u>Santa Monica Bay DDTs and PCBs TMDL</u>	<u>Verdes shelf from Point Vicente to Point Fermin</u>			<u>In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with Section XI.B and</u>	XXXX XX, 201X <i>(Effective Date of this General Permit Amendment these TMDL</i>

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

(cont.)				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. Comply with General Permit	<u>Requirements)</u>
<u>Santa Monica Bay Debris TMDL</u>	<u>Santa Monica Bay</u>	<u>Plastic Pellets</u>	<u>None</u>	<u>Comply with General Permit.</u>	<u>XXXX XX, 201X</u> <i>(Effective Date of this General Permit Amendment these TMDL Requirements)</i>

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

<u>Santa Ana Regional Water Quality Control Board (Region 8)</u>					
<u>San Diego Creek and Newport Bay Toxics TMDL</u>	<u>San Diego Creek (freshwater) Watershed</u>	<u>Cadmium</u>	<u>Total Cadmium Instantaneous Maximum TNA NEL of 0.00889 0.0097 mg/L</u>	(See Required Actions continued on the next page)	<u>XXXX XX, 201X</u> <i>(Effective Date of this General Permit Amendment)</i>
		<u>Copper</u>	<u>Total Copper Instantaneous Maximum TNA NEL of 0.0254 0.027 mg/L</u>		
		<u>Lead</u>	<u>Total Lead Instantaneous Maximum TNA NEL of 0.133 0.194 mg/L</u>	<u>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 (TNA Effluent Limitation (NEL). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.</u>	
		<u>Zinc</u>	<u>Total Zinc Instantaneous Maximum TNA NEL of 0.208 0.21 mg/L</u>		
<u>Upper Newport Bay (saltwater)</u>	<u>Cadmium</u>	<u>Total Cadmium Instantaneous Maximum NEL of 0.0423 0.042 mg/L</u>	<u>(See Required Actions continued on the next page)</u>	<u>XXXX XX, 201X</u> <i>(Effective Date of this General Permit Amendment)</i>	
	<u>Copper</u>	<u>Total Copper Instantaneous Maximum NEL of</u>			

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

<p><u>San Diego Creek and Newport Bay Toxics TMDL (cont.)</u></p>	<p><u>Upper Newport Bay (saltwater)</u></p>	<p>0.0058 <u>0.00578</u> 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 Limitation (NEL). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.</p>	<p><u>TMDL Requirements</u></p>	
		<p><u>Lead</u></p>			<p><u>Discharge Requirement for boatyards is 0 (zero) lbs/year into Upper Newport Bay.</u></p> <p><u>Total Lead Instantaneous Maximum NEL of 0.221 mg/L</u></p> <p><u>Discharge Requirement for boatyards is 0 (zero) lbs/year into Upper Newport Bay.</u></p>
		<p><u>Zinc</u></p>			<p><u>Total Zinc Instantaneous Maximum NEL of 0.095 mg/L</u></p> <p><u>Discharge Requirement for boatyards is 0 (zero) lbs/year into Upper Newport Bay.</u></p>
<p>Rhine Channel area of Lower Newport Bay (saltwater)</p>	<p>ChromiumCopper</p>	<p>Total ChromiumCopper Instantaneous Maximum TNA <u>NEL of 1.1000.00578</u> mg/L (Total metals)</p> <p><u>Discharge Requirement for boatyards is 0 (zero) lbs/year</u></p>	<p>(See Required Actions continued on the next page)</p>	<p><u>XXXX XX, 201X</u> (Effective Date of this General Permit Amendment <u>these TMDL Requirements</u>)</p>	

LIST OF EXISTING TOTAL MAXIMUM DAILY LOADS (TMDLS) APPLICABLE TO INDUSTRIAL STORM WATER ~~DISCHARGERS~~ 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)		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 Action Level (NAL) Effluent Limitation (NEL). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.	
		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.		
San Diego Creek and Newport Bay Toxics TMDL (cont.)	Rhine Channel area of Lower Newport Bay (saltwater) Lower Newport Bay and Bay Segments (including Costa Mesa Channel and Santa Ana Delhi Channel)		Zinc Instantaneous Maximum NEL of 0.095 mg/L (Total metals) Discharge Requirement for boatyards is 0 (zero) lbs/year into Lower Newport Bay.		XXXX XX, 201X <i>(Effective Date of these TMDL Requirements)</i>
		Zinc			
San Diego Creek and Newport Bay Toxics TMDL (cont.)	Rhine Channel area	Chromium	None	No additional requirements for sediment-based targets Comply with General Permit	
		Mercury	Total Mercury Annual NAL of 0.0014 mg/L None		

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

	<p><u>of Lower Newport Bay</u></p>				<p><u>XXXX XX, 201X</u> (Effective Date of this General Permit Amendment <u>these TMDL Requirements</u>)</p>
	<p><u>Rhine Channel area of Lower Newport Bay (saltwater)</u></p>	<p><u>Copper</u></p>	<p><u>Copper Instantaneous Maximum NEL of 0.00580.00578 mg/L (Total metals)</u></p>	<p><u>(See Required Actions continued on the next page)</u></p>	<p><u>XXXX XX, 201X</u> (Effective Date of <u>these TMDL Requirements</u>-this General Permit Amendment)</p>
		<p><u>Lead</u></p>	<p><u>Lead Instantaneous Maximum NEL of 0.221 mg/L (Total metals)</u></p>	<p><u>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.</u></p>	
		<p><u>Zinc</u></p>	<p><u>Zinc Instantaneous Maximum NEL of 0.095 mg/L (Total metals)</u></p>		

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

<u>San Diego Regional Water Quality Control Board (Region 9)</u>					
<u>Baby Beach in Dana Point Harbor and Shelter Island Shoreline Park TMDL</u>	<u>Dana Point Harbor – Baby Beach (Dana Point HSA⁴³³ 901.14)</u>	<u>Total coliform, Fecal coliform, Enterococcus (Indicator Bacteria)</u>	<u>None</u>	<u>Comply with General Permit</u>	<u>XXXX XX, 201X (Effective Date of this General Permit Amendmentthese TMDL Requirements)</u>
	<u>San Diego Bay – Shelter Island Shoreline Park (Point Loma HA⁴⁴⁴ 908.10)</u>	<u>Total coliform, Fecal coliform, Enterococcus (Indicator Bacteria)</u>	<u>None</u>		
<u>Chollas Creek Diazinon TMDL</u>	<u>Chollas Creek Watershed</u>	<u>Diazinon</u>	<u>None</u>	<u>Comply with General Permit</u>	<u>XXXX XX, 201X (Effective Date of this General Permit Amendmentthese TMDL Requirements)</u>

³³ Hydrologic Sub-area (HSA)

⁴⁴ Hydrologic Areas (HA)

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

<u>Chollas Creek Metal TMDL</u>	<u>Chollas Creek</u>	Dissolved <u>Copper</u>	<u>Copper</u> <u>Instantaneous</u> <u>Maximum</u> TNA <u>NEL of</u> 0.00946 <u>0.083</u> <u>mg/L</u> <u>(Total metals)</u>	<u>In addition to</u> <u>complying with this</u> <u>General Permit,</u> <u>Responsible</u> <u>Dischargers shall</u> <u>take QSE samples</u> <u>in accordance with</u> <u>Section XI.B and</u> <u>shall compare the</u> <u>results to the</u> <u>corresponding</u> <u>TMDL Numeric</u> <u>Action Level</u> (TNA <u>Effluent</u> <u>Limitation (NEL).</u> <u>Sample, collection,</u> <u>and reporting shall</u> <u>be conducted in</u> <u>accordance with</u> <u>Section XI.B.</u>	<u>XXXX XX,</u> <u>201X</u> <i>(Effective Date of</i> this General Permit Amendment <u>these</u> <u>TMDL</u> <u>Requirements)</u>
		<u>Lead</u>	<u>Lead</u> <u>Instantaneous</u> <u>Maximum</u> TNA <u>NEL of</u> 0.0436 <u>0.068</u> <u>mg/L</u> <u>(Total metals)</u>		
		<u>Zinc</u>	<u>Zinc</u> <u>Instantaneous</u> <u>Maximum</u> TNA <u>NEL of</u> 0.0845 <u>0.175</u> <u>mg/L</u> <u>(Total metals)</u>		
<u>Los Peñasquitos Lagoon Sediment TMDL</u>	<u>Los Peñasquitos Lagoon Watershed</u>	<u>Sediment</u>	<u>None</u>	<u>Responsible</u> <u>Dischargers shall</u> <u>comply with General</u> <u>Permit and provide</u> <u>an estimate of the</u> <u>representative flow</u> <u>rate from their</u> <u>industrial facility for</u> <u>one Qualifying</u> <u>Storm Event (QSE)</u> <u>each reporting year.</u> <u>The Responsible</u> <u>Discharger shall</u> <u>submit the</u> <u>representative flow</u> <u>estimate as a PDF</u> <u>attachment to the</u> <u>Annual Report (due</u> <u>in SMARTS no later</u> <u>than July 15th of</u> <u>each reporting year).</u>	<u>July</u> 4, <u>14,</u> <u>2034</u>

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

<u>Rainbow Creek Watershed TMDL</u>	<u>Rainbow Creek Watershed</u>	<u>Nitrogen and Phosphorous</u>	<u>None</u>	<u>Comply with General Permit</u>	<u>XXXX XX, 201X</u> (Effective Date of this General Permit Amendment <u>these TMDL Requirements</u>)
<u>Shelter Island Yacht Basin Copper TMDL</u>	<u>Shelter Island Yacht Basin</u>	<u>Copper</u>	<u>None</u>	<u>Comply with General Permit</u>	<u>XXXX XX, 201X</u> (Effective Date of this General Permit Amendment <u>these TMDL Requirements</u>)

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

<p><u>Twenty Beaches and Creeks Indicator Bacteria</u></p>	<p><u>Pacific Ocean Shorelines:</u> 455 <u>San Joaquin Hills HSA (901.11)</u> <u>Laguna Beach HSA (901.12)</u> <u>Aliso HSA (901.13)</u> <u>Dana Point HSA (901.14)</u> <u>Lower San Juan HSA (901.27)</u> <u>San Clemente HA (901.30)</u> <u>San Luis Rey HU (903.00)</u> <u>San Marcos HA (904.50)</u> <u>San Dieguito HU (905.00)</u></p>	<p><u>Enterococcus, Total Coliform, and Fecal Coliform (Indicator Bacteria)</u></p>	<p><u>None</u></p>	<p><u>Comply with General Permit</u></p>	<p><u>XXXX XX, 201X</u> <i>(Effective Date of this General Permit Amendment)</i> <u>these TMDL Requirements</u></p>
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⁵⁵ 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 **DISCHARGERS DISCHARGES**

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