ATTACHMENT E

LIST OF <u>EXISTING</u> TOTAL MAXIMUM DAILY LOADS (TMDLS) APPLICABLE TO INDUSTRIAL STORM WATER <u>DISCHARGERS</u> <u>DISCHARGES</u>

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 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 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 General Permit that include requirements applicable to Responsible Dischargers General Permit that include requirements applicable to Responsible Dischargers General Permit that include requirements applicable to Responsible Dischargers General Permit that include requirements applicable to Responsible Dischargers General Permit that include requirements applicable to Responsible Dischargers General Permit that include requirements applicable to Responsible Dischargers General Permit that include requirements applicable to Responsible Dischargers General Permit that include requirements applicable to Responsible Dischargers General Permit that include requirements applicable

Table E-1: List of Applicable TMDLs

Water Body TMDL	Pollutant
San Francisco Bay Region	onal Water Quality Control Board
Napa River Sediment TMDL	Sediment
Sonoma Creek Sediment TMDL	Sediment
Walker Creek Mercury TMDL	<u>Mercury</u>
Los Angeles Regiona	l Water Quality Control Board
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 Metals TMDL	Metals
Ballona Creek Estuary <u>Toxics</u> <u>TMDL</u>	Toxic Pollutants
Los Angeles Harbor	Bacteria
Marina del Rey Back Basins	Bacteria
Santa Clara River Ballona Creek, Ballona Estuary and Sepulveda Channel TMDL	Bacteria
WalkerCalleguas Creek, Salt <u>TMDL</u>	Mercury Salts

Water BodyTMDL	Pollutant
Oxnard Drain No. 3Calleguas	Pesticides, PCBs ⁴ Metals and Sediment
Creek Watershed Metals and	Texicity Selenium
Selenium TMDL	·
Colorado Lagoon TMDL	Pesticides, Polycyclic aromatic
	hydrocarbons, PCBs, and Metals
Harbor Beaches of Ventura	<u>Bacteria</u>
County TMDL	
Long Beach City Beaches and	Indicator Bacteria
Los Angeles River Estuary	
TMDL	
Los Angeles and Long Beach	Toxic and Metals
Harbors Waters TMDL	
Los Angeles Area Lakes TMDL	Nitrogen, Phosphorus, Mercury, Trash,
	Organochlorine Pesticides and PCBs
Santa Monica BayLos Angeles	DDTs and PCBsBacteria
Harbor (Inner Cabrillo Beach	
and Main Ship Channel) TMDL	
Los Angeles River Nitrogen	<u>Nutrients</u>
<u>TMDL</u>	
Los Angeles River Metals TMDL	<u>Metals</u>
Los Cerritos Channel TMDL	<u>Metals</u>
Machado Lake Nutrient TMDL	<u>Nutrient</u>
Machado Lake <u>Toxics TMDL</u>	Toxics
Colorado Lagoon	Pesticides, Polycyclic aromatic
	hydrocarbons, PCBs, and Metals
Calleguas Creek Watershed	Salts
Calleguas Creek Watershed	Metals and Selenium
Ballona Creek, Ballona	Bacteria
Estuary, Marina del Rey Harbor	
Mothers' Beach and Sepulveda	
Channel Back Basins TMDL	
Marina Del Rey Harbor-Back	Copper, Lead, Zinc, and Chlordane, and
Basins Toxics TMDL	Total PCBs
Los Cerritos Channel Oxnard	Metals Pesticides, PCBs and Sediment
Drain 3 TMDL	Toxicity
San Gabriel River Metals and	Metals and Selenium
Selenium TMDL	Destade
Santa Clara River TMDL	Bacteria
Santa Clara River Chloride TMDL	Chloride
Santa Clara River Nitrogen TMDL	<u>Nutrients</u>
Santa Monica Bay	Dichlorodiphenyltrichloroethane and
<u>Dichlorodiphenyltrichloroethane</u>	Polychlorinated Biphenyls
and Polychlorinated Biphenyls	
<u>TMDLS</u>	

¹-Polychlorinated biphenyls

Water BodyTMDL	Pollutant
Santa Monica Bay Debris TMDL	Nearshore Debris
Santa Ana Regional	Water Quality Control Board
San Diego Creek and Newport	Toxic Pollutants
Bay <u>Toxics TMDL</u>	
San Diego Regional	Water Quality Control Board
Baby Beach and Shelter Island	Indicator Bacteria
Indicator Bacteria TMDL	
Chollas Creek Diazinon TMDL	Diazinon
Chollas Creek Metals TMDL	Copper, Lead, and Zinc
Los Peñasquitos Lagoon	Sediment
Sediment TMDL	
Rainbow Creek Watershed TMDL	Total Nitrogen and Total Phosphorus
Shelter Island Yacht Basin	Dissolved Copper
<u>Copper TMDL</u>	
Baby Beach in Dana Point Harbor	Indicator Bacteria
and Shelter Island Shereline Park	
in SD Bay	
Twenty Beaches and Creeks	Indicator Bacteria
Bacteria TMDL	

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

<u>1/5</u>	BLE E-Z. COIIID	<u>liance rable for r</u>		<u>eral Permit Requireme</u>	ants
<u>TMDL</u>	Impaired Waterbody/ Watershed	<u>Pollutants</u>	Additional TMDL-related Numeric Action Level or Numeric Effluent Limitation (TNAL/NEL)	Required Actions	Compliance Due Date
	San Francis	sco Regional Wat	er Quality Contro	l Board (Region 2)	
Napa River Sediment TMDL	Napa River Watershed	<u>Sediment</u>	<u>None</u>	Comply with General Permit	XXXX XX. 201X [Effective Date of these TMDL Requirements]
Sonoma Creek Sediment TMDL	Sonoma Creek Watershed	Sediment	<u>None</u>	Comply with General Permit	XXXX XX, 201X [Effective Date of these TMDL Requirements]
Walker Creek Mercury TMDL	Walker Creek and Soulajule Reservoir	<u>Mercury</u>	<u>None</u>	Comply with General Permit	XXXX XX, 201X (Effective Date of these TMDL Requirements)
	Los Angel	es Regional Wate	er Quality Control	Board (Region 4)	
	<u>or Sepulveda</u> <u>Sepulveda</u> <u>Lead</u> <u>Lead</u>	Total Copper Instantaneous Maximum NEL of 0.0137 mg/L	In addition to complying with this General Permit, Responsible Dischargers shall		
		<u>Lead</u>	Total Lead Instantaneous Maximum NEL of 0.07675 mg/L	take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric	XXXX XX, 201X (Effective Date of these TMDL Requirements)
		<u>Zinc</u>	Total Zinc Instantaneous Maximum NEL of 0.10477 mg/L	Effluent Limitations (NELs). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.	

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

Ballona Creek, Ballona Estuary, and Sepulveda Channel Bacteria (cont.)	Ballona Estuary (cont.)	<u>Total coliform</u>	Total coliform density Instantaneous Maximum TNAL of 10,000/100 mL 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,	<u>July 15, 2021</u>
	Sepulveda Channel	<u>E. coli</u>	E. coli density Instantaneous Maximum TNAL of 235/100 mL	and reporting shall be conducted in accordance with Section XI.B.	
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)	<u>None</u>	No additional requirements for sediment-based targets Comply with General Permit	XXXX XX, 201X (Effective Date of these TMDL Requirements)

Calleguas Creek Salt TMDL (cont.)	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)	Boron, chloride, sulfate, and total dissolved solids (TDS)	None	No additional requirements for sediment-based targets Comply with General Permit	XXXX XX, 201X (Effective Date of these TMDL Requirements)
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<u>Calleguas</u> Creek	Calleguas Creek, Conjeo Creek, or Revolon Slough	<u>Copper</u>	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 (Effective Date of these TMDL Requirements)
Watershed Metals and Selenium	Mugu Lagoon (Reach 1)	<u>Copper</u>	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

Calleguas Creek Watershed Metals and	Mugu Lagoon (Reach 1) (cont.)	<u>Nickel</u>	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
		<u>Mercury</u>	<u>None</u>	No additional requirements for sediment-based targets Comply with General Permit	XXXX XX, 201X (Effective Date of these TMDL Requirements)
Selenium (cont.)	Calleguas Creek, below Potrero Rd. (Reach 2)	<u>Copper</u>	Final Total Copper Instantaneous Maximum NEL of 0.0214 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

		<u>Mercury</u>	<u>None</u>	No additional requirements for sediment-based targets Comply with General Permit	XXXX XX, 201X (Effective Date of these TMDL Requirements)
Calleguas Creek Watershed Metals and Selenium (cont.)	Calleguas Creek, below Potrero Rd. (Reach 2) (cont.)	<u>Nickel</u>	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)	<u>Copper</u>	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

		<u>Mercury</u>	<u>None</u>	No additional requirements for sediment-based targets Comply with General Permit	XXXX XX, 201X (Effective Date of these TMDL Requirements)
Calleguas Creek Watershed Metals and Selenium (cont.)	Calleguas Creek, between Potrero Rd. and Somis Rd. (Reach 3) (cont.)	<u>Nickel</u>	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	<u>Copper</u>	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

		<u>Mercury</u>	<u>None</u>	No additional requirements for sediment-based targets Comply with General Permit	XXXX XX. 201X (Effective Date of these TMDL Requirements)		
Calleguas Creek Watershed Metals and Selenium	<u>Creek</u> (Reach 4) Watershed and Metals and Beardsley	Slough (Reach 4) and Beardsley Wash	Slough (Reach 4) and Beardsley	<u>Nickel</u>	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
(cont.) (Read	(cont.)	<u>Selenium</u>	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		

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

(Reaches 9A & 9B), Arroyo		<u>Copper</u>	Final Total Copper Instantaneous Maximum NEL of 0.0433 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
Calleguas Creek Watershed Metals and Selenium (cont.)	(Reach 10), Arroyo Santa Rosa (Reach 11), North Fork Arroyo Conejo (Reach 12),	<u>Mercury</u>	<u>None.</u>	No additional requirements for sediment-based targets Comply with General Permit	XXXX XX, 201X (Effective Date of these TMDL Requirements)
	and South Fork Arroyo Conejo (Reach 13)	<u>Nickel</u>	Total Nickel Instantaneous Maximum NEL of 1.29 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

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

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

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 (Effective Date of these TMDL Requirements)
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 Interim Total Lead Instantaneous	(See Required Actions continued on the next page)	XXXX XX, 201X (Effective Date of these TMDL Requirements)
		<u>Lead</u>	Maximum TNAL of 0.12288 mg/L		

Los Angeles and Long Beach Harbor Waters	Dominguez Channel or Torrance Lateral Channel	<u>Zinc</u>	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 (Effective Date of these TMDL Requirements)
TMDL (cont.)	(cont.)	<u>Copper</u>	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)	<u>May 5, 2032</u>

	<u>Dominguez</u> <u>Channel or</u>	<u>Lead</u>	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	
Los Angeles and Long Beach Harbor Waters TMDL (cont.)	Torrance Lateral Channel (cont.)	<u>Zinc</u>	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.	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
	Dominguez Channel Estuary	<u>Cadmium</u>	<u>None</u>	No additional requirements for sediment-based targets Comply with General Permit	XXXX XX, 201X (Effective Date of these TMDL Requirements)

		<u>Chlordane</u>	Interim requirement: No additional requirements for sediment- based targets Final Chlordane Instantaneous Maximum TNAL of 5.9 x10-7 mg/L	For interim requirements: comply with General Permit For final	
Los Angeles and Long Beach Harbor Waters TMDL (cont.)	Dominguez Channel Estuary (cont.)	<u>Copper</u>	Interim requirement: No additional requirements for sediment- based targets Final Total Copper Instantaneous Maximum TNAL of 0.0058 mg/L	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	May 5, 2032
		<u>4, 4' DDT</u>	Interim requirement: No additional requirements for sediment- based targets Final 4,4' DDT Instantaneous Maximum TNAL of 5.9 x10 ⁻⁷ mg/L	TMDL Numeric Action Level (TNAL). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.	

		<u>Dieldrin</u>	Interim requirement: No additional requirements for sediment- based targets Final Dieldrin Instantaneous Maximum TNAL of 1.4 x10 ⁻⁷ mg/L	For interim requirements: comply with General Permit	
Los Angeles and Long Beach Harbor Waters TMDL (cont.)	Dominguez Channel Estuary (cont.)	<u>Lead</u>	Interim requirement: No additional requirements for sediment- based targets Final Total Lead Instantaneous Maximum TNAL of 0.221 mg/L	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	<u>May 5, 2032</u>
		<u>PAHs</u>	Interim requirement: No additional requirements for sediment- based targets Final PAH Instantaneous Maximum TNAL of 0.000049 mg/L	corresponding TMDL Numeric Action Level (TNAL). Sample, collection, and reporting shall be conducted in accordance with Section XI.B.	

	Dominguez Channel Estuary	<u>PCBs</u>	Interim requirement: No additional requirements for sediment- based targets Final Total PCBs Instantaneous Maximum TNAL of 1.7 x10-7 mg/L	For interim requirements: comply with General Permit	
Los Angeles and Long Beach Harbor Waters TMDL (cont.)	(cont.)	<u>Zinc</u>	Interim requirement: No additional requirements for sediment- based targets Final Total Zinc Instantaneous Maximum TNAL of 0.095 mg/L	For final requirements: In addition to complying with this General Permit, Responsible Dischargers shall take QSE samples in accordance with	<u>May 5, 2032</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	<u>Copper</u>	Interim requirement: No additional requirements for sediment- based targets Final Total Copper Instantaneous Maximum TNAL of 0.0058 mg/L	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.	

	Greater Los Angeles/ Long Beach	<u>4, 4' DDT</u>	Interim requirement: No additional requirements for sediment- based targets Final 4,4' DDT Instantaneous Maximum TNAL of 5.9 x10 ⁻⁷ mg/L	For interim requirements: comply with General Permit For final requirements: In	
Los Angeles and Long Beach Harbor Waters TMDL (cont.)	Harbor waters including: Inner and Outer Harbor, Main Channel, Southwest Slip, Cabrillo Marina, Inner Cabrillo Beach, Los Angeles River Estuary, and	<u>Lead</u>	Interim requirement: No additional requirements for sediment- based targets Final Total Lead Instantaneous Maximum TNAL of 0.221 mg/L	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).	<u>May 5, 2032</u>
	San Pedro Bay (cont.)	<u>PCBs</u>	Interim requirement: No additional requirements for sediment- based targets Final Total PCBs Instantaneous Maximum TNAL of 1.7 x10 ⁻⁷ mg/L	Sample, collection, and reporting shall be conducted in accordance with Section XI.B.	

Los Angeles and Long Beach Harbor Waters	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>Zinc</u>	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
TMDL (cont.)		<u>Cadmium</u>	<u>None</u>	No additional requirements for	XXXX XX,
		<u>Chromium</u>	<u>None</u>	<u>sediment-based</u> <u>targets</u>	201X (Effective Date of these TMDL
		<u>Mercury</u>	<u>None</u>	Comply with General Permit	Requirements)
	Consolidated Slip	<u>Copper</u>	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)	<u>May 5, 2032</u>

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

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Los Angeles and Long Beach Harbor Waters TMDL (cont.)		<u>Mercury</u>	<u>None</u>	No additional requirements for sediment-based targets Comply with General Permit	XXXX XX, 201X (Effective Date of these TMDL Requirements
		Copper	Interim requirement: No additional requirements for sediment- based targets Final Total Copper Instantaneous Maximum TNAL of 0.0058 mg/L	in accordance with Section XI.B and shall compare the results to the corresponding TMDL Numeric Action Level (TNAL).	
	<u>Fish Harbor</u>	<u>4, 4' DDT</u>	requirement: No additional requirements for sediment- based targets Final 4,4' DDT Instantaneous Maximum TNAL of 5.9 x10-7 mg/L		May 5, 2032
		<u>Lead</u>	Interim requirement: No additional requirements for sediment- based targets Final Total Lead Instantaneous Maximum TNAL of 0.221 mg/L	Sample, collection, and reporting shall be conducted in accordance with Section XI.B.	

Los Angeles and Long Beach Harbor Waters	Fish Harbor (cont.)	<u>PCBs</u>	Interim requirement: No additional requirements for sediment- based targets Final Total PCBs Instantaneous Maximum TNAL of 1.7 x10-7 mg/L Interim	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	May 5, 2032
TMDL (cont.)		<u>Zinc</u>	requirement: No additional requirements for sediment- based targets Final Total Zinc Instantaneous Maximum TNAL of 0.095 mg/L	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>Chlordane</u>	<u>None</u>	No additional requirements for	XXXX XX,
Los Angeles Area Lakes	Peck Road	<u>DDTs</u>	<u>None</u>	<u>sediment-based</u> <u>targets</u>	201X (Effective Date of
<u>TMDL</u>	<u>Park</u>	<u>Dieldrin</u>	<u>None</u>	Comply with General Permit	these TMDL Requirements)

		<u>Nitrogen</u>	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.	
Los Angeles Area Lakes TMDL (cont.)	<u>Peck Road</u> <u>Park</u>	<u>PCBs</u>	<u>None</u>	No additional requirements for sediment-based targets Comply with General Permit	XXXX XX. 201X (Effective Date of these TMDL Requirements)
		<u>Phosphorous</u>	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.	

	Peck Road Park (cont.)	<u>Trash</u>	<u>None</u>	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 (Effective Date of these TMDL Requirements)
		<u>Chlordane</u>	<u>None</u>	No additional requirements for	
Los Angeles Area Lakes TMDL		<u>Dieldrin</u>	<u>None</u>	sediment-based targets Comply with General Permit	
(cont.)	<u>Echo Park</u> <u>Lake</u>	<u>Nitrogen</u>	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.	XXXX XX. 201X (Effective Date of these TMDL Requirements)
		<u>PCBs</u>	<u>None</u>	No additional requirements for sediment-based targets Comply with General Permit	

Los Angeles Area Lakes TMDL (cont.)	Echo Park Lake	<u>Phosphorous</u>	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 (Effective Date of these TMDL Requirements)
		<u>Trash</u>	<u>None</u>	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 (Effective Date of these TMDL Requirements)
	<u>Legg Lakes</u>	<u>Nitrogen</u>	Total Nitrogen Instantaneous Maximum NEL of 1.8 mg/L	(See Required Actions continued on the next page)	XXXX XX, 201X (Effective Date of these TMDL Requirements)

Los Angeles Area Lakes TMDL (cont.)	<u>Legg Lakes</u> (cont.)	<u>Phosphorous</u>	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 (Effective Date of these TMDL Requirements)
		<u>Chlordane</u>	<u>None</u>	No additional requirements for	
		<u>DDTs</u>	<u>None</u>	sediment-based targets	
		<u>Dieldrin</u>	<u>None</u>	Comply with General Permit	
	Puddingstone Reservoir	<u>Nitrogen</u>	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.	XXXX XX, 201X (Effective Date of these TMDL Requirements)

Los Angeles Area Lakes TMDL (cont.)	Puddingstone Reservoir (cont.)	Phosphorous PCBs	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. No additional requirements for sediment-based targets Comply with General Permit	XXXX XX, 201X (Effective Date of these TMDL Requirements)
		<u>Mercury</u>	Total Mercury Instantaneous Maximum NEL of 4 x10 ⁻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 (Effective Date of these TMDL Requirements)

Los Angeles Area Lakes TMDL (cont.)	Puddingstone Reservoir (cont.)	Methylmercury	Dissolved Methylmercury Instantaneous Maximum NEL of 0.081 x10 ⁻⁸ 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 (Effective Date of these TMDL Requirements)
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		Enterococcus	Enterococcus density Instantaneous Maximum TNAL of 104/100 mL Fecal coliform density	In addition to complying with this General Permit.	
	Los Angeles	Fecal coliform	Instantaneous Maximum TNAL of 400/100 mL Total coliform	Responsible Dischargers shall take QSE samples in accordance with	V0/0/ V/
Los Angeles Harbor Bacteria	Harbor (Inner Cabrillo Beach and Main Ship Channel)	Total coliform	density Instantaneous Maximum TNAL of 10,000/100 mL	Section XI.B and shall compare the results to the corresponding TMDL Numeric Action Level (TNAL).	XXXX XX, 201X (Effective Date of these TMDL Requirements)
		Total coliform	Total coliform density Instantaneous Maximum TNAL of 1,000/100 mL, if the ratio of fecal-to-total coliform exceeds 0.1	Sample, collection, and reporting shall be conducted in accordance with Section XI.B.	
Los Angeles River Nitrogen TMDL	Los Angeles	Nitrate-nitrogen	Nitrate-nitrogen Instantaneous Maximum NEL of 8.0 mg/L	(See Required Actions continued on the next page)	XXXX XX, 201X (Effective Date of these TMDL Requirements)
	<u>River</u> <u>Watershed</u>	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		

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

Los Angeles River Metals TMDL (cont.)	Los Angeles River or Los Angeles River Tributaries (cont.)	<u>Zinc</u>	Total Zinc Instantaneous Maximum NEL of 0.159 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 (Effective Date of these TMDL Requirements)
		<u>Copper</u>	Total Copper Instantaneous Maximum NEL of 0.0098 mg/L	In addition to complying with this General Permit,	
Los Corritos		<u>Lead</u>	Total Lead Instantaneous Maximum NEL of 0.0558 mg/L	Responsible Dischargers shall take QSE samples in accordance with Section XI.B and	XXXX XX,
Los Cerritos Channel TMDL	Los Cerritos Channel	<u>Zinc</u>	Total Zinc Instantaneous Maximum NEL of 0.0956 mg/L	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 these TMDL Requirements)

		<u>Nitrogen</u>	Total Nitrogen Instantaneous Maximum NEL of 1.0 mg/L	In addition to complying with this General Permit. Responsible Dischargers shall take QSE samples	
Machado Lake Nutrient TMDL	<u>Machado</u> <u>Lake</u>	<u>Phosphorous</u>	Total Phosphorus Instantaneous Maximum NEL of 0.1 mg/L	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 (Effective Date of these TMDL Requirements)
		<u>Chlordane</u>	<u>None</u>		
		DDD¹ (all congeners)	<u>None</u>	No additional	
<u>Machado</u>		<u>DDE² (all</u> congeners)	<u>None</u>	No additional requirements for	XXXX XX,
Lake Toxics TMDL	<u>Machado</u> <u>Lake</u>	<u>DDT (all</u> congeners)	<u>None</u>	sediment-based targets	201X (Effective Date of these TMDL
		Total DDT	<u>None</u>	Comply with General Permit	Requirements)
		<u>Dieldrin</u>	<u>None</u>	<u>General Permit</u>	
		<u>PCBs</u>	<u>None</u>		
Marina del Rey Back	Marina del Rey Harbor Mothers'	Enterococcus	Enterococcus density Instantaneous Maximum TNAL of 104/100 mL	(See Required Actions continued	XXXX XX, 201X (Effective Date of
Basins Bacteria TMDL	Beach and back basins (Basins D, E, and F)	Fecal coliform	Fecal coliform density Instantaneous Maximum TNAL of 400/100 mL	on the next page)	these TMDL Requirements)

¹ Dichlorodiphenyldichloroethane ² Dichlorodiphenyldichloroethylene

Marina del Rey Back Basins Bacteria TMDL (cont.)	Marina del Rey Harbor Mothers' Beach and back basins (Basins D, E, and F) (cont.)	<u>Total coliform</u>	Total coliform density Instantaneous Maximum TNAL of 10,000/100 mL 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 (Effective Date of these TMDL Requirements)
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		<u>Chlordane</u>	<u>None</u>		
		<u>Copper</u>	<u>None</u>	No additional requirements for	XXXX XX.
Marina del		p,p' DDE	<u>None</u>		
Rey Harbor Toxics	<u>Marina del</u> <u>Rey Harbor</u>	<u>DDT</u>	<u>None</u>	sediment-based targets	201X (Effective Date of these TMDL
TMDL		<u>Lead</u>	<u>None</u>	Comply with General Permit	Requirements)
		<u>PCBs</u>	<u>None</u>	<u>General Permit</u>	
		<u>Zinc</u>	<u>None</u>		
		<u>Chlordane</u>	<u>None</u>		
		<u>DDD</u>	<u>None</u>	No additional	XXXX XX. 201X (Effective Date of these TMDL
Overand	Oxnard Drain Number 3	<u>DDE</u>	<u>None</u>	No additional requirements for sediment-based targets	
Oxnard Drain 3 TMDL		<u>DDT</u>	<u>None</u>		
TIVIDE		<u>Dieldrin</u>	<u>None</u>	Comply with General Permit	<u>Requirements)</u>
		<u>PCBs</u>	<u>None</u>	<u>General Permit</u>	
		<u>Toxaphene</u>	<u>None</u>		
	San Gabriel River Reach 2 or its tributary/ies	<u>Lead</u>	Total Lead Instantaneous Maximum NEL of 0.166 mg/L		
San Gabriel River Metals and Selenium TMDL	Coyote Creek	<u>Copper</u>	Total Copper Instantaneous Maximum NEL of 0.027 mg/L	(See Required Actions continued on the next page)	XXXX XX, 201X (Effective Date of these TMDL Requirements)
	or its tributary/ies	<u>Lead</u>	Total Lead Instantaneous Maximum NEL of 0.106 mg/L		

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

	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	
Santa Clara River Nitrogen TMDL	Santa Clara River Reach 7	Ammonia as <u>Nitrogen</u>	Total Ammonia as Nitrogen Instantaneous Maximum NEL of 5.2 mg/L	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 (Effective Date of these TMDL Requirements)
Santa Monica Bay		<u>DDT</u>	<u>None</u>	No additional requirements for	XXXX XX.
DDTs and PCBs TMDL	Santa Monica Bay	<u>PCB</u>	<u>None</u>	sediment-based targets Comply with General Permit	201X (Effective Date of these TMDL Requirements)
Santa Monica Bay Debris TMDL	Santa Monica Bay	Plastic Pellets	<u>None</u>	Comply with General Permit.	XXXX XX, 201X (Effective Date of these TMDL Requirements)

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

LIST OF <u>EXISTING</u> TOTAL MAXIMUM DAILY LOADS (TMDLS) APPLICABLE TO INDUSTRIAL STORM WATER <u>DISCHARGERS</u>DISCHARGES

		<u>Lead</u>	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	
San Diego Creek and Newport Bay Toxics TMDL (cont.)	<u>Upper</u> <u>Newport Bay</u>	<u>Zinc</u>	Total Zinc Instantaneous Maximum NEL of 0.095 mg/L Discharge Requirement for boatyards is 0 (zero) lbs/year into Upper Newport Bay.	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 (Effective Date of these TMDL Requrements)
	Lower Newport Bay and Bay Segments (including Costa Mesa Channel and Santa Ana Delhi Channel)	<u>Copper</u>	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)	

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

San Diego Creek and Newport Bay Toxics TMDL (cont.)	Rhine Channel area of Lower Newport Bay (saltwater)	<u>Zinc</u>	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 (Effective Date of these TMDL Requirements)
San I	<u>Diego Regional I</u>	Water Quality Rec	ional Water Qual	ity Control Board (Re	gion 9)
Baby Beach in Dana Point Harbor and	Dana Point Harbor – Baby Beach (Dana Point HSA ³ 901.14)	Total coliform, Fecal coliform, Enterococcus (Indicator Bacteria)	<u>None</u>	Comply with	<u>XXXX XX,</u> 201X
Shelter Island Shoreline Park TMDL	San Diego Bay – Shelter Island Shoreline Park (Point Loma HA ⁴ 908.10)	Total coliform, Fecal coliform, Enterococcus (Indicator Bacteria)	<u>None</u>	General Permit	(Effective Date of these TMDL Requirements)
Chollas Creek Diazinon TMDL	Chollas Creek Watershed	<u>Diazinon</u>	<u>None</u>	Comply with General Permit	XXXX XX, 201X (Effective Date of these TMDL Requirements)

³ Hydrologic Sub-area (HSA)

⁴ Hydrologic Areas (HA)

			0-5		
		<u>Copper</u>	Copper Instantaneous Maximum NEL of 0.083 mg/L (Total metals)	In addition to complying with this General Permit, Responsible Dischargers shall	
Chollas Creek Metal TMDL	Chollas Creek	<u>Lead</u>	Lead Instantaneous Maximum NEL of 0.068 mg/L (Total metals)	take QSE samples in accordance with Section XI.B and shall compare the results to the corresponding	XXXX XX, 201X (Effective Date of these TMDL
		<u>Zinc</u>	Zinc Instantaneous Maximum NEL of 0.175 mg/L (Total metals)	TMDL Numeric Effluent Limitation (NEL). Sample. collection, and reporting shall be conducted in accordance with Section XI.B.	<u>Requirements)</u>
Los Peñasquitos Lagoon Sediment TMDL	<u>Los</u> <u>Peñasquitos</u> <u>Lagoon</u> <u>Watershed</u>	Sediment	<u>None</u>	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 15th of each reporting year).	July 14, 2034
Rainbow Creek Watershed TMDL	Rainbow Creek Watershed	Nitrogen and Phosphorous	<u>None</u>	Comply with General Permit	XXXX XX, 201X (Effective Date of these TMDL Requirements)

Shelter Island Yacht Basin Copper TMDL	Shelter Island Yacht Basin	<u>Copper</u>	<u>None</u>	Comply with General Permit	XXXX XX, 201X (Effective Date of these TMDL Requirements)
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 (Effective Date of these TMDL Requirements

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.

Twenty Beaches and Creeks Indicator Bacteria (cont.)	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	Enterococcus, Total Coliform, and Fecal Coliform (Indicator Bacteria)	<u>None</u>	<u>Comply with</u> <u>General Permit</u>	XXXX XX, 201X (Effective Date of these TMDL Requirements)
	Chollas Creek (908.22)				