

RECEIVING WATER MONITORING BEING CONDUCTED BY MAJOR NPDES DISCHARGERS WITHIN THE CORE REGULATORY PROGRAM OF THE SAN DIEGO WATER BOARD

Facility Information		Receiving Water Information		
Facility Name	Receiving Water	No. of Stations	Frequency	Parameters
BAE Systems San Diego Ship Repair Inc.	San Diego Bay	1	1/quarter 1/year	Arsenic (Total Recoverable), Copper (Total Recoverable), Lead (Total Recoverable) Remaining CTR Priority Pollutants
Cabrillo Power 1 LLC	Pacific Ocean	Dispersion Area Stations: 10 Reference Area Stations: 4	2/year	Light Transmittance (Secchi Disk), Dissolved Oxygen, pH
Continental Maritime IND, INC	San Diego Bay	1	1/year	CTR Priority Pollutants
Dynegy South Bay LLC	San Diego Bay	12	Monthly Weekly	Temperature, Dissolved Oxygen, Transparency (Secchi Disk), Salinity, Copper (Total Recoverable), Cadmium, Lead, Mercury, Arsenic, Chromium (Total), Chromium (hexavalent), Silver, Zinc Total Chlorine Residual
Encina Wastewater Authority	Pacific Ocean	Surf Zone Stations: 5	1/week	Total Coliform, Fecal Coliform, Enterococcus, Visual Observations
		Near Shore Stations: 5	1/month	Total Coliform, Fecal Coliform, Enterococcus, Visual Observations (reduced monitoring; surface only), Intensive Monitoring to be conducted 1 time during the life cycle of Order R9-2011-0019 monitoring the same constituents at both surface and mid-depth.
		Offshore Stations: 5	1/month	(Reduced Monitoring) Total Coliform, Fecal Coliform, Enterococcus, Visual Observations
			1/month	(Intensive Monitoring) Total Coliform, Fecal Coliform, Enterococcus, Visual Observations, Conductivity, Temperature, Depth, Dissolved Oxygen, Light Transmittance, pH
			1/year	Arsenic, Cadmium, Total Chromium, Copper, Lead, Mercury, Nickel, Silver, Zinc, Cyanide, Phenolic Compounds, Radioactivity
			2/year	Sulfides, Total Chlorinated Hydrocarbons, Biochemical Oxygen Demand (5-day @ 20°C), Particle Size Distribution
Benthic Monitoring: 5; (To be conducted 1 time during the life cycle of Order R9-2011-0019)	2/year	Infauna: Mollusks, Echinoderms, Polychaetes, Crustaceans, All other macroinvertebrates		
Trawl Stations: 4	1/year	Fish and Macroinvertebrates, Priority Pollutants determined from liver tissue sample of one commercially or ecologically important fish		
Escondido City (discharge to Escondido Creek)	Escondido Creek	6	1/quarter	Flowrate, pH, Nitrogen (series), Phosphorus (series), Dissolved Oxygen, Total Dissolved Solids, Volatile Suspended Solids
Escondido City (discharge to San Elijo Ocean Outfall)	Pacific Ocean	Surf Zone Stations: 8	1/week	Total Coliform, Fecal Coliform, Enterococcus, visual observations
		Near Shore Stations: 7	1/month	(Reduced Monitoring) Total Coliform, Fecal Coliform, Enterococcus, Visual Observations; (intensive Monitoring to be conducted 1 time during the life cycle of Order R9-2010-0086 observing the same constituents as listed above at both surface and mid-depth)
		Offshore Stations: 7	1/month	(Reduced Monitoring) Total Coliform, Fecal Coliform, Enterococcus, Visual Observations
			1/month	(Intensive Monitoring to be conducted 1 time during the life cycle of Order R9-2010-0086) Visual Observations, Total Coliform, Fecal Coliform, Enterococcus, Temperature, Dissolved Oxygen, Light Transmittance, pH
			1/year	Arsenic, Cadmium, Total Chromium, Copper, Lead, Mercury, Nickel, Silver, Zinc, Cyanide, Phenolic Compounds, Radioactivity
			2/year	Sulfides, Total Chlorinated Hydrocarbons, Biochemical Oxygen Demand (5-day @ 20°C), Chemical Oxygen Demand, Particle Size Distribution
Benthic Monitoring: 7; (To be conducted 1 time during the life cycle of Order R9-2010-0086)	2/year	Infauna		

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		Biological Transects: 3 (To be conducted 1 time during the life cycle of Order R9-2010-0086)	1/year	Demersal Fish and Macroinvertebrates
Escondido City (Brine discharge to San Elijo Ocean Outfall)	Pacific Ocean	Surf Zone Stations: 7	1/week	Temperature (F°)
Fallbrook Public Utility Dist	Pacific Ocean	Surf Zone Stations: 5	1/week	Total Coliform, Fecal Coliform, Enterococcus, visual observations (Reduced Monitoring)
		Near Shore Stations: 5	1/month	Total Coliform, Fecal Coliform, Enterococcus, Visual Observations; (intensive Monitoring to be conducted 1 time during the life cycle of Order R9-2006-0002 observing the same constituents as listed above at both surface and mid-depth)
			1/month	(Reduced Monitoring) Total Coliform, Fecal Coliform, Enterococcus, Visual Observations
		Offshore Stations: 7	1/month	(Intensive Monitoring to be conducted 1 time during the life cycle of Order R9-2006-0002) Visual Observations, Total Coliform, Fecal Coliform, Enterococcus, Conductivity, Temperature and Depth (CTD), Dissolved Oxygen, Light Transmittance, pH
		Benthic Monitoring: 7; (To be conducted 1 time during the life cycle of Order R9-2006-0002)	2/year	Sulfides, Total Chlorinated Hydrocarbons, BOD, COD, Particle Size Distribution
			1/year	Arsenic, Cadmium, Total Chromium, Copper, Lead, Mercury, Nickel, Silver, Zinc, Cyanide, Phenolic Compounds, Radioactivity
			2/year	Infauna
			1/year	Demersal Fish and Macroinvertebrates
General Dynamics National Steel & Shipbuilding Co (NASSCO)	San Diego Bay	1	1/month 1/quarter 1/year	Copper (Total Recoverable) Cadmium (Total Recoverable), Nickel (Total Recoverable), Zinc (Total Recoverable) Remaining CTR Priority Pollutants
IBWC-US & Mexico Section	Pacific Ocean	Shore Stations: 12	1/week (May 1-Oct 31): 2/month (Nov 1-Apr 30)	Total Coliform, Fecal Coliform, Enterococcus, visual observations
			5/month	(Stations I25, I26, I39) Total Coliform, Fecal Coliform, Enterococcus
		Offshore Stations: 40	1/month	(Stations I3, I5, I7-I14, I16, I18-I24, I30, I32, I33, I36-I38, I40) Total Coliform, Fecal Coliform, Enterococcus
			1/month	(All Stations) Temperature, pH, Salinity, Dissolved Oxygen, Transmissivity
			1/month	(Stations I3, I5, I7-I14, I16, I18-I26, I30, I32, I33, I36-I40) Oil and Grease, Total Suspended Solids
		Benthic Monitoring: 27 (offshore stations)	1/quarter	Benthic Monitoring Order R9-1996 0050.pdf
			2/year	Infauna: Mollusks, Echinoderms, Polychaetes, Crustaceans, and other taxa:
Fish Trawls: 7	1/quarter	Fish Monitoring Requirements		
Rig Fishing: 2	2/year	Rig Fishing Requirements		
		Surf Zone Stations: 5	1/week	Total Coliform, Fecal Coliform, Enterococcus, visual observations (Reduced Monitoring)
		Near Shore Stations: 5	1/month	Total Coliform, Fecal Coliform, Enterococcus, Visual Observations; (intensive Monitoring to be conducted 1 time during the life cycle of Order R9-2008-0096 observing the same constituents as listed above at both surface and mid-depth)

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Marine Corps Base, Camp Pendleton	Pacific Ocean	Offshore Stations: 7	1/month	(Intensive Monitoring to be conducted 1 time during the life cycle of Order R9-2008-0096) Visual Observations, Total Coliform, Fecal Coliform, Enterococcus, Conductivity, Temperature and Depth (CTD), Dissolved Oxygen, Light Transmittance, pH
		Benthic Monitoring: 7; (To be conducted 1 time during the life cycle of Order R9-2008-0096)	2/year	Sulfides, Total Chlorinated Hydrocarbons, BOD, COD, Particle Size Distribution
			1/year	Arsenic, Cadmium, Total Chromium, Copper, Lead, Mercury, Nickel, Silver, Zinc, Cyanide, Phenolic Compounds, Radioactivity
			2/year	Infauna
Biological Transects: 3 (To be conducted 1 time during the life cycle of Order R9-2008-0096)	1/year	Demersal Fish and Macroinvertebrates		
Oceanside City	Pacific Ocean	Surf Zone Stations: 7	1/week	Total Coliform, Fecal Coliform, Enterococcus, visual observations
		Near Shore Stations: 7	1/month	(Reduced Monitoring) Total Coliform, Fecal Coliform, Enterococcus, Visual Observations; (intensive Monitoring to be conducted 1 time during the life cycle of Order R9-2011-0016 observing the same constituents as listed above at both surface and mid-depth)
			1/month	(Reduced Monitoring) Total Coliform, Fecal Coliform, Enterococcus, Visual Observations
		Offshore Stations: 7	1/month	(Intensive Monitoring to be conducted 1 time during the life cycle of Order R9-2011-0016) Visual Observations, Total Coliform, Fecal Coliform, Enterococcus, Conductivity, Temperature and Depth (CTD), Dissolved Oxygen, Light Transmittance, pH
		Benthic Monitoring: 7; (To be conducted 1 time during the life cycle of Order R9-2011-0016)	2/year	Sulfides, Total Chlorinated Hydrocarbons, BOD (5-day @ 20°C), COD, Particle Size Distribution
			1/year	Arsenic, Cadmium, Total Chromium, Copper, Lead, Mercury, Nickel, Silver, Zinc, Cyanide, Phenolic Compounds, Radioactivity
2/year	Infauna			
Biological Transects: 3 (To be conducted 1 time during the life cycle of Order R9-2011-0016)	1/year	Demersal Fish and Macroinvertebrates		
Padre Dam Municipal Water District	Sycamore Creek	7	1/month 1/quarter 1/year	R9-2009-0037 Receiving Water Requirements.pdf
San Diego City Metropolitan Wastewater Dept - Point Loma WWTP	Pacific Ocean	Offshore Stations: 36	1/quarter	Temperature, Salinity, Dissolved Oxygen, Light Transmittance, Chlorophyll a, pH, Ammonium, Visual Observations, Enterococcus
		Kelp Stations: 8	5/month	Temperature, Salinity, Dissolved Oxygen, Light Transmittance, Chlorophyll a, pH, Visual Observations, Total Coliform, Fecal Coliform, Enterococcus
		Shoreline Stations: 8	1/quarter	Ammonium
		Offshore Sediment Stations: 22	5/month	Visual Observations, Total Coliform, Fecal Coliform, Enterococcus
			2/year	Offshore Sediment Monitoring.pdf
Trawl Stations: 6	2/year	Fish and Invertebrates		
			1/year	Chemical Analyses of fish tissue performed on target species for presence and concentrations of lipids, PCB (congeners), chlorinated pesticides, mercury, arsenic and selenium

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		Rig Fishing: 2	1/year	Primarily rockfish. Muscle tissues shall be analyzed for presence and concentrations of lipids, PCB (congeners), chlorinated pesticides, cadmium, chromium, copper, lead, mercury, arsenic, selenium, tin and zinc
San Diego City Metropolitan Wastewater Dept - South Bay Water Reclamation Plant	Pacific Ocean	Offshore Stations: 40	1/month	Temperature, pH, Salinity, Dissolved Oxygen, Light Transmittance, Oil and Grease, Total Suspended Solids, Total Coliform, Fecal Coliform, Enterococcus
		Shoreline Stations: 11	1/week	Visual Observations, Total Coliform, Fecal Coliform, Enterococcus
		Fish Trawls: 7	1/week	Total Coliform, Fecal Coliform, Enterococcus
		Rig Fishing: 2	1/quarter	See Sediment Monitoring Requirements per Order R9-2006-0067 below. (Replace Sediment grain size, total organic carbon, and total nitrogen with Total Lipids)
		Benthic Monitoring: 27	2/year	See Sediment Monitoring Requirements per Order R9-2006-0067 below. (Replace Sediment grain size, total organic carbon, and total nitrogen with Total Lipids)
			2/year	R9-2006-0067 Sediment Monitoring Requirements.pdf
San Elijo Joint Powers	Pacific Ocean	Surf Zone Stations: 8	1/week	Total Coliform, Fecal Coliform, Enterococcus, visual observations
		Near Shore Stations: 7	1/month	(Reduced Monitoring)Total Coliform, Fecal Coliform, Enterococcus, Visual Observations; (intensive Monitoring to be conducted 1 time during the life cycle of Order R9-2010-0087 observing the same constituents as listed above at both surface and mid-depth)
		Offshore Stations: 7	1/month	(Reduced Monitoring)Total Coliform, Fecal Coliform, Enterococcus, Visual Observations
			1/month	(Intensive Monitoring to be conducted 1 time during the life cycle of Order R9-2010-0087) Visual Observations, Total Coliform, Fecal Coliform, Enterococcus, Temperature, Dissolved Oxygen, Light Transmittance, pH
		Benthic Monitoring: 7; (To be conducted 1 time during the life cycle of Order R9-2010-0087)	1/year	Arsenic, Cadmium, Total Chromium, Copper, Lead, Mercury, Nickel, Silver, Zinc, Cyanide, Phenolic Compounds, Radioactivity
			2/year	Sulfides, Total Chlorinated Hydrocarbons, Biochemical Oxygen Demand (5-day @ 20°C), Chemical Oxygen Demand, Particle Size Distribution
	2/year	Infauna		
		Biological Transects: 3 (To be conducted 1 time during the life cycle of Order R9-2010-0087)	1/year	Demersal Fish and Macroinvertebrates
SeaWorld Parks & Entertainment, Inc. a Delaware Corporation, SeaWorld LLC	Mission Bay	2	1/month	Visual Observations: floating and suspended material, visible sheens, discoloration or odors
SOCWA-ALISO CREEK OCEAN O/F	Pacific Ocean	Surf Zone Stations: 16	2/week	Total Coliform, Fecal Coliform, Enterococcus, visual observations
		Near Shore Stations: 7	1/month	(Reduced Monitoring)Total Coliform, Fecal Coliform, Enterococcus, Visual Observations; (intensive Monitoring to be conducted 1 time during the life cycle of Order R9-2006-0055 observing the same constituents as listed above at both surface and mid-depth)
		Offshore Stations: 7	1/month	(Reduced Monitoring)Total Coliform, Fecal Coliform, Enterococcus, Visual Observations
			1/month	(Intensive Monitoring to be conducted 1 time during the life cycle of Order R9-2006-0055) Visual Observations, Total Coliform, Fecal Coliform, Enterococcus, Salinity, Depth, Temperature, Dissolved Oxygen, Light Transmittance, pH
		Benthic Monitoring: 7; (To be conducted 1 time during the life cycle of Order R9-2006-0055)	1/year	Arsenic, Cadmium, Total Chromium, Copper, Lead, Mercury, Nickel, Silver, Zinc, Cyanide, Phenolic Compounds, Radioactivity
	2/year	Sulfides, Total Chlorinated Hydrocarbons, BOD, COD, Particle Size Distribution		

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SOCWA-San Juan Creek O/F	Pacific Ocean	cycle of Order R9-2006-0054) Surf Zone Stations: 18 Near Shore Stations: 6 Offshore Stations: 7 Benthic Monitoring: 7; (To be conducted 1 time during the life cycle of Order R9-2006-0054) Biological Transects: 3 (To be conducted 1 time during the life cycle of Order R9-2006-0054)	2/year	Infauna
			1/week	(Nov 1-Apr 30) Total Coliform, Fecal Coliform, Enterococcus, visual observations
			2/week	(May 1-Oct 31) Total Coliform, Fecal Coliform, Enterococcus, visual observations
			1/month	(Reduced Monitoring) Total Coliform, Fecal Coliform, Enterococcus, Visual Observations; (intensive Monitoring to be conducted 1 time during the life cycle of Order R9-2006-0054 observing the same constituents as listed above at both surface and mid-depth)
			1/month	(Reduced Monitoring) Total Coliform, Fecal Coliform, Enterococcus, Visual Observations
			1/month	(Intensive Monitoring to be conducted 1 time during the life cycle of Order R9-2006-0054) Visual Observations, Total Coliform, Fecal Coliform, Enterococcus, Salinity, Depth, Temperature, Dissolved Oxygen, Light Transmittance, pH
Southern California Edison - San Clemente - SONGS Unit 2	Pacific Ocean	Continuous Temp. Mon. Stations: 3 Trawl Stations: 3 Kelp Site Sampling Stations: 6 29	1/year	Arsenic, Cadmium, Total Chromium, Copper, Lead, Mercury, Nickel, Silver, Zinc, Cyanide, Phenolic Compounds, Radioactivity
			2/year	Sulfides, Total Chlorinated Hydrocarbons, BOD, COD, Particle Size Distribution
			2/year	Infauna
			1/year	Demersal Fish and Macroinvertebrates
			Continuous	Temperature
			1/quarter	Fish Populations
Southern California Edison - San Clemente - SONGS Unit 3	Pacific Ocean	Continuous Temp. Mon. Stations: 3 Trawl Stations: 3 Kelp Site Sampling Stations: 6 29	3/year	Kelp Densities: Fixed Quadrant Sampling
			2/year	Kelp Densities: Random Quadrant Sampling
			1/quarter	Temperature profiles, pH, Dissolved Oxygen
			Continuous	Temperature
			1/quarter	Fish Populations
			3/year	Kelp Densities: Fixed Quadrant Sampling
US Navy Southwest Division - NB Point Loma	San Diego Bay		2/year	Kelp Densities: Random Quadrant Sampling
			1/quarter	Temperature profiles, pH, Dissolved Oxygen
US Navy Southwest Division - NB San Diego	San Diego Bay		1/year	Priority Pollutants to be monitored 1/year one time though the lifecycle of Order R9-2002-0002, see pollutants below
			2/year	Dioxin and Congeners (17 congeners 2, 3, 7, 8-TCDD) to be monitored 2/year one time though the lifecycle of Order R9-2002-0002, see pollutants below Priority Pollutants R9-2002-0002.pdf
US Navy Southwest Division - NB Coronado R9-2009-0081	San Diego Bay/Pacific Ocean	RSW-001 (San Diego Bay), RSW-002 (Pacific Ocean)	1/year	Priority Pollutants to be monitored 1/year one time though the lifecycle of Order R9-2002-0169, see pollutants below
			1/quarter	Dioxin and Congeners (17 congeners 2, 3, 7, 8-TCDD) to be monitored 2/year one time though the lifecycle of Order R9-2002-0169, see pollutants below Priority Pollutants R9-2002-0169.pdf
			1/year	TCDD-Equivalents, Priority Pollutants
			1/quarter	Temperature