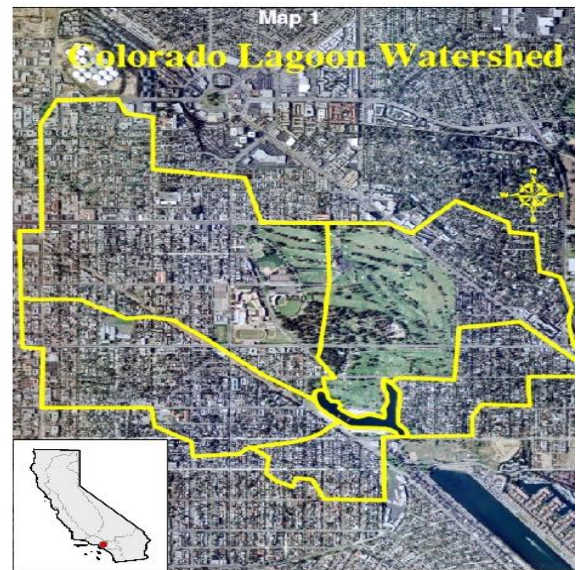


Water Quality Report Card		Pesticides, PCBs, Sediment Toxicity, PAHs, and Metals TMDL in Colorado Lagoon	
<b>Regional Water Board:</b>	Los Angeles, Region 4	<b>STATUS</b>	<input checked="" type="checkbox"/> Conditions Improving <input type="checkbox"/> Data Inconclusive <input type="checkbox"/> Improvement Needed <input type="checkbox"/> Targets Achieved/Water Body Delisted
<b>Beneficial Uses Affected:</b>	REC-1, REC-2, COMM, WARM, WILD, SHELL		
<b>Implemented Through:</b>	MS4, Caltrans and other NDPS Permits	<b>Pollutant Type:</b>	<input type="checkbox"/> Point Source <input checked="" type="checkbox"/> Nonpoint Source <input checked="" type="checkbox"/> Legacy
<b>Effective Date:</b>	July 28, 2011	<b>Pollutant Source:</b>	Urban Storm Water Runoff
<b>Attainment Date:</b>	July 28, 2018		Non-Point Source Runoff
			Atmospheric Deposition

### Water Quality Improvement Strategy

The Colorado Lagoon (Lagoon) is located in the City of Long Beach in Southern California. The Lagoon has abundant wildlife and acts as an important stop for migratory birds, including endangered species, every year. In addition, the Lagoon is heavily used for recreational activities including swimming, fishing, wildlife viewing, and picnicking. The Lagoon is included on the Clean Water Act section 303 (d) List of impaired waters due to Organochloride (OC) pesticides, PCBs, sediment toxicity, PAHs, and metals in fish tissue and sediment. The strategy for improving the fish and sediment quality focuses on removing contaminated sediment and controlling stormwater discharges to Colorado Lagoon. The [Colorado Lagoon OC Pesticides, PCBs, Sediment Toxicity, PAHs, and Metals TMDL \(Colorado Lagoon TMDL\)](#) addresses the pollutants in the watershed draining to the Lagoon by assigning allocations to municipal stormwater, the California Department of Transportation (Caltrans) stormwater, and other dischargers to meet the allocations by July 2018.

### Watershed Map



### Implementation of Colorado Lagoon TMDL

The City of Long Beach (City) is currently implementing the Colorado Lagoon Restoration Program to improve water and sediment quality in the Lagoon. Implementation actions completed and on the way are listed below:

- Redirection of major stormdrain, the Termino Avenue Drain
- Construction of low flow diversions for stormwater
- Installation of Vegetated Bioswales
- Removal of contaminated sediment in Colorado Lagoon

### Water, Fish Tissue, and Sediment Quality

- Based on data collected from 2013 to 2017, water quality for metals in Colorado are well below the water quality targets, except at site WS4-SW.
- Sediment and fish tissue measurements for PCBs and DDT continue to be above TMDL targets during the current construction phase of the restoration project.
- Monitoring will be continued by the dischargers to evaluate the effectiveness of remediation actions.

### Sediment Quality in Colorado Lagoon

