

Appendix A: Impaired Waters in the Malibu Creek Watershed

303(d) listing of impaired waters, impairing pollutants, and sources based on State Water Board 2010 Integrated Report Clean Water Act Section 303(d) List of Water Quality Limited Sections.¹ This list is updated every two years; updated information is available for all California regions at www.waterboards.ca.gov.

Name	Pollutants (Potential Sources²)
Triunfo Canyon Creek (Reach 1)	Lead (Nonpoint Source), Mercury (Nonpoint Source), Sedimentation/Siltation (Source Unknown)
Triunfo Canyon Creek (Reach 2)	Benthic-Macroinvertebrate Bioassessments (Source Unknown), Lead (Nonpoint Source), Mercury (Nonpoint Source), Sedimentation/Siltation (Source Unknown)
Medea Creek Reach 1 (Lake to Confluence with Lindero Creek)	Algae (Agriculture-animal, Atmospheric Deposition, Golf course activities, Groundwater Loadings, Irrigated Crop Production, Major Municipal Point Source-dry and/or wet weather discharge, Onsite Wastewater Systems [Septic Tanks], Urban Runoff/Storm Sewers), Coliform Bacteria (Nonpoint Source), Sedimentation/Siltation (Source Unknown), Selenium (Nonpoint Source), Trash (Nonpoint Source)
Medea Creek Reach 2 (above Confluence with Lindero Creek)	Algae (Agriculture-animal, Atmospheric Deposition, Golf course activities, Groundwater Loadings, Irrigated Crop Production, Major Municipal Point Source-dry and/or wet weather discharge, Onsite Wastewater Systems [Septic Tanks], Urban Runoff/Storm Sewers), Benthic-Macroinvertebrate Bioassessments (Source Unknown), Coliform Bacteria (Nonpoint Source), Invasive Species (Nonpoint Source, Point Source), Sedimentation/Siltation (Source Unknown), Selenium (Nonpoint Source), Trash (Nonpoint Source)
Palo Comado Creek	Coliform Bacteria (Nonpoint Source)
Las Virgenes Creek	Benthic-Macroinvertebrate Bioassessments (Source Unknown), Coliform Bacteria (Nonpoint Source), Invasive Species (Nonpoint Source, Point Source), Nutrients - Algae (Agriculture-animal, Atmospheric Deposition, Golf course activities, Groundwater Loadings, Irrigated Crop Production, Major Municipal Point Source-dry and/or wet weather discharge, Onsite Wastewater Systems [Septic Tanks], Urban Runoff/Storm Sewers), Organic Enrichment/Low Dissolved Oxygen (Agriculture-animal, Atmospheric Deposition, Golf course activities, Groundwater Loadings, Irrigated Crop Production, Major Municipal Point Source-dry and/or wet weather discharge, Onsite Wastewater Systems [Septic Tanks], Urban Runoff/Storm Sewers),

¹ Region 4 (Los Angeles Region) information found in Appendix F: 2008 CWA Section 303(d) list of water quality limited sections, approved by Regional Board July 16, 2009.

[http://www.waterboards.ca.gov/losangeles/water_issues/programs/303d/2008/Final%20303\(d\)/Appendix_F_08Aug09.pdf](http://www.waterboards.ca.gov/losangeles/water_issues/programs/303d/2008/Final%20303(d)/Appendix_F_08Aug09.pdf)

² Potential sources are not necessarily verified and do not necessarily include all sources.

	<p>Scum/Foam-unnatural (Agriculture-animal, Atmospheric Deposition, Golf course activities, Groundwater Loadings, Irrigated Crop Production, Major Municipal Point Source-dry and/or wet weather discharge, Onsite Wastewater Systems [Septic Tanks], Urban Runoff/Storm Sewers),</p> <p>Sedimentation/Siltation (Source Unknown),</p> <p>Selenium (Nonpoint Source),</p> <p>Trash (Nonpoint Source)</p>
Stokes Creek	Coliform Bacteria (Nonpoint Source)
Malibu Beach	<p>DDT (Dichlorodiphenyltrichloroethane) (Nonpoint Source) –Fish Consumption Advisory for DDT,</p> <p>Indicator Bacteria (Source Unknown)</p>
Malibu Creek	<p>Benthic-Macroinvertebrate Bioassessments (Source Unknown),</p> <p>Coliform Bacteria (Nonpoint Source, Point Source),</p> <p>Fish Barriers (Fish Passage) (Dam Construction),</p> <p>Invasive Species (Nonpoint Source),</p> <p>Nutrients - Algae (Agriculture-animal, Atmospheric Deposition, Golf course activities, Groundwater Loadings, Irrigated Crop Production, Major Municipal Point Source-dry and/or wet weather discharge, Nonpoint Source, Onsite Wastewater Systems [Septic Tanks], Urban Runoff/Storm Sewers),</p> <p>Scum/Foam-unnatural (Agriculture-animal, Atmospheric Deposition, Golf course activities, Groundwater Loadings, Irrigated Crop Production, Major Municipal Point Source-dry and/or wet weather discharge, Onsite Wastewater Systems [Septic Tanks], Urban Runoff/Storm Sewers),</p> <p>Sedimentation/Siltation (Source Unknown),</p> <p>Selenium (Source Unknown),</p> <p>Sulfates (Source Unknown),</p> <p>Trash (Nonpoint Source)</p>
Malibu Lagoon	<p>Benthic Community Effects (Hydromodification),</p> <p>Coliform Bacteria (Nonpoint Source, Point Source),</p> <p>Eutrophic (Agriculture-animal, Atmospheric Deposition, Golf course activities, Groundwater Loadings, Irrigated Crop Production, Major Municipal Point Source-dry and/or wet weather discharge, Onsite Wastewater Systems [Septic Tanks], Urban Runoff/Storm Sewers),</p> <p>Swimming Restrictions (Agriculture-animal, Illicit Connections/Illegal Hook-ups/Dry Weather Flows, Natural Sources, Onsite Wastewater Systems (Septic Tanks), Spills, Surface Runoff, Urban Runoff/Storm Sewers),</p> <p>Viruses (enteric) (Agriculture-animal, Illicit Connections/Illegal Hook-ups/Dry Weather Flows, natural Sources, Onsite Wastewater Systems (Septic Tanks), Spills, Surface Runoff, Urban Runoff/Storm Sewers),</p> <p>pH (Source Unknown)</p>
Malibu Lagoon Beach (Surfrider)	<p>Coliform Bacteria (Nonpoint Source),</p> <p>DDT (Dichlorodiphenyltrichloroethane) (Nonpoint Source) – Fish Consumption Advisory for DDT,</p> <p>PCBs (Polychlorinated biphenyls) (Nonpoint Source) – Fish Consumption Advisory for PCBs</p>
Malibou Lake	<p>Algae (Agriculture-animal, Atmospheric Deposition, Golf course activities, Groundwater Loadings, Irrigated Crop Production, Major Municipal Point Source-dry and/or wet weather discharge, Onsite Wastewater Systems [Septic Tanks], Urban Runoff/Storm Sewers),</p> <p>Eutrophic (Agriculture-animal, Atmospheric Deposition, Golf course activities, Groundwater Loadings, Irrigated Crop Production, Major Municipal Point Source-dry and/or wet weather discharge, Onsite Wastewater Systems [Septic Tanks], Urban Runoff/Storm Sewers),</p> <p>Organic Enrichment/Low Dissolved Oxygen (Agriculture-animal, Atmospheric Deposition, Golf course activities, Groundwater Loadings, Irrigated Crop Production, Major Municipal Point Source-dry and/or wet weather discharge,</p>

	Onsite Wastewater Systems [Septic Tanks], Urban Runoff/Storm Sewers)
Lindero Creek Reach 1	<p>Algae (Agriculture-animal, Atmospheric Deposition, Golf course activities, Groundwater Loadings, Irrigated Crop Production, Major Municipal Point Source-dry and/or wet weather discharge, Onsite Wastewater Systems [Septic Tanks], Urban Runoff/Storm Sewers),</p> <p>Benthic-Macroinvertebrate Bioassessments (Source Unknown),</p> <p>Coliform Bacteria (Nonpoint Source),</p> <p>Invasive Species (Nonpoint Source, Point Source),</p> <p>Scum/Foam-unnatural (Agriculture-animal, Atmospheric Deposition, Golf course activities, Groundwater Loadings, Irrigated Crop Production, Major Municipal Point Source-dry and/or wet weather discharge, Onsite Wastewater Systems [Septic Tanks], Urban Runoff/Storm Sewers),</p> <p>Selenium (Nonpoint Source),</p> <p>Trash (Nonpoint Source)</p>
Lindero Creek Reach 2 (Above Lake)	<p>Algae (Agriculture-animal, Atmospheric Deposition, Golf course activities, Groundwater Loadings, Irrigated Crop Production, Major Municipal Point Source-dry and/or wet weather discharge, Onsite Wastewater Systems [Septic Tanks], Urban Runoff/Storm Sewers),</p> <p>Coliform Bacteria (Source Unknown),</p> <p>Scum/Foam-unnatural (Agriculture-animal, Atmospheric Deposition, Golf course activities, Groundwater Loadings, Irrigated Crop Production, Major Municipal Point Source-dry and/or wet weather discharge, Onsite Wastewater Systems [Septic Tanks], Urban Runoff/Storm Sewers),</p> <p>Selenium (Nonpoint Source),</p> <p>Trash (Nonpoint Source)</p>
Lake Lindero	<p>Algae (Agriculture-animal, Atmospheric Deposition, Golf course activities, Groundwater Loadings, Irrigated Crop Production, Major Municipal Point Source-dry and/or wet weather discharge, Onsite Wastewater Systems [Septic Tanks], Urban Runoff/Storm Sewers),</p> <p>Chloride (Nonpoint Source),</p> <p>Eutrophic (Agriculture-animal, Atmospheric Deposition, Golf course activities, Groundwater Loadings, Irrigated Crop Production, Major Municipal Point Source-dry and/or wet weather discharge, Onsite Wastewater Systems [Septic Tanks], Urban Runoff/Storm Sewers),</p> <p>Odor (Agriculture-animal, Atmospheric Deposition, Golf course activities, Groundwater Loadings, Irrigated Crop Production, Major Municipal Point Source-dry and/or wet weather discharge, Onsite Wastewater Systems [Septic Tanks], Urban Runoff/Storm Sewers),</p> <p>Selenium (Source Unknown),</p> <p>Specific Conductivity (Nonpoint Source),</p> <p>Trash (Nonpoint Source)</p>
Lake Sherwood	<p>Algae (Agriculture-animal, Golf course activities),</p> <p>Ammonia (Agriculture-animal, Golf course activities),</p> <p>Eutrophic (Agriculture-animal, Golf course activities),</p> <p>Mercury – tissue (Nonpoint Source),</p> <p>Organic Enrichment/Low Dissolved Oxygen (Agriculture-animal, Golf course activities)</p>
Westlake Lake	<p>Algae (Agriculture-animal, Atmospheric Deposition, Golf course activities, Groundwater Loadings, Irrigated Crop Production, Major Municipal Point Source-dry and/or wet weather discharge, Onsite Wastewater Systems [Septic Tanks], Urban Runoff/Storm Sewers),</p> <p>Ammonia (Agriculture-animal, Atmospheric Deposition, Golf course activities, Groundwater Loadings, Irrigated Crop Production, Major Municipal Point Source-dry and/or wet weather discharge, Onsite Wastewater Systems [Septic Tanks], Urban Runoff/Storm Sewers),</p> <p>Eutrophic (Agriculture-animal, Atmospheric Deposition, Golf course activities,</p>

	<p>Groundwater Loadings, Irrigated Crop Production, Major Municipal Point Source-dry and/or wet weather discharge, Onsite Wastewater Systems [Septic Tanks], Urban Runoff/Storm Sewers),</p> <p>Lead (Nonpoint Source),</p> <p>Organic Enrichment/Low Dissolved Oxygen (Agriculture-animal, Atmospheric Deposition, Golf course activities, Groundwater Loadings, Irrigated Crop Production, Major Municipal Point Source-dry and/or wet weather discharge, Onsite Wastewater Systems [Septic Tanks], Urban Runoff/Storm Sewers)</p>
Solstice Canyon Creek (Solstice Canyon Watershed)	Invasive Species (Nonpoint Source, Point Source)