

DESCRIPTION

This CCA watershed flows into the ‘Carmel Bay’ Area of Special Biological Significance (ASBS), which has 6.7 miles of coastline bordering on the City of Carmel and Pebble Beach Golf Course in Monterey County. This ASBS lies entirely within the Monterey Bay National Marine Sanctuary, and contains the Carmel Bay State Marine Conservation Area. The Point Lobos Ecological Reserve ASBS is adjacent to the south of this ASBS.

Approximately 60% of the runoff from the City of Carmel flows through storm drains directly into the ASBS, and 40% drains directly into the Carmel River, which also flows into the ASBS. There are 348 direct discharges to this ASBS. The Carmel Wastewater District sewage treatment plant discharges treated wastewater at a submerged location offshore of the Carmel River. The other discharges drain runoff from streets, highways, golf course landscaping, and private homes. Eight natural streams also drain the golf course and Carmel before flowing into the ASBS, and there are ten springs/seeps that may drain nonpoint source pollutants into the ASBS.



Carmel Bay
 (Photo courtesy State Water Resources Control Board).
 For more photos, visit the California Coastal Records Project:
www.californiacoastline.org

REASON FOR CCA IDENTIFICATION

This watershed flows into the ‘Carmel Bay’ Area of Special Biological Significance (ASBS), which is a State Water Quality Protection Area.

POLLUTED RUNOFF CONDITIONS

Selected Coastal Zone Waterbodies	Top 5 Runoff Pollutants of Concern ¹					Efforts to Address Pollutants (See next page)
	Bacteria	Nutrients	Pesticides	?	?	
Carmel Bay ▲	▲	▲	▲			
Carmel River ■						
Pescadero Canyon Stream •						
San Jose Creek ◆						
Pebble Creek Golf Course Stream □						
Potential Sources of Pollutants in Coastal Waterbodies						
Agriculture						
Forestry (Silviculture)						
Urban Areas	▲	▲	▲			a, b
➤ Urban Runoff/Storm Sewers	▲	▲	▲			
➤ Golf Course Activities		▲	▲			
Marinas & Boating						
Hydromodification						
Wetlands & Riparian Areas						b

¹ Information on bacteria, nutrients, and pesticides as pollutants of concern is from the California Coastal Commission.

Carmel Bay CCA

MAJOR EFFORTS TO IMPLEMENT NPS MANAGEMENT MEASURES

a)	Carmel River Steelhead Association		http://www.carmelriverwatershed.org/crsa.html
	Clive Sanders	(408) 375-5376	vtorras@redshift.com
➤ Association of 13 stakeholder groups with a view to monitor and manage the watershed on a consensus basis. CRSA is a founding stakeholder and represents the recreational users of the watershed.			
b)	Carmel River Watershed Council		http://www.carmelriverwatershed.org/
	Jonathan Berkley	(831) 659-1760	crwc@carmelriverwatershed.org
➤ Steering Committee represents diverse watershed community interests; proposes programs, projects and activities for the Council. Conservancy raises funding to support programs, projects and activities of the Council.			

REGULATORY/PLANNING JURISDICTIONS

➤ City of Carmel, Public Works Department	http://www.carmelcalifornia.com/	Stuart Ross	(831) 620-2070	ssross@ci.carmel.ca.us
➤ Monterey County Water Resources Agency	http://www.mcwra.co.monterey.ca.us/	Manuel Quezada	(831) 755-4874	quezadam@co.monterey.ca.us
➤ Calif. Coastal Commission, Water Quality Unit	http://www.coastal.ca.gov/nps/npsndx.html	Ross Clark	(831) 427-4873	rclark@coastal.ca.gov
➤ Central Coast Regional Water Quality Control Board	http://www.waterboards.ca.gov/centralcoast/	Amanda Bern	(805) 594-6197	abern@waterboards.ca.gov
➤ State Water Resources Control Board, ASBSs	http://www.swrcb.ca.gov/plnspols/oplans/asbs.html	Connie Anderson	(916) 341-5280	csanderson@waterboards.ca.gov
➤ California Coastal Conservancy	http://www.coastalconservancy.ca.gov/	Terri Nevins	(510) 286-4161	tnevins@scc.ca.gov
➤ Calif. Dept. of Fish & Game, Marine Region	http://www.dfg.ca.gov/mrd/mlpa/	Paul Reilly	(831) 649-2879	preilly@dfg.ca.gov
➤ Calif. State Parks, Monterey District	http://www.parks.ca.gov/parkindex/region_info.asp?regiontab=0&id=6	Tom Moss	(831) 649-2854	tmoss@parks.ca.gov