2017 List of Critical Coastal Areas, with Identification Criteria

Vanessa Metz, California Coastal Commission

North Coast Region Critical Coastal Areas

Two CCA identification criteria were added in 2014:

- 1) Coastal watershed areas where an impaired waterway on the 2010 303(d) list is, or flows into, a **Principal Bay or Estuary** (see Calif. Dept. Fish & Wildlife's "California's Living Marine Resources: A Status Report" (2001) and map.
- 2) Coastal watershed areas where an impaired waterway on the 2010 303(d) list is adjacent to a **state Marine Protected Area** (MPA) (see <u>California's MPA Program</u>). "Adjacent" was defined as within 1 mile along the shore and within 1 mile offshore. MPA categories are State Marine Reserve (SMR), State Marine Conservation Area (SMCA), State Marine Park (SMP), State Marine Recreational Management Area (SMRMA), and Special Closure (SC).

- **3**) Coastal watershed areas where an impaired waterway on the 1998 303(d) list flows into a **state or federal Marine Managed Area** (MMA). (State MMAs include MPAs, some of which were discontinued or renamed during the state's redesign of the MPA system in 2007-2012).
- 4) Coastal watershed areas that flow into an Area of Special Biological Significance (ASBS).
- 5) Coastal watershed areas where an impaired waterway on the 1994 303(d) list is, or flows into, a bay or estuary.

		2014 CCA Identi	fication Criteria	2002 (CCA Identification C	riteria	
CCA #	CCA Name	Impaired Waterway on 2010 303(d) List Is, or Flows into, a <u>Principal Bay or</u> <u>Estuary</u>	Impaired Waterway on 2010 303(d) List is Adjacent to a State Marine Protected Area	Impaired Waterway on 2002 303(d) List Flows into a <u>State or</u> <u>Federal Marine</u> <u>Managed Area</u>	Watershed Flows into an <u>Area of</u> <u>Special Biological</u> <u>Significance</u>	Impaired Waterway on 1994 303(d) List Is, or Flows Into, a <u>Bay or Estuary</u>	Notes
1	Klamath River	Klamath River Estuary (Lower Klamath River/ Klamath Glen impaired)	Reading Rock SMCA (Lower Klamath River/ Klamath Glen impaired)		Klamath River ASBS	Klamath River Estuary (Klamath River impaired)	Klamath River mouth is in Redwood National Park CCA (but kept as separate CCAs).
3a	Redwood National Park	Klamath River Estuary (Lower Klamath River/ Klamath Glen impaired)	Reading Rock SMCA; False Klamath Rock SC (Lower Klamath River/ Klamath Glen, & Redwood Creek impaired)		Redwood National Park ASBS	Klamath River Estuary (Klamath River impaired)	Former name Redwood National and State Park ASBS/CCA. Merged former Redwood Creek CCA into this CCA, as creek is within the Park.
4	Trinidad Head				Trinidad Head ASBS		Former name Kelp Beds at Trinidad Head ASBS/CCA.

		2014 CCA Identii	fication Criteria	2002 C	CA Identification C	'riteria	
CCA #	CCA Name	Impaired Waterway on 2010 303(d) List Is, or Flows into, a <u>Principal Bay or</u> <u>Estuary</u>	Impaired Waterway on 2010 303(d) List is Adjacent to a <u>State Marine</u> <u>Protected Area</u>	Impaired Waterway on 2002 303(d) List Flows into a <u>State or</u> <u>Federal Marine</u> <u>Managed Area</u>	Watershed Flows into an <u>Area of</u> <u>Special Biological</u> <u>Significance</u>	Impaired Waterway on 1994 303(d) List Is, or Flows Into, a <u>Bay or Estuary</u>	Notes
5	Mad River					Mad River Estuary (Mad River impaired)	
102	Humboldt Bay	Humboldt Bay (Humboldt Bay, Jacoby Creek, Freshwater Creek, & Elk River impaired)	South Humboldt Bay SMRMA (Humboldt Bay impaired)				
6	Eel River	Eel River Estuary (Eel River, & Eel River Delta impaired)		-		Eel River Estuary (Eel River, & Eel River Delta impaired)	
7	Mattole River	-1	Mattole Canyon SMR (Mattole River impaired)	Punta Gorda SMR (Mattole River impaired)		Mattole River Estuary (Mattole River impaired)	
8	King Range	-1		-	King Range ASBS		Former name King Range National Conservation Area ASBS/CCA.
103	Ten Mile River	1	Ten Mile SMR; Ten Mile Beach SMCA; & Ten Mile Estuary SMCA (Ten Mile River impaired)	1			
9	Pudding Creek	-	MacKerricher SMCA (Pudding Creek, & Pudding Creek Beach impaired)	MacKerricher SMCA (Pudding Creek impaired)			
10	Noyo River	Noyo Harbor (Noyo River impaired)	-	1		Noyo Harbor (Noyo River impaired)	
11	Jughandle Cove			1	Jughandle Cove ASBS		Former name Pygmy Forest Ecological Staircase ASBS/CCA.
12	Big River	Big River Estuary (Big River impaired)	Big River Estuary SMCA (Big River impaired)			Big River Estuary (Big River impaired)	
13	Albion River					Albion River Estuary	

		2014 CCA Identi	fication Criteria	2002 (CCA Identification C	Criteria	
CCA #	CCA Name	Impaired Waterway on 2010 303(d) List Is, or Flows into, a <u>Principal Bay or</u> <u>Estuary</u>	Impaired Waterway on 2010 303(d) List is Adjacent to a State Marine Protected Area	Impaired Waterway on 2002 303(d) List Flows into a <u>State or</u> <u>Federal Marine</u> <u>Managed Area</u>	Watershed Flows into an <u>Area of</u> <u>Special Biological</u> <u>Significance</u>	Impaired Waterway on 1994 303(d) List Is, or Flows Into, a Bay or Estuary	Notes
						(Albion River impaired)	
14	Navarro River	Navarro River Estuary (Navarro River, & Navarro River Delta impaired)	Navarro River Estuary SMCA (Navarro River, & Navarro River Delta impaired)			Navarro River Estuary (Navarro River, & Navarro River Delta impaired)	
15	Garcia River		Point Arena SMR (Garcia River impaired)	Arena Rock Marine Natural Preserve (Garcia River impaired)		Garcia River Estuary (Garcia River impaired)	
16	Saunders Reef				Saunders Reef ASBS		Former name Kelp Beds at Saunders Reef ASBS/CCA.
17	Del Mar Landing	+			Del Mar Landing ASBS		Former name Del Mar Landing Ecological Reserve ASBS/CCA.
18	Gerstle Cove				Gerstle Cove ASBS		
104	Russian River Estuary	Russian River Estuary (Lower Russian River/ Guerneville, & Russian River Estuary impaired)	Russian River SMCA; Russian River SMRMA; (Lower Russian River/ Guerneville impaired)				
19	Bodega	Bodega Bay (Estero de San Antonio impaired)			Bodega Bay ASBS		Former name Bodega Marine Life Refuge ASBS/CCA.
20	Estero Americano		Estero Americano SMRMA (Estero Americano Estuary, & Americano Creek impaired)	Gulf of the Farallones National Marine Sanctuary (Estero Americano, & Americano Creek impaired)		Estero Americano (Estero Americano, & Americano Creek impaired)	
21	Estero de San Antonio	Bodega Bay (Stemple Creek/Estero de San Antonio impaired)	Estero de San Antonio SMRMA (Stemple Creek/Estero de San Antonio impaired)	Gulf of the Farallones National Marine Sanctuary (Estero de San Antonio impaired)		Bodega Bay (Estero de San Antonio impaired)	

San Francisco Bay (Ocean Coast) Region Critical Coastal Areas

Two CCA identification criteria were added in 2014:

- 1) Coastal watershed areas where an impaired waterway on the 2010 303(d) list is, or flows into, a **Principal Bay or Estuary** (see Calif. Dept. Fish & Wildlife's "California's Living Marine Resources: A Status Report" (2001) and map.
- 2) Coastal watershed areas where an impaired waterway on the 2010 303(d) list is adjacent to a **state Marine Protected Area** (MPA) (see <u>California's MPA Program</u>). "Adjacent" was defined as within 1 mile along the shore and within 1 mile offshore. MPA categories are State Marine Reserve (SMR), State Marine Conservation Area (SMCA), State Marine Park (SMP), State Marine Recreational Management Area (SMRMA), and Special Closure (SC).

- 3) Coastal watershed areas where an impaired waterway on the 1998 303(d) list flows into a **state or federal Marine Managed Area** (MMA). (State MMAs include MPAs, some of which were discontinued or renamed during the state's redesign of the MPA system in 2007-2012).
- 4) Coastal watershed areas that flow into an Area of Special Biological Significance (ASBS).
- 5) Coastal watershed areas where an impaired waterway on the 1994 303(d) list is, or flows into, a bay or estuary.

		2014 CCA Identi	fication Criteria	2002 (CCA Identification C	riteria	
CCA #	CCA Name	Impaired Waterway on 2010 303(d) List Is, or Flows into, a <u>Principal Bay or</u> <u>Estuary</u>	Impaired Waterway on 2010 303(d) List is Adjacent to a <u>State Marine</u> <u>Protected Area</u>	Impaired Waterway on 2002 303(d) List Flows into a <u>State or</u> <u>Federal Marine</u> <u>Managed Area</u>	Watershed Flows into an <u>Area of</u> <u>Special Biological</u> <u>Significance</u>	Impaired Waterway on 1994 303(d) List Is, or Flows Into, a <u>Bay or Estuary</u>	Notes
22	Walker Creek	Tomales Bay (Tomales Bay, & Walker Creek impaired)		Gulf of the Farallones National Marine Sanctuary (Walker Creek impaired)			
23	Tomales Bay	Tomales Bay (Tomales Bay impaired)		Tomales Bay Ecological Reserve (Tomales Bay impaired)		Tomales Bay (Tomales Bay impaired)	
24	Lagunitas Creek	Tomales Bay (Tomales Bay, & Lagunitas Creek impaired)		Gulf of the Farallones National Marine Sanctuary (Lagunitas Creek impaired)			
25	Bird Rock				Bird Rock ASBS		
26	Point Reyes Headlands				Point Reyes Headlands ASBS		Former name Point Reyes Headlands Reserve and Extension ASBS/CCA.

		2014 CCA Identi	fication Criteria	2002 C	CCA Identification C	riteria	
CCA #	CCA Name	Impaired Waterway on 2010 303(d) List Is, or Flows into, a <u>Principal Bay or</u> <u>Estuary</u>	Impaired Waterway on 2010 303(d) List is Adjacent to a State Marine Protected Area	Impaired Waterway on 2002 303(d) List Flows into a <u>State or</u> <u>Federal Marine</u> <u>Managed Area</u>	Watershed Flows into an <u>Area of</u> <u>Special Biological</u> <u>Significance</u>	Impaired Waterway on 1994 303(d) List Is, or Flows Into, a <u>Bay or Estuary</u>	Notes
27	Double Point				Double Point ASBS	-	
28	Duxbury Reef				Duxbury Reef ASBS	+	Former name Duxbury Reef Reserve and Extension ASBS/CCA.
105	Farallon Islands				Farallon Islands ASBS		
29	James V. Fitzgerald		Montara SMR; Pillar Point SMCA (San Vicente Creek; & Pacific Ocean: at Fitzgerald Marine Reserve, at Pillar Point, & at Pillar Point Beach impaired)		James V. Fitzgerald ASBS		Former name James V. Fitzgerald Marine Reserve ASBS/CCA.
30	San Gregorio Creek			Monterey Bay National Marine Sanctuary (San Gregorio Creek impaired)			
31a	Pescadero and Butano Creeks			Pescadero Marsh Natural Preserve (Pescadero Creek, & Butano Creek impaired)			Merged Pescadero Creek CCA and Butano Creek CCA, because Pescadero Creek flows into Butano Creek.

Within San Francisco Bay Critical Coastal Areas

The CCA identification criteria applied on the San Francisco Bay ocean coast were not applied within San Francisco Bay.

No CCA identification criteria were added in 2014 for within San Francisco Bay.

Two CCA identification criteria were retained from 2002 for within San Francisco Bay:

- 1) Watershed areas where an impaired waterway on the 2002 303(d) list is adjacent to a state or federal Wildlife Refuge or Ecological Reserve.
- 2) Watershed areas where an impaired waterway on the 2002 303(d) list is adjacent to a Waterfront Park or Beach, as identified in the San Francisco Bay Plan.

		2002 CCA Ident	tification Criteria	
CCA #	CCA Name	Impaired Waterway on 2002 303(d) List is Adjacent to a Wildlife Refuge or Ecological Reserve	Impaired Waterway on 2002 303(d) List is Adjacent to a Waterfront Park or Beach	Notes
81	Alameda Creek and Flood Control Channel	Eden Landing Ecological Reserve (Alameda Creek impaired)		
82	Calabazas Creek	Don Edwards San Francisco Bay National Wildlife Refuge (Calabazas Creek impaired)	Wildlife Refuge (Calabazas Creek impaired)	
83	Corte Madera Creek		Corte Madera Marsh State Marine Park (Corte Madera Creek impaired)	
84	Coyote Creek (Santa Clara Co.)	Don Edwards San Francisco Bay National Wildlife Refuge (Coyote Creek impaired)		
85	Gallinas Creek	San Pablo Bay National Wildlife Refuge (Gallinas Creek impaired)	China Camp State Park; John F. McGinnis County Park (Gallinas Creek impaired)	
86	Guadalupe River	Don Edwards San Francisco Bay National Wildlife Refuge (Guadalupe River impaired)		
87	Lake Merritt	Lake Merritt Wildlife Refuge (Lake Merritt impaired)	Oakland Estuary Park (Lake Merritt impaired)	
88	Matadero Creek	Palo Alto Baylands Nature Preserve (Matadero Creek impaired)		
89	Miller Creek	San Pablo Bay National Wildlife Refuge (Miller Creek impaired)	John F. McInnis County Park (Miller Creek impaired)	
90	Napa River	San Pablo Bay National Wildlife Refuge (Napa River impaired)		

		2002 CCA Ident	tification Criteria	
CCA #	CCA Name	Impaired Waterway on 2002 303(d) List is Adjacent to a Wildlife Refuge or Ecological Reserve	Impaired Waterway on 2002 303(d) List is Adjacent to a Waterfront Park or Beach	Notes
91	Novato Creek	San Pablo Bay National Wildlife Refuge; Pacheco Pond Wildlife Preserve (Novato Creek impaired)		
92	Petaluma River	San Pablo Bay National Wildlife Refuge (Petaluma River impaired)		
93	San Francisquito Creek	Don Edwards San Francisco Bay National Wildlife Refuge (San Francisquito Creek impaired)		
94	San Leandro Creek		Martin Luther King Jr. Regional Shoreline Park (San Leandro Creek impaired)	
95	San Lorenzo Creek		Hayward Regional Shoreline Park (San Lorenzo Creek impaired)	
96	San Mateo Creek		San Mateo Shoreline Park (San Mateo Creek impaired)	
97	San Pablo Creek		Point Pinole Regional Shoreline Park (San Pablo Creek impaired)	
98	San Rafael Creek	Marin Island National Wildlife Refuge and State Ecological Reserve (San Rafael Creek impaired)	Pickleweed Park (San Rafael Creek impaired)	
99	Sonoma Creek	San Pablo Bay National Wildlife Refuge (Sonoma Creek impaired)		
100	Suisun Slough	Grizzly Island Wildlife Area in Suisun Marsh (Suisun Slough impaired)		
101	Wildcat Creek		Tilden Park (Wildcat Creek impaired)	

Central Coast Region Critical Coastal Areas

Two CCA identification criteria were added in 2014:

- 1) Coastal watershed areas where an impaired waterway on the 2010 303(d) list is, or flows into, a **Principal Bay or Estuary** (see Calif. Dept. Fish & Wildlife's "California's Living Marine Resources: A Status Report" (2001) and map.
- 2) Coastal watershed areas where an impaired waterway on the 2010 303(d) list is adjacent to a **state Marine Protected Area** (MPA) (see <u>California's MPA Program</u>). "Adjacent" was defined as within 1 mile along the shore and within 1 mile offshore. MPA categories are State Marine Reserve (SMR), State Marine Conservation Area (SMCA), State Marine Park (SMP), State Marine Recreational Management Area (SMRMA), and Special Closure (SC).

- 3) Coastal watershed areas where an impaired waterway on the 1998 303(d) list flows into a **state or federal Marine Managed Area** (MMA). (State MMAs include MPAs, some of which were discontinued or renamed during the state's redesign of the MPA system in 2007-2012).
- 4) Coastal watershed areas that flow into an Area of Special Biological Significance (ASBS).
- 5) Coastal watershed areas where an impaired waterway on the 1994 303(d) list is, or flows into, a bay or estuary.

		2014 CCA Identi	fication Criteria	2002 C	CCA Identification C	riteria	
CCA #	CCA Name	Impaired Waterway on 2010 303(d) List Is, or Flows into, a <u>Principal Bay or</u> <u>Estuary</u>	Impaired Waterway on 2010 303(d) List is Adjacent to a <u>State Marine</u> <u>Protected Area</u>	Impaired Waterway on 2002 303(d) List Flows into a <u>State or</u> <u>Federal Marine</u> <u>Managed Area</u>	Watershed Flows into an <u>Area of</u> <u>Special Biological</u> <u>Significance</u>	Impaired Waterway on 1994 303(d) List Is, or Flows Into, a <u>Bay or Estuary</u>	Notes
33	Año Nuevo		Año Nuevo SMCA; Greyhound Rock SMCA (Pacific Ocean - Point Año Nuevo to Soquel Point impaired)		Año Nuevo ASBS		Former name Año Nuevo Point and Island ASBS/CCA.
106	Natural Bridges		Natural Bridges SMR (Pacific Ocean - Point Año Nuevo to Soquel Point; & Moore Creek impaired)		-1		
34	San Lorenzo River	Monterey Bay (San Lorenzo River impaired)				San Lorenzo Estuary (San Lorenzo River & Lagoon impaired)	
35	Aptos Creek	Monterey Bay (Aptos Creek, & Valencia Creek impaired)		Monterey Bay National Marine Sanctuary (Aptos Creek impaired)			
36	Soquel	Monterey Bay				Soquel Lagoon	

		2014 CCA Identi	fication Criteria	2002 C	CCA Identification C	riteria	
CCA #	CCA Name	Impaired Waterway on 2010 303(d) List Is, or Flows into, a <u>Principal Bay or</u> <u>Estuary</u>	Impaired Waterway on 2010 303(d) List is Adjacent to a <u>State Marine</u> <u>Protected Area</u>	Impaired Waterway on 2002 303(d) List Flows into a <u>State or</u> <u>Federal Marine</u> <u>Managed Area</u>	Watershed Flows into an <u>Area of</u> <u>Special Biological</u> <u>Significance</u>	Impaired Waterway on 1994 303(d) List Is, or Flows Into, a <u>Bay or Estuary</u>	Notes
	Lagoon	(Soquel Lagoon impaired)				(Soquel Lagoon impaired)	
37	Watsonville Slough	Monterey Bay (Watsonville Slough impaired)				Watsonville Slough (Watsonville Slough impaired)	
38	Pajaro River	Monterey Bay (Pajaro River impaired)		Monterey Bay National Marine Sanctuary (Pajaro River impaired)			
39	Elkhorn Slough	Elkhorn Slough (Elkhorn Slough impaired)	Elkhorn Slough SMR; Elkhorn Slough SMCA (Elkhorn Slough, & Moss Landing Harbor impaired)			Elkhorn Slough (Elkhorn Slough impaired)	
40	Old Salinas River Estuary	Monterey Bay (Old Salinas River Estuary impaired)	Moro Cojo Slough SMR (Moro Cojo Slough, & Moss Landing Harbor impaired)	Monterey Bay National Marine Sanctuary (Old Salinas River Estuary impaired)			
41	Salinas River	Monterey Bay (Salinas River impaired)				Salina River Estuary (Salinas River impaired)	
107	Monterey Harbor	Monterey Bay (Monterey Harbor impaired)	Edward F. Ricketts SMCA (Monterey Harbor impaired)				
42a	Pacific Grove	Monterey Bay (Monterey Harbor impaired)	Lovers Point SMR; Pacific Grove Marine Gardens SMCA (Monterey Harbor impaired)	Pacific Grove State Marine Conservation Area; Hopkins State Marine Reserve (Monterey Bay South Coastline impaired)	Pacific Grove ASBS		Former name Pacific Grove Marine Gardens Fish Refuge ASBS/ CCA. Combined former Pacific Grove CCA and Hopkins Marine Life Refuge CCA, because they overlapped.

		2014 CCA Identi	fication Criteria	2002 (CCA Identification C	riteria	
CCA #	CCA Name	Impaired Waterway on 2010 303(d) List Is, or Flows into, a <u>Principal Bay or</u> <u>Estuary</u>	Impaired Waterway on 2010 303(d) List is Adjacent to a State Marine Protected Area	Impaired Waterway on 2002 303(d) List Flows into a <u>State or</u> <u>Federal Marine</u> <u>Managed Area</u>	Watershed Flows into an <u>Area of</u> <u>Special Biological</u> <u>Significance</u>	Impaired Waterway on 1994 303(d) List Is, or Flows Into, a <u>Bay or Estuary</u>	Notes
44	Carmel Bay	F	Carmel Bay SMCA; Carmel Pinnacles SMR (Pacific Ocean at Stillwater Cove Beach impaired)		Carmel Bay ASBS	F	
45	Point Lobos				Point Lobos ASBS		Former name Point Lobos Ecological Reserve ASBS/CCA.
46	Julia Pfeiffer Burns	-	-		Julia Pfeiffer Burns ASBS	-	Former name Julia Pfeiffer Burns Underwater Park ASBS/CCA.
47	Salmon Creek Coast				Salmon Creek Coast ASBS		Former name Ocean Surrounding the Mouth of Salmon Creek ASBS/ CCA.
108	Piedras Blancas		Piedras Blancas SMR (Arroyo De La Cruz impaired)				
109	Cambria		Cambria SMCA (Pico Creek, & San Simeon Creek impaired)				
48	Morro Bay	Morro Bay (Morro Bay, Chorro Creek, & Los Osos Creek impaired)	Morro Bay SMR; Morro Bay SMRMA (Morro Bay impaired)	Morro Bay State Estuary; Morro Bay National Estuary Program (Morro Bay, Chorro Creek, & Los Osos Creek impaired)		Morro Bay (Morro Bay impaired)	
49	Chorro Creek	Morro Bay (Morro Bay, Chorro Creek, & Los Osos Creek impaired)	Morro Bay SMR; Morro Bay SMRMA (Chorro Creek impaired)	Morro Bay State Estuary; Morro Bay National Estuary Program (Chorro Creek impaired)		-	

		2014 CCA Identi	fication Criteria	2002 C	CCA Identification C	'riteria	
CCA #	CCA Name	Impaired Waterway on 2010 303(d) List Is, or Flows into, a <u>Principal Bay or</u> <u>Estuary</u>	Impaired Waterway on 2010 303(d) List is Adjacent to a State Marine Protected Area	Impaired Waterway on 2002 303(d) List Flows into a <u>State or</u> <u>Federal Marine</u> <u>Managed Area</u>	Watershed Flows into an <u>Area of</u> <u>Special Biological</u> <u>Significance</u>	Impaired Waterway on 1994 303(d) List Is, or Flows Into, a <u>Bay or Estuary</u>	Notes
50	Los Osos Creek	Morro Bay (Morro Bay, Chorro Creek, Los Osos Creek impaired)	Morro Bay SMR (Los Osos Creek impaired)	Morro Bay State Estuary (Los Osos Creek impaired)	1	-	
51	San Luis Obispo Creek					San Luis Obispo Creek Estuary (San Luis Obispo Creek impaired)	
110	Santa Maria River Estuary	Santa Maria River Estuary (Santa Maria River impaired)			+		
52	Santa Ynez River		Vandenberg SMR (Pacific Ocean at Ocean Beach (Santa Barbara County) impaired)		+-	Santa Ynez River Estuary (Santa Ynez River Estuary impaired)	
111	Kashtayit		Kashtayit SMCA (Canada de la Gaviota impaired)				
112	Naples		Naples SMCA (Dos Pueblos Canyon Creek impaired)				
53	Goleta Slough		Goleta Slough SMCA (Goleta Slough/ Estuary, & Pacific Ocean at Goleta Beach (Santa Barbara County) impaired)			Goleta Slough (Goleta Slough/Estuary impaired)	
54	Carpinteria Marsh					Carpinteria Marsh (Carpinteria Marsh impaired)	
55	San Miguel, Santa Rosa, and Santa Cruz Islands				San Miguel, Santa Rosa, and Santa Cruz Islands ASBS		

South Coast Region Critical Coastal Areas

Two CCA identification criteria were added in 2014:

- 1) Coastal watershed areas where an impaired waterway on the 2010 303(d) list is, or flows into, a **Principal Bay or Estuary** (see Calif. Dept. Fish & Wildlife's "California's Living Marine Resources: A Status Report" (2001) and map.
- 2) Coastal watershed areas where an impaired waterway on the 2010 303(d) list is adjacent to a **state Marine Protected Area** (MPA) (see <u>California's MPA Program</u>). "Adjacent" was defined as within 1 mile along the shore and within 1 mile offshore. MPA categories are State Marine Reserve (SMR), State Marine Conservation Area (SMCA), State Marine Park (SMP), State Marine Recreational Management Area (SMRMA), and Special Closure (SC).

- **3**) Coastal watershed areas where an impaired waterway on the 1998 303(d) list flows into a **state or federal Marine Managed Area** (MMA). (State MMAs include MPAs, some of which were discontinued or renamed during the state's redesign of the MPA system in 2007-2012).
- 4) Coastal watershed areas that flow into an Area of Special Biological Significance (ASBS).
- 5) Coastal watershed areas where an impaired waterway on the 1994 303(d) list is, or flows into, a bay or estuary.

		2014 CCA Identi	fication Criteria	2002 (CCA Identification C	riteria	
CCA #	CCA Name	Impaired Waterway on 2010 303(d) List Is, or Flows into, a <u>Principal Bay or</u> <u>Estuary</u>	Impaired Waterway on 2010 303(d) List is Adjacent to a State Marine Protected Area	Impaired Waterway on 2002 303(d) List Flows into a <u>State or</u> <u>Federal Marine</u> <u>Managed Area</u>	Watershed Flows into an <u>Area of</u> <u>Special Biological</u> <u>Significance</u>	Impaired Waterway on 1994 303(d) List Is, or Flows Into, a <u>Bay or Estuary</u>	Notes
56	Santa Barbara and Anacapa Islands	+		1	Santa Barbara and Anacapa Islands ASBS		Former name Santa Barbara Island and Anacapa Island ASBS/ CCA.
57	San Nicolas Island and Begg Rock				San Nicolas Island and Begg Rock ASBS		
58	Mugu Lagoon/ Revelon Slough	Mugu Lagoon (Mugu Lagoon, & Calleguas Creek impaired)		-		Mugu Lagoon (Mugu Lagoon impaired)	
59	Laguna Point to Latigo Point	Mugu Lagoon (Mugu Lagoon, & Calleguas Creek impaired)	Point Dume SMCA; Point Dume SMR (Robert H. Meyer Memorial Beach, Sea Level Beach, Trancas Beach (Broad Beach), Zuma Beach (Westward		Laguna Point to Latigo Point ASBS		Former name Mugu Lagoon to Latigo Point ASBS/CCA.

		2014 CCA Identification Criteria		2002 CCA Identification Criteria			
CCA #	CCA Name	Impaired Waterway on 2010 303(d) List Is, or Flows into, a <u>Principal Bay or</u> <u>Estuary</u>	Impaired Waterway on 2010 303(d) List is Adjacent to a State Marine Protected Area	Impaired Waterway on 2002 303(d) List Flows into a <u>State or</u> <u>Federal Marine</u> <u>Managed Area</u>	Watershed Flows into an <u>Area of</u> <u>Special Biological</u> <u>Significance</u>	Impaired Waterway on 1994 303(d) List Is, or Flows Into, a <u>Bay or Estuary</u>	Notes
			Beach, Point Dume Beach, Paradise Cove Beach, & Santa Monica Bay Offshore/ Nearshore impaired)				
60	Malibu Creek			Santa Monica Bay National Estuary Program (Malibu Creek, Malibu Lagoon, & Malibu Lagoon Beach impaired)			
61	Topanga Canyon Creek			Santa Monica Bay National Estuary Program (Topanga Canyon Creek, & Topanga Beach impaired)			
62	Santa Monica Canyon			Santa Monica Bay National Estuary Program (Santa Monica Canyon, & Santa Monica Beach impaired)			
63	Northwest Catalina Island				Northwest Catalina Island ASBS		Former name Santa Catalina Island Sub- Area 1 ASBS/CCA.
64	Western Santa Catalina Island	-	-	_	Western Santa Catalina Island ASBS		Former name Santa Catalina Island Sub- Area 2 ASBS/CCA.
65	Farnsworth Bank	-	_	-	Farnsworth Bank ASBS	-	Former name Santa Catalina Island Sub- Area 3 ASBS.
66	Southeast Catalina Island	-	_	-	Southeast Catalina Island ASBS	-	Former name Santa Catalina Island Sub- Area 4 ASBS.

		2014 CCA Identification Criteria		2002 CCA Identification Criteria			
CCA #	CCA Name	Impaired Waterway on 2010 303(d) List Is, or Flows into, a <u>Principal Bay or</u> <u>Estuary</u>	Impaired Waterway on 2010 303(d) List is Adjacent to a State Marine Protected Area	Impaired Waterway on 2002 303(d) List Flows into a <u>State or</u> <u>Federal Marine</u> <u>Managed Area</u>	Watershed Flows into an <u>Area of</u> <u>Special Biological</u> <u>Significance</u>	Impaired Waterway on 1994 303(d) List Is, or Flows Into, a <u>Bay or Estuary</u>	Notes
67	San Clemente Island				San Clemente Island ASBS	ł	
113	Point Vicente and Abalone Cove		Point Vicente SMCA; Abalone Cove SMCA (Santa Monica Bay Offshore/Nearshore, Point Vicente Beach, Long Point Beach, & Abalone Cove Beach impaired)		+	+	
114	Bolsa Chica	Bolsa Chica Wetlands (Bolsa Chica State Beach impaired); and Anaheim Bay (Anaheim Bay, & Huntington Harbor impaired)	Bolsa Bay SMCA; Bolsa Chica Basin SMCA (Bolsa Chica State Beach, & East Garden Grove Wintersberg Channel impaired)				
68	Ballona Creek			Ballona Wetlands Ecological Reserve (Ballona Creek, & Ballona Creek Estuary impaired)	+	+	
69	Upper Newport Bay	Newport Bay (Upper Newport Bay impaired)	Upper Newport Bay SMCA (San Diego Creek Reach 1, & Santa Ana Delhi Channel impaired)	Upper Newport Bay State Marine Park (Upper Newport Bay, & San Diego Creek Reach 1 impaired)			
70	Newport Beach (Robert E. Badham)	Newport Bay (Upper Newport Bay impaired)		Robert E. Badham State Marine Park, formerly Newport Beach Marine Life Refuge (Lower Newport Bay, & Buck Gully Creek impaired)	Robert E. Badham ASBS		Former name Newport Beach Marine Life Refuge ASBS/CCA; now is Robert E. Badham ASBS, and Newport Beach (Robert E. Badham) CCA.

		2014 CCA Identification Criteria		2002 CCA Identification Criteria			
CCA #	CCA Name	Impaired Waterway on 2010 303(d) List Is, or Flows into, a <u>Principal Bay or</u> <u>Estuary</u>	Impaired Waterway on 2010 303(d) List is Adjacent to a State Marine Protected Area	Impaired Waterway on 2002 303(d) List Flows into a <u>State or</u> <u>Federal Marine</u> <u>Managed Area</u>	Watershed Flows into an <u>Area of</u> <u>Special Biological</u> <u>Significance</u>	Impaired Waterway on 1994 303(d) List Is, or Flows Into, a <u>Bay or Estuary</u>	Notes
71	Irvine Coast		Crystal Cove SMCA (Buck Gully Creek, Morning Canyon Creek, Los Trancos Creek (Crystal Cove Creek), & Moro Canyon Creek impaired)		Irvine Coast ASBS		Former name Irvine Coast Marine Life Refuge ASBS/CCA.
72	Heisler Park	-	Laguna Beach SMR (Pacific Ocean Shoreline - Laguna Beach at Main Beach impaired).	-	Heisler Park ASBS		Former name Heisler Park Ecological Reserve ASBS/CCA.
73	Aliso Creek	+	Laguna Beach SMCA (Aliso Creek; & Pacific Ocean Shoreline: at Aliso Creek Mouth, at Aliso Beach Middle, & at Aliso Beach at West Street impaired)	Laguna Beach Marine Life Refuge (Aliso Creek, & Aliso Creek Mouth impaired)	+		
74	San Juan Creek			Doheny SMP; Doheny SMCA (San Juan Creek impaired)	+-		
115	Dana Point		Dana Point SMCA (Pacific Shoreline/Dana Point/Salt Creek Outlet at Monarch Beach impaired)				
116	Santa Margarita River Estuary	Santa Margarita River Estuary (Santa Margarita Lagoon, & Santa Margarita Upper River impaired)					
117	San Luis Rey Estuary	San Luis Rey Estuary (San Luis Rey River impaired)					

		2014 CCA Identification Criteria		2002 CCA Identification Criteria			
CCA #	CCA Name	Impaired Waterway on 2010 303(d) List Is, or Flows into, a <u>Principal Bay or</u> <u>Estuary</u>	Impaired Waterway on 2010 303(d) List is Adjacent to a State Marine Protected Area	Impaired Waterway on 2002 303(d) List Flows into a <u>State or</u> <u>Federal Marine</u> <u>Managed Area</u>	Watershed Flows into an <u>Area of</u> <u>Special Biological</u> <u>Significance</u>	Impaired Waterway on 1994 303(d) List Is, or Flows Into, a <u>Bay or Estuary</u>	Notes
118	Agua Hedionda Lagoon	Agua Hedionda Lagoon (Agua Hedionda Lagoon impaired)	1		ł		
75	Batiquitos Lagoon	Batiquitos Lagoon (Batiquitos Lagoon, & San Marcos Creek impaired)	Batiquitos Lagoon SMCA (San Marcos Creek impaired)		-	Batiquitos Lagoon (Batiquitos Lagoon impaired)	
76	San Elijo Lagoon		San Elijo Lagoon SMCA; Swami's SMCA (San Elijo Creek: & Pacific Ocean Shoreline: at Moonlight State Beach (Cottonwood Creek Outlet), & at Cardiff State Beach at San Elijo Lagoon impaired)	San Elijo Lagoon SMP (San Elijo Lagoon impaired)	+		
119	San Dieguito Lagoon		San Dieguito Lagoon SMCA (San Dieguito River impaired)				
77	Los Peñasquitos Lagoon	Los Peñasquitos Lagoon (Los Peñasquitos Lagoon impaired)		Los Peñasquitos Marsh Natural Preserve & Lagoon, part of Torrey Pines State Reserve (Los Peñasquitos Lagoon impaired)			
79	San Diego- Scripps		Matlahuayl SMR (Pacific Ocean Shoreline: at Vallecitos Court at La Jolla Shores Beach, at Avenida de la Playa at La Jolla Shores Beach, & at La Jolla Cove impaired)		San Diego-Scripps ASBS		Former name San Diego Marine Life Refuge ASBS/CCA. Switched order of CCAs #78 & #79 in list, to be in north to south order.

		2014 CCA Identification Criteria		2002 CCA Identification Criteria			
CCA #	CCA Name	Impaired Waterway on 2010 303(d) List Is, or Flows into, a <u>Principal Bay or</u> <u>Estuary</u>	Impaired Waterway on 2010 303(d) List is Adjacent to a <u>State Marine</u> <u>Protected Area</u>	Impaired Waterway on 2002 303(d) List Flows into a <u>State or</u> <u>Federal Marine</u> <u>Managed Area</u>	Watershed Flows into an <u>Area of</u> <u>Special Biological</u> <u>Significance</u>	Impaired Waterway on 1994 303(d) List Is, or Flows Into, a <u>Bay or Estuary</u>	Notes
78	La Jolla		South La Jolla SMR (Pacific Beach, & Pacific Ocean Shoreline at Pacific Beach Point impaired)		La Jolla ASBS		Former name San Diego-La Jolla Ecological Reserve ASBS/CCA.
120	Famosa Slough		Famosa Slough SMCA (Famosa Slough, & Famosa Channel impaired)				
121	Mission Bay	Mission Bay (Mission Bay, & Mission Creek impaired)					
122	San Diego Bay	San Diego Bay (San Diego Bay shoreline impaired in several locations)					
80	Tijuana River Estuary	Tijuana River Estuary (Tijuana River, & Tijuana River Estuary impaired)	Tijuana River Mouth SMCA (Tijuana River, Tijuana River Estuary, & Pacific Ocean Shoreline at U.S. Border impaired)	Tijuana River National Estuarine Research Reserve (Tijuana River, & Tijuana River Estuary impaired)			