

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN DIEGO REGION**

RESOLUTION NO. 97-04

**A RESOLUTION ADOPTING AMENDMENTS
TO THE WATER QUALITY CONTROL PLAN
FOR THE SAN DIEGO REGION
FOR THE DESIGNATION OF COLD AND SPWN BENEFICIAL USES**

WHEREAS, in accordance with Section 13240 et seq. of the CALIFORNIA WATER CODE, the California Regional Water Quality Control Board, San Diego Region, caused to be developed a *Water Quality Control Plan for the San Diego Water Quality Control Region*; and

WHEREAS, the Regional Board, acting in accord with Section 13244 of the CALIFORNIA WATER CODE, on September 8, 1994, adopted the *Water Quality Control Plan, San Diego Basin (9)* (hereinafter Basin Plan) which was subsequently approved by the SWRCB on December 13, 1994; and

WHEREAS, the Regional Board has adopted amendments to the Basin Plan for the San Diego Region from time to time since March 17, 1975, all of which modified beneficial uses protected and/or water quality objectives and/or policies of the Regional Board; and

WHEREAS, a Staff Report entitled, "*The Basin Plan Amendment of Chapter 2 (Beneficial Uses) regarding Spawning, Reproduction and Early Development (SPWN) and Cold Freshwater Habitat (COLD) Beneficial Uses*" dated October 4, 1996 describing the proposed amendment and containing environmental documentation functionally equivalent to the California Environmental Quality Act requirements was transmitted to interested individuals and public agencies for review and comment; and

WHEREAS, Section 13240 of the California Water Code specifies that Basin Plans be periodically reviewed and, if appropriate, revised; and

WHEREAS, the Regional Board periodically considers changes to this Basin Plan as necessary; and

WHEREAS, the Regional Board has determined that the proposed amendments will not have a significant adverse effect on the environment; and

WHEREAS, the Regional Board held a public hearing on November 14, 1996, January 9, 1997 and March 12, 1997 for the purpose of receiving testimony on the Basin Plan amendment described in the October 4, 1996 Regional Board Staff Report, "*The Basin Plan Amendment of Chapter 2 (Beneficial Uses) regarding Spawning, Reproduction and Early Development (SPWN) and Cold Freshwater Habitat (COLD) Beneficial Uses*"; and

WHEREAS, a copy of the Notice of Filing was sent to the following agencies and persons: (1) those federal, state and local agencies who have jurisdiction by law or expertise with respect to the subject of the proposed basin plan amendment; (2) anyone who has requested notification or who the staff believes would be interested in the proposed amendment; and (3) the Resources Secretary; and

WHEREAS, the Regional Board has reviewed and carefully considered all comments and testimony received relative to the proposed amendments; and


WHEREAS, the Regional Board has determined that the proposed amendments would be consistent with the State Board's Resolution No. 68-16, "*Statement of Policy with Respect to Maintaining High Quality of Waters in California*", and the Federal Antidegradation Policy.

RESOLVED, that the Water Quality Control Plan for the San Diego Water Quality Control Region be amended as follows:

- 1 Chapter 2 (Beneficial Uses) is modified to add the text shown in Attachment 1 to this Order; and
- 2 Table 2-2, "*Beneficial Uses of Inland Surface Waters*" and Table 2-3, "*Beneficial Uses of Coastal Waters*", appearing in Chapter 2, Beneficial Uses, is modified as shown in Attachment 2 to this Order; and
3. The beneficial use definition for "*Spawning, Reproduction, and/or Early Development*" (SPWN) in Chapter 2, Beneficial Uses, is modified as follows:

Includes uses of water that support high quality habitats suitable for reproduction, early development and sustenance of marine fish and/ or cold freshwater fish.

I, John Robertus, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of a Resolution adopted by the California Regional Water Quality Control Board, San Diego Region, on March 12, 1997.



JOHN ROBERTUS
Executive Officer

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Errata Sheet(s)
for
Staff Report for Resolution No. 97-04,
Attachment 1, and Attachment 2.

Revise the Staff Report, paragraph 5, line 1 and 2, page 2, as follows:

In the San Diego Region, the cold freshwater fish used for the COLD designation is the rainbow trout. ~~The migratory steelhead rainbow trout and the resident rainbow trout, *Oncorhynchus mykiss*, are both subspecies of rainbow trout which are native to the Region. The rainbow trout, *Oncorhynchus mykiss*, is native to the Region. Rainbow trout which migrate from fresh water to the ocean are known as steelhead and those which remain in fresh water are known as a resident population.~~ In addition,

Revise the Staff Report, paragraph 7, page 3, as follows:

In this proposed amendment of beneficial use designations, Cold Freshwater Habitat (COLD) has been added to 53 water body segments and deleted from ~~74~~ ⁷³ water body segments. The specific water bodies or segments thereof are shown in Attachment 2.

Revise the Staff Report, paragraph 2, page 5, as follows:

In this proposed amendment of beneficial use designations, Spawning, Reproduction, and/or Early Development (SPWN) has been added to ~~80~~ ⁷⁸ water body segments. The specific water bodies or segments thereof are shown in Attachment 2.

Revise Attachment 1, paragraph 3, as follows:

In the San Diego Region, the cold freshwater fish used for the COLD designation is the rainbow trout. ~~The migratory steelhead rainbow trout and the resident rainbow trout, *Oncorhynchus mykiss*, are both subspecies of rainbow trout which are native to the Region. The rainbow trout, *Oncorhynchus mykiss*, is native to the Region. Rainbow trout which migrate from fresh water to the ocean are known as steelhead and those which remain in fresh water are known as a resident population.~~ In addition,

...

Attachment 1. Proposed Modifications to the Basin Plan, Chapter 2 (Beneficial Uses)

The following text excerpted from the *STAFF REPORT* is proposed to be added to Basin Plan, Chapter 2 (Beneficial Uses):

DESIGNATION OF COLD FRESHWATER HABITAT BENEFICIAL USE

Water bodies with a "*Cold Freshwater Habitat*" (COLD) beneficial use designation support cold freshwater ecosystems including, but not limited to, preservation or enhancement of aquatic habitats, vegetation, fish, or wildlife, including invertebrates.

In the San Diego Region, the cold freshwater fish used for the COLD designation is the rainbow trout. The migratory steelhead rainbow trout and the resident rainbow trout, *Oncorhynchus mykiss*, are both subspecies of rainbow trout which are native to the Region. In addition, hatchery stocked rainbow trout have been planted throughout the Region since the 1880's. Some of these hatchery stocked trout have developed wild populations, and some have hybridized with native trout populations. Other species of trout may have been stocked from time to time, by various mechanisms into the Region's water bodies. (One of these trout is the European brown trout, *Salmo trutta*. At the present time, the brown trout is no longer stocked due to concern for its impacts on fishery resources and the fact that it is piscivorous.)

Cold fresh water bodies are usually below 70° F, contain well-oxygenated water, and contain cold freshwater aquatic habitat suitable for cold freshwater fish. Optimum temperatures for growth and for most life stages of rainbow trout are 56 to 70° F (Moyle, 1976). The temperature tolerance for rainbow trout is reported to be from about 32° F to the mid-80's depending on the oxygen content of the water, size of fish, and the degree of acclimation. To survive at the higher water temperatures, trout require a gradual acclimation and water that is saturated with oxygen. Also, smaller trout may withstand the higher temperatures better than the larger fish.

Rainbow trout prefer well-oxygenated water but can survive at very low oxygen levels, the level tending to be less at lower temperatures and longer periods of acclimation. For example, mean lethal oxygen concentrations range from 1.05 ppm at 52° F to 1.51 ppm at 68° F for rainbow trout averaging 3.8 inches in length (McAfee, 1966).

Rainbow trout do well in waters of pH from 7 to 8 and have adapted to waters of varying pH, ranging from at least 5.8 to 9.6 (Sigler, 1987).

In cold fresh water bodies, where the water body is free-flowing, such as in a river, stream or creek, the habitat usually supports a diversity of aquatic insects, including those aquatic insects which require a high quality of water. Typically, there is overhanging cover and shade, provided by a variety of aquatic plants, terrestrial plants, and trees. Another characteristic is that the bottom substrate usually contains structure, provided by tree root wads, logs, boulders, or gravel.

DESIGNATION OF SPAWNING, REPRODUCTION, AND/ OR EARLY DEVELOPMENT (SPWN) BENEFICIAL USE

In the San Diego Region, the SPWN beneficial use designation is assigned only to water bodies with MAR and/ or COLD beneficial uses. The marine fish used for the SPWN designation includes any marine fish. The cold freshwater fish used for the SPWN designation is the rainbow trout. Rainbow trout usually spawn in the Spring, and require spawning areas with gravel and cool, free-flowing, well-oxygenated water. Rainbow trout prefer to spawn in rivers, streams and creeks with a moderate gradient and containing riffles, however some populations of rainbow trout are also known to successfully spawn in lake inlets and outlets. The fry of rainbow trout need suitable nurseries, which allow protection from predators, such as the slow, shallow areas adjacent to riffles, with shade from bank vegetation. The fry also require an abundance of aquatic insects for forage.

ATTACHMENT 2

BENEFICIAL USE TABLES

The proposed modifications to the Basin Plan are shown on the pages which follow in ~~redline~~ and ~~strikeout~~ (~~strikeout~~) text.

Designated beneficial uses are summarized in the tables as follows:

Table 2-2 Inland Surface Waters;
Table 2-3 Coastal Waters; and
Table 2-4 Reservoirs and Lakes.

In the tables, a "●" indicates an existing beneficial use that was actually attained in the surface or ground water on or after November 28, 1975. A "○" indicates a potential beneficial use that will probably develop in future years through the implementation of various control measures. Potential uses also include uses that have been developed in the past but have been abandoned for reasons other than water quality. A "+" indicates that the water body has been exempted by the Regional Board from the municipal use designation under the terms and conditions of State Board Resolution No. 88-63, *Sources of Drinking Water Policy*.

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Table 2-2. BENEFICIAL USES OF INLAND SURFACE WATERS

Inland Surface Waters	1,2	Hydrologic Unit Basin Number	BENEFICIAL USE														
			M U N	A G R	I N D	P R O C	G W R	F R S H	P O W	R E C 1	R E C 2	B I O L	W A R M	C O L D	W I L D	R A R E	S P W N
Orange County Coastal Streams																	
Moro Canyon	1.11	+	●							O	●		●		●		
unnamed intermittent coastal streams	1.11	+	●							O	●		●		●		
Emerald Canyon	1.11	+	●							O	●		●		●		
Boat Canyon	1.11	+	●							O	●		●		●		
Laguna Canyon	1.12	+	●							O	●		●		●		
Blue Bird Canyon	1.12	+	●							O	●		●		●		
Rim Rock Canyon	1.12	+	●							O	●		●		●		
unnamed intermittent coastal streams	1.13	+	●							O	●		●		●		
Hobo Canyon	1.13	+	●							O	●		●		●		
Aliso Creek Watershed																	
Aliso Creek	1.13	+	●							O	●		●		●		
English Canyon	1.13	+	●							O	●		●		●		
Sulphur Creek	1.13	+	●							O	●		●		●		
Wood Canyon	1.13	+	●							O	●		●		●		
Aliso Creek Mouth	1.13	See Coastal Waters - Table 2-3															

● Existing Beneficial Use

O Potential Beneficial Use

+ Excepted From MUN (See Text)

¹ Waterbodies are listed multiple times if they cross hydrologic area or sub area boundaries.

² Beneficial use designations apply to all tributaries to the indicated waterbody, if not listed separately.

Table 2-2. BENEFICIAL USES OF INLAND SURFACE WATERS

Inland Surface Waters	1,2	Hydrologic Unit Basin Number	BENEFICIAL USE														
			M U N	A G R	I N D	P R O C	G W R	F R S H	P O W	R E C 1	R E C 2	B I O L	W A R M	C O L D	W I L D	R A R E	S P W N
Dana Point Watershed																	
unnamed intermittent coastal streams	1.14	+	●							O	●		●		●		
Salt Creek	1.14	+	●							O	●		●		●		
San Juan Canyon	1.14	+	●							O	●		●		●		
Arroyo Salada	1.14	+	●							O	●		●		●		
San Juan Creek Watershed																	
San Juan Creek	1.25	+	●	●						●	●		●	●	●		
Morrell Canyon	1.25	+	●	●						●	●		●	●	●		
Decker Canyon	1.25	+	●	●						●	●		●	●	●		
Long Canyon	1.25	+	●	●						●	●		●	●	●		
Lion Canyon	1.25	+	●	●						●	●		●	●	●		●
Hot Spring Canyon	1.25	+	●	●						●	●		●	●	●		●
Cold Spring Canyon	1.25	+	●	●						●	●		●	●	●		
Lucas Canyon	1.25	+	●	●						●	●		●	●	●		
Aliso Canyon	1.25	+	●	●						●	●		●	●	●		
Verdugo Canyon	1.25	+	●	●						●	●		●	●	●		
Bell Canyon	1.25	+	●	●						●	●		●	●	●		
Fox Canyon	1.25	+	●	●						●	●		●	●	●		

● Existing Beneficial Use

O Potential Beneficial Use

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Inland Surface Waters	1,2	Hydrologic Unit Basin Number	BENEFICIAL USE														
			M U N	A G R	I N D	P R O C	G W R	F R S H	P O W	R E C 1	R E C 2	B I O L	W A R M	C O L D	W I L D	R A R E	S P W N
San Juan Creek Watershed - continued																	
Dove Canyon	1.24	+	●	●						●	●		●	●	●		
Crow Canyon	1.25	+	●	●						●	●		●	●	●		
San Juan Creek	1.26	+	●	●						●	●		●	●	●		
Trampas Canyon	1.26	+	●	●						●	●		●	●	●		
Canada Gobernadora	1.24	+	●	●						●	●		●	●	●		
Canada Chiquita	1.24	+	●	●						●	●		●	●	●		
San Juan Creek	1.28	+	●	●						●	●		●	●	●		
San Juan Creek	1.27	+	●	●						●	●		●	●	●		
Horno Creek	1.27	+	●	●						●	●		●	●	●		
Arroyo Trabuco Creek	1.22	+	●	●						●	●		●	●	●		●
Holy Jim Canyon	1.22	+	●	●						●	●		●	●	●		●
Falls Canyon	1.22	+	●	●						●	●		●	●	●		
Rose Canyon	1.22	+	●	●						●	●		●	●	●		
Hickey Canyon	1.22	+	●	●						●	●		●	●	●		
Live Oak Canyon	1.22	+	●	●						●	●		●	●	●		
Arroyo Trabuco Creek	1.23	+	●	●						●	●		●	●	●		
Tijeras Canyon	1.23	+	●	●						●	●		●	●	●		

● Existing Beneficial Use

○ Potential Beneficial Use

+ Excepted From MUN (See Text)

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Table 2-2. BENEFICIAL USES OF INLAND SURFACE WATERS

Inland Surface Waters	1.2	Hydrologic Unit Basin Number	BENEFICIAL USE														
			M U N	A G R	I N D	P R O C	G W R	F R S H	P O W	R E C 1	R E C 2	B I O L	W A R M	C O L D	W I L D	R A R E	S P W N
San Juan Creek Watershed - continued																	
Arroyo Trabuco Creek	1.27	+	●	●						●	●		●	●	●		
Oso Creek	1.21	+	●	●						●	●		●	●	●		
La Paz Creek	1.21	+	●	●						●	●		●	●	●		
San Juan Creek Mouth	1.27	See Coastal Waters - Table 2-3															
Orange County Coastal Streams																	
Prima Deshecha Canada	1.31	+	●							O	●		●		●		
unnamed intermittent coastal streams	1.30	+	●							O	●		●		●		
Segunda Deshecha Canada	1.32	+	●							O	●		●		●		
San Mateo Creek Watershed																	
San Mateo Creek	1.40	+								O	●		●	●	●	●	●
Devil Canyon	1.40	+								O	●		●	●	●		●
Cold Spring Canyon	1.40	+								O	●		●	●	●		
San Mateo Canyon	1.40	+								O	●		●	●	●	●	●
Los Almos Canyon	1.40	+								O	●		●	●	●		●
Wildhorse Canyon	1.40	+								O	●		●	●	●		
Tenaja Canyon	1.40	+								O	●		●	●	●		●
Bluewater Canyon	1.40	+								O	●		●	●	●		

● Existing Beneficial Use

O Potential Beneficial Use

+ Excepted From MUN (See Text)

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Table 2-2. BENEFICIAL USES OF INLAND SURFACE WATERS

Inland Surface Waters	1,2	Hydrologic Unit Basin Number	BENEFICIAL USE														
			M U N	A G R	I N D	P R O C	G W R	F R S H	P O W	R E C 1	R E C 2	B I O L	W A R M	C O L D	W I L D	R A R E	S P W N
San Mateo Creek Watershed - continued																	
Nickel Canyon	1.40	+								O	●		●	●	●		
Christianitos Creek	1.40	+								O	●		●	●	●		
Gabino Canyon	1.40	+								O	●		●	●	●		
La Paz Canyon	1.40	+								O	●		●	●	●		
Blind Canyon	1.40	+								O	●		●	●	●		
Talega Canyon	1.40	+								O	●		●	●	●		
San Mateo Creek Mouth	1.40	See Coastal Waters- Table 2-3															
San Onofre Creek Watershed																	
San Onofre Creek	1.51	+	●							●	●		●	●	●		●
San Onofre Canyon North Fork	1.51	+	●							●	●		●	●	●		●
Jardine Canyon	1.51	+	●							●	●		●	●	●		
San Onofre Canyon	1.51	+	●							●	●		●	●	●		●
San Onofre Canyon South Fork	1.51	+	●							●	●		●	●	●	●	
San Onofre Creek Mouth	1.51	See Coastal Waters- Table 2-3															
unnamed intermittent coastal streams	1.51	+	●							●	●		●	●	●		
Foley Canyon	1.51	+	●							●	●		●	●	●		
Horno Canyon	1.51	+	●							●	●		●	●	●		
Las Flores Creek	1.52	+	●							●	●		●	●	●	●	

● Existing Beneficial Use

O Potential Beneficial Use

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Table 2-2. BENEFICIAL USES OF INLAND SURFACE WATERS

Inland Surface Waters	1,2	Hydrologic Unit Basin Number	BENEFICIAL USE														
			M U N	A G R	I N D	P R O C	G W R	F R S H	P O W	R E C 1	R E C 2	B I O L	W A R M	C O L D	W I L D	R A R E	S P W N
San Onofre Creek Watershed - continued																	
Piedra de Lumbre Canyon	1.52	+	●							●	●		●	●	●	●	
unnamed intermittent coastal streams	1.52	+	●							●	●		●	●	●		
Aliso Canyon	1.53	+	●							●	●		●	●	●	●	
French Canyon	1.53	+	●							●	●		●	●	●	●	
Cocklebur Canyon	1.53	+	●							●	●		●	●	●		
Santa Margarita River Watershed																	
Santa Margarita River	2.22		●	●	●					●	●		●	●	●	●	
Murrieta Creek	2.31		●	●	●	●				O	●		●		●		
Bundy Canyon	2.31		●	●	●	●				O	●		●		●		
Slaughterhouse Canyon	2.31		●	●	●	●				O	●		●		●		
Murrieta Creek	2.32		●	●	●	●				O	●		●		●		
Murrieta Creek	2.52		●	●	●	●	●			O	●		●		●		
Cole Canyon	2.32		●	●	●	●				O	●		●		●		
Miller Canyon	2.32		●	●	●	●				O	●		●		●		
Warm Springs Creek	2.36		●	●	●	●				O	●		●		●		
Diamond Valley	2.36		●	●	●	●				O	●		●		●		
Goodhart Canyon	2.36		●	●	●	●				O	●		●		●		

● Existing Beneficial Use

O Potential Beneficial Use

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Table 2-2. BENEFICIAL USES OF INLAND SURFACE WATERS

Inland Surface Waters	1,2	Hydrologic Unit Basin Number	BENEFICIAL USE														
			M U N	A G R	I N D	P R O C	G W R	F R S H	P O W	R E C 1	R E C 2	B I O L	W A R M	C O L D	W I L D	R A R E	S P W N
Santa Margarita River Watershed - continued																	
Pixley Canyon	2.36		●	●	●	●				O	●		●		●		
Warm Springs Creek	2.35		●	●	●	●				O	●		●		●		
Domenigoni Valley	2.35		●	●	●	●				O	●		●		●		
Warm Springs Creek	2.34		●	●	●	●				O	●		●		●		
Warm Springs Creek	2.33		●	●	●	●				O	●		●		●		
French Valley	2.33		●	●	●	●				O	●		●		●		
Santa Gertrudis Creek	2.42		●	●	●	●	O			●	●		●	■	●		
Long Valley	2.42		●	●	●	●	O			●	●		●	■	●		
Glenoak Valley	2.42		●	●	●	●	O			●	●		●	●	●		
Tucalota Creek	2.43		●	●	●	●	O			●	●		●	●	●		
Willow Canyon	2.44		●	●	●	●	O			●	●		●	●	●		
Lake Skinner	2.41		See Reservoirs & Lakes- Table 2-4														
Tucalota Creek	2.41		●	●	●	●	O			●	●		●	■	●		
Crown Valley	2.41		●	●	●	●	O			●	●		●	●	●		
Rawson Canyon	2.41		●	●	●	●	O			●	●		●	●	●		
Tucalota Creek	2.42		●	●	●	●	O			●	●		●	■	●		
Santa Gertrudis Creek	2.32		●	●	●	●				O	●		●		●		

● Existing Beneficial Use

O Potential Beneficial Use

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Table 2-2. BENEFICIAL USES OF INLAND SURFACE WATERS

Inland Surface Waters	1,2	Hydrologic Unit Basin Number	BENEFICIAL USE														
			M U N	A G R	I N D	P R O C	G W R	F R S H	P O W	R E C 1	R E C 2	B I O L	W A R M	C O L D	W I L D	R A R E	S P W N
Santa Margarita River Watershed - continued																	
Long Canyon	2.32	●	●	●	●					O	●		●		●		
Temecula Creek	2.93	●	●	●	●	●				O	●		●		●		
Kohler Canyon	2.93	●	●	●	●	●				O	●		●	●	●		
Rattlesnake creek	2.93	●	●	●	●	●				O	●		●	●	●		
Temecula Creek	2.92	●	●	●	●	●				O	●		●		●		
Chihuahua Creek	2.94	●	●	●	●	●				O	●		●		●		
Chihuahua Creek	2.92	●	●	●	●	●				O	●		●		●		
Cooper Canyon	2.92	●	●	●	●	●				O	●		●		●		
Iron Spring Canyon	2.92	●	●	●	●	●				O	●		●		●		
Temecula Creek	2.91	●	●	●	●	●				O	●		●		●		
Culp Valley	2.91	●	●	●	●	●				O	●		●		●		
Temecula Creek	2.84	●	●	●	●	●				●	●		●	●	●		●
Tule Creek	2.84	●	●	●	●	●				●	●		●	●	●		
Million Dollar Canyon	2.84	●	●	●	●	●				●	●		●	●	●		
Cottonwood Creek	2.84	●	●	●	●	●				●	●		●	●	●		●
Temecula Creek	2.83	●	●	●	●	●				●	●		●	●	●		●
Long Canyon	2.83	●	●	●	●	●				●	●		●	●	●		●

● Existing Beneficial Use

O Potential Beneficial Use

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Table 2-2. BENEFICIAL USES OF INLAND SURFACE WATERS

Inland Surface Waters	1,2	Hydrologic Unit Basin Number	BENEFICIAL USE														
			M U N	A G R	I N D	P R O C	G W R	F R S H	P O W	R E C 1	R E C 2	B I O L	W A R M	C O L D	W I L D	R A R E	S P W N
Santa Margarita River Watershed - continued																	
Vail Lake		2.81	See Reservoirs & Lakes- Table 2-4														
Wilson Creek		2.63	●	●	●	●	●			O	●		●		●		
Wilson Creek		2.61	●	●	●	●	●			O	●		●		●		
Cahuilla Creek		2.73	●	●	●	●	●			O	●		●		●		
Hamilton Creek		2.74	●	●	●	●	●			O	●		●		●		
Hamilton Creek		2.73	●	●	●	●	●			O	●		●		●		
Cahuilla Creek		2.72	●	●	●	●	●			O	●		●		●		
Cahuilla Creek		2.71	●	●	●	●	●			O	●		●		●		
Elder Creek		2.71	●	●	●	●	●			O	●		●		●		
Cahuilla Creek		2.61	●	●	●	●	●			O	●		●		●		
Wilson Creek		2.81	●	●	●	●	●			●	●		●	●	●		
Lewis Valley		2.62	●	●	●	●	●			O	●		●		●		
Arroyo Seco Creek		2.81	●	●	●	●	●			●	●		●	●	●		
Arroyo Seco Creek		2.82	●	●	●	●	●			●	●		●	●	●		●
Kolb Creek		2.81	●	●	●	●	●			●	●		●	●	●		
Temecula Creek		2.81	●	●	●	●	●			●	●		●	●	●		●
Temecula Creek		2.51	●	●	●	●	●			O	●		●		●		

● Existing Beneficial Use

O Potential Beneficial Use

¹ Waterbodies are listed multiple times if they cross hydrologic area or sub area boundaries.

² Beneficial use designations apply to all tributaries to the indicated waterbody, if not listed separately.

Table 2-2. BENEFICIAL USES OF INLAND SURFACE WATERS

Inland Surface Waters	1,2	Hydrologic Unit Basin Number	BENEFICIAL USE														
			M U N	A G R	I N D	P R O C	G W R	F R S H	P O W	R E C 1	R E C 2	B I O L	W A R M	C O L D	W I L D	R A R E	S P W N
Santa Margarita River Watershed - continued																	
Temecula Creek		2.52	●	●	●	●	●			O	●		●		●		
Pechanga Creek		2.52	●	●	●	●	●			O	●		●		●		
Rainbow Creek		2.23	●	●	●					●	●		●	●	●		●
Rainbow Creek		2.22	●	●	●					●	●		●	●	●		●
Sandia Canyon		2.22	●	●	●					●	●		●	●	●		●
Walker Basin		2.22	●	●	●					●	●		●	●	●		
Santa Margarita River		2.21	●	●	●					●	●		●	●	●	●	
DeLuz Creek		2.21	●	●	●					●	●		●	●	●	●	●
Cottonwood Creek		2.21	●	●	●					●	●		●	●	●		
Camps Creek		2.21	●	●	●					●	●		●	●	●		●
Fern Creek		2.21	●	●	●					●	●		●	●	●		●
Roblar Creek		2.21	●	●	●					●	●		●	●	●		
O'Neill Lake		2.13	See Reservoirs & Lakes- Table 2-4														
Santa Margarita River		2.13	●	●	●	●				●	●		●	●	●	●	
Wood Canyon		2.13	●	●	●	●				●	●		●	●	●		
Santa Margarita River		2.12	●	●	●	●				●	●		●	●	●	●	
Santa Margarita River		2.11	●	●	●	●				●	●		●	●	●	●	
Pueblitos Canyon		2.11	●	●	●	●				●	●		●	●	●	●	

- Existing Beneficial Use
- O Potential Beneficial Use

¹ Waterbodies are listed multiple times if they cross hydrologic area or sub area boundaries.

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Table 2-2. BENEFICIAL USES OF INLAND SURFACE WATERS

Inland Surface Waters	1,2	Hydrologic Unit Basin Number	BENEFICIAL USE														
			M U N	A G R	I N D	P R O C	G W R	F R S H	P O W	R E C 1	R E C 2	B I O L	W A R M	C O L D	W I L D	R A R E	S P W N
Santa Margarita River Watershed - continued																	
Newton Canyon		2.11	●	●	●	●				●	●		●	■	●		
Santa Margarita Lagoon		2.11	See Coastal Waters- Table 2-3														
San Luis Rey River Watershed																	
San Luis Rey River		3.32	●	●	●			●	●	●	●		●	■	●		
Johnson Canyon		3.32	●	●	●			●	●	●	●		●	■	●		
San Luis Rey River		3.31	●	●	●			●	●	●	●		●	■	●		
Canada Aguanga		3.31	●	●	●			●	●	●	●		●	■	●		
Dark Canyon		3.31	●	●	●			●	●	●	●		●	■	●		
Bear Canyon		3.31	●	●	●			●	●	●	●		●	■	●		
Cow Canyon		3.31	●	●	●			●	●	●	●		●	■	●		
Blue Canyon		3.31	●	●	●			●	●	●	●		●	■	●		
Rock Canyon		3.31	●	●	●			●	●	●	●		●	■	●		
Agua Caliente Creek		3.31	●	●	●			●	●	●	●		●	■	●		
unnamed Tributary		3.31	●	●	●			●	●	●	●		●	■	●		●
Canada Agua Caliente		3.31	●	●	●			●	●	●	●		●	■	●		
Canada Verde		3.31	●	●	●			●	●	●	●		●	■	●		
Ward Canyon		3.31	●	●	●			●	●	●	●		●	■	●		
Lake Henshaw		3.31	See Reservoirs & Lakes- Table 2-4														

● Existing Beneficial Use

○ Potential Beneficial Use

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Table 2-2. BENEFICIAL USES OF INLAND SURFACE WATERS

Inland Surface Waters	1,2	Hydrologic Unit Basin Number	BENEFICIAL USE														
			M U N	A G R	I N D	P R O C	G W R	F R S H	P O W	R E C 1	R E C 2	B I O L	W A R M	C O L D	W I L D	R A R E	S P W N
San Luis Rey River Watershed - continued																	
West Fork San Luis Rey River	3.31	●	●	●			●	●	●	●		●	●	●			●
Fry Creek	3.31	●	●	●			●	●	●	●		●	●	●			
Iron Springs Creek	3.31	●	●	●			●	●	●	●		●	●	●			●
Buena Vista Creek	3.31	●	●	●			●	●	●	●		●	●	●			
Cherry Canyon	3.31	●	●	●			●	●	●	●		●		●			
Bertha Canyon	3.31	●	●	●			●	●	●	●		●		●			
Hoover Canyon	3.31	●	●	●			●	●	●	●		●		●			
Buck Canyon	3.31	●	●	●			●	●	●	●		●		●			
Bergstrom Canyon	3.31	●	●	●			●	●	●	●		●		●			
San Ysidro Creek	3.31	●	●	●			●	●	●	●		●		●			
Matagual Creek	3.31	●	●	●			●	●	●	●		●	●	●			
Carrizo Creek	3.31	●	●	●			●	●	●	●		●	●	●			
Carrista Creek	3.31	●	●	●			●	●	●	●		●		●			
Kumpohui Creek	3.31	●	●	●			●	●	●	●		●		●			
San Luis Rey River	3.31	●	●	●			●	●	●	●		●	●	●			
San Luis Rey River	3.23	●	●	●				●	●	●		●	●	●			●
Wigham Creek	3.23	●	●	●				●	●	●		●	●	●			

● Existing Beneficial Use

○ Potential Beneficial Use

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Table 2-2. BENEFICIAL USES OF INLAND SURFACE WATERS

Inland Surface Waters	1,2	Hydrologic Unit Basin Number	BENEFICIAL USE														
			M U N	A G R	I N D	P R O C	G W R	F R S H	P O W	R E C 1	R E C 2	B I O L	W A R M	C O L D	W I L D	R A R E	S P W N
San Luis Rey River Watershed - continued																	
Prisoner Creek	3.23		●	●	●				●	●	●		●	●	●		
Lusardi Canyon	3.23		●	●	●				●	●	●		●	●	●		
Cedar Creek	3.23		●	●	●				●	●	●		●	●	●		
San Luis Rey River	3.22		●	●	●				●	●	●		●	●	●		
Bee Canyon	3.22		●	●	●				●	●	●		●	●	●		
Paradise Creek	3.22		●	●	●				●	●	●		●	●	●		
Hell Creek	3.22		●	●	●				●	●	●		●	●	●		
Horsethief Canyon	3.22		●	●	●				●	●	●		●	●	●		
Potrero Creek	3.22		●	●	●				●	●	●		●	●	●		
Plaisted Creek	3.22		●	●	●				●	●	●		●	●	●		
Yuima Creek	3.22		●	●	●				●	●	●		●	●	●		
Sycamore Canyon	3.22		●	●	●				●	●	●		●	●	●		
Pauma Creek	3.22		●	●	●				●	●	●		●	●	●		●
Doane Creek	3.22		●	●	●				●	●	●		●	●	●		●
Chimney Creek	3.22		●	●	●				●	●	●		●	●	●		
French Creek	3.22		●	●	●				●	●	●		●	●	●		●
Lion Creek	3.22		●	●	●				●	●	●		●	●	●		●

● Existing Beneficial Use

○ Potential Beneficial Use

¹ Waterbodies are listed multiple times if they cross hydrologic area or sub area boundaries.

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Table 2-2. BENEFICIAL USES OF INLAND SURFACE WATERS

Inland Surface Waters	1,2	Hydrologic Unit Basin Number	BENEFICIAL USE														
			M U N	A G R	I N D	P R O C	G W R	F R S H	P O W	R E C 1	R E C 2	B I O L	W A R M	C O L D	W I L D	R A R E	S P W N
San Luis Rey River Watershed - continued																	
Harrison Canyon	3.22	●	●	●				●	●	●		●	●	●			
Jaybird Creek	3.22	●	●	●				●	●	●		●	●	●			
Frey Creek	3.22	●	●	●				●	●	●		●	●	●			
Agua Tibia Creek	3.22	●	●	●				●	●	●		●	●	●		●	
San Luis Rey River	3.21	●	●	●					●	●		●	●	●			
Marion Canyon	3.21	●	●	●					●	●		●	●	●			
Magee Creek	3.21	●	●	●					●	●		●	●	●			
Castro Canyon	3.21	●	●	●					●	●		●	●	●			
Trujillo Creek	3.21	●	●	●					●	●		●	●	●			
Pala Creek	3.21	●	●	●					●	●		●	●	●		●	
Gomez Creek	3.21	●	●	●					●	●		●	●	●			
Couser Canyon	3.21	●	●	●					●	●		●	●	●			
Double Canyon	3.21	●	●	●					●	●		●	●	●			
Rice Canyon	3.21	●	●	●					●	●		●	●	●			
San Luis Rey River	3.12	+	●	●					●	●		●		●	●		
Keys Creek	3.12	+	●	●					●	●		●		●			
Moosa Canyon	3.15	+	●	●					●	●		●		●			

● Existing Beneficial Use

O Potential Beneficial Use

+ Excepted From MUN (See Text)

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Table 2-2. BENEFICIAL USES OF INLAND SURFACE WATERS

Inland Surface Waters	1,2	Hydrologic Unit Basin Number	BENEFICIAL USE														
			M U N	A G R	I N D	P R O C	G W R	F R S H	P O W	R E C 1	R E C 2	B I O L	W A R M	C O L D	W I L D	R A R E	S P W N
San Luis Rey River Watershed - continued																	
unnamed intermittent streams		3.16	+	●	●						●	●		●		●	
Moosa Canyon		3.14	+	●	●						●	●		●		●	
Moosa Canyon		3.13	+	●	●						●	●		●		●	
Turner Lake		3.13	See Reservoirs & Lakes- Table 2-4														
South Fork Moosa Canyon		3.13	+	●	●						●	●		●		●	
Moosa Canyon		3.12	+	●	●						●	●		●		●	
Gopher Canyon		3.12	+	●	●						●	●		●		●	
South Fork Gopher Canyon		3.12	+	●	●						●	●		●		●	
San Luis Rey River		3.11	+	●	●						●	●		●		●	●
Pilgrim Creek		3.11	+	●	●						●	●		●	●	●	●
Windmill Canyon		3.11	+	●	●						●	●		●	●	●	
Tuley Canyon		3.11	+	●	●						●	●		●		●	
Lawerence Canyon		3.11	+	●	●						●	●		●		●	
Mouth of San Luis Rey River		3.11	See Coastal Waters- Table 2-3														
San Diego County Coastal Streams																	
Loma Alta Creek		4.10	+								O	●		●		●	
Loma Alta Slough		4.10	See Coastal Waters- Table 2-3														

● Existing Beneficial Use

O Potential Beneficial Use

+ Excepted From MUN (See Text)

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Table 2-2. BENEFICIAL USES OF INLAND SURFACE WATERS

Inland Surface Waters	1,2	Hydrologic Unit Basin Number	BENEFICIAL USE														
			M U N	A G R	I N D	P R O C	G W R	F R S H	P O W	R E C 1	R E C 2	B I O L	W A R M	C O L D	W I L D	R A R E	S P W N
San Diego County Coastal Streams - continued																	
Buena Vista Lagoon		4.21	See Coastal Waters- Table 2-3														
Buena Vista Creek		4.22	+	●	●					●	●		●		●		
Buena Vista Creek		4.21	+	●	●					●	●		●		●	●	
Agua Hedionda		4.31	See Coastal Waters- Table 2-3														
Agua Hedionda Creek		4.32	●	●	●					●	●		●		●		
Buena Creek		4.32	●	●	●					●	●		●		●		
Agua Hedionda Creek		4.31	●	●	●					●	●		●		●		
Letterbox canyon		4.31	●	●	●					●	●		●		●		
Canyon de las Encinas		4.40	+							O	●		●		●		
San Marcos Creek Watershed																	
Batiquitos Lagoon		4.51	See Coastal Waters- Table 2-3														
San Marcos Creek		4.52	+	●						●	●		●		●		
unnamed intermittent streams		4.53	+	●						●	●		●		●		
San Marcos Creek Watershed																	
San Marcos Creek		4.51	+	●						●	●		●		●		
Encinitas Creek		4.51	+	●						●	●		●		●		

● Existing Beneficial Use

O Potential Beneficial Use

+ Excepted From MUN (See Text)

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Table 2-2. BENEFICIAL USES OF INLAND SURFACE WATERS

Inland Surface Waters	1,2	Hydrologic Unit Basin Number	BENEFICIAL USE															
			M U N	A G R	I N D	P R O C	G W R	F R S H	P O W	R E C 1	R E C 2	B I O L	W A R M	C O L D	W I L D	R A R E	S P W N	
Escondido Creek Watershed																		
San Elijo Lagoon		4.61	See Coastal Waters- Table 2-3															
Escondido Creek		4.63	●	●	O				●	●	●		●	●	●			
Lake Wohlford		4.63	See Reservoirs & Lakes- Table 2-4															
Lake Dixon		4.62	See Reservoirs & Lakes- Table 2-4															
Escondido Creek		4.62	●	●	O					●	●		●	●	●			
Reidy Canyon		4.62	●	●	O					●	●		●	●	●			
Escondido Creek		4.61	●	●	O					●	●		●	●	●			
San Dieguito River Watershed																		
Santa Ysabel Creek		5.54	●	●	●	●				●	●		●	●	●		●	
Jim Dan Price Creek		5.54	●	●	●	●				●	●		●	●	●			
Santa Ysabel Creek		5.53	●	●	●	●				●	●		●	●	●			
Witch Creek		5.53	●	●	●	●				●	●		●	●	●		●	
Sutherland Lake		5.53	See Reservoirs & Lakes- Table 2-4															
Bloomdale Creek		5.53	●	●	●	●				●	●		●	●	●			
Santa Ysabel Creek		5.52	●	●	●	●				●	●		●	●	●	●		
Lake Poway		5.52	See Reservoirs & Lakes- Table 2-4															
Black Canyon		5.52	●	●	●	●				●	●		●	●	●		●	

● Existing Beneficial Use

O Potential Beneficial Use

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Table 2-2. BENEFICIAL USES OF INLAND SURFACE WATERS

Inland Surface Waters	1,2	Hydrologic Unit Basin Number	BENEFICIAL USE														
			M U N	A G R	I N D	P R O C	G W R	F R S H	P O W	R E C 1	R E C 2	B I O L	W A R M	C O L D	W I L D	R A R E	S P W N
San Dieguito River Watershed - continued																	
Scholder Creek	5.52	●	●	●	●				●	●		●	●	●			
Temescal Creek	5.52	●	●	●	●				●	●		●	●	●			
Bear Creek	5.52	●	●	●	●				●	●		●	●	●			
Quail Canyon	5.52	●	●	●	●				●	●		●	●	●			
Carney Canyon	5.52	●	●	●	●				●	●		●	●	●			
Santa Ysabel Creek	5.51	●	●	●	●				●	●		●	●	●			
Boden Canyon	5.51	●	●	●	●				●	●		●	●	●			
Clevenger Canyon	5.51	●	●	●	●				●	●		●	●	●			
Santa Ysabel Creek	5.32	●	●	●	●				O	●		●		●	●		
Tims Canyon	5.32	●	●	●	●				O	●		●		●			
Schoolhouse Canyon	5.32	●	●	●	●				O	●		●		●			
Rockwood Canyon	5.35	●	●	●	●				O	●		●		●			
Guejito Creek	5.35	●	●	●	●				O	●		●		●			
unnamed intermittent streams	5.36	●	●	●	●				O	●		●		●			
Rockwood Canyon	5.32	●	●	●	●				O	●		●		●			
Santa Maria Creek	5.41	●	●	●	●				●	●		●		●			
Hatfield Creek	5.45	●	●	●	●				●	●		●		●			

● Existing Beneficial Use

O Potential Beneficial Use

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Table 2-2. BENEFICIAL USES OF INLAND SURFACE WATERS

Inland Surface Waters	1,2	Hydrologic Unit Basin Number	BENEFICIAL USE														
			M U N	A G R	I N D	P R O C	G W R	F R S H	P O W	R E C 1	R E C 2	B I O L	W A R M	C O L D	W I L D	R A R E	S P W N
San Dieguito River Watershed - continued																	
Hatfield Creek	5.44	●	●	●	●				●	●		●		●			
Wash Hollow Creek	5.43	●	●	●	●				●	●		●		●			
Wash Hollow Creek	5.44	●	●	●	●				●	●		●		●			
Hatfield Creek	5.42	●	●	●	●				●	●		●		●			
Santa Teresa Valley	5.46	●	●	●	●				●	●		●		●			
unnamed intermittent streams	5.47	●	●	●	●				●	●		●		●			
Hatfield Creek	5.41	●	●	●	●				●	●		●		●			
Santa Maria Creek	5.32	●	●	●	●				O	●		●		●			
unnamed intermittent streams	5.33	●	●	●	●				O	●		●		●			
unnamed intermittent streams	5.34	●	●	●	●				O	●		●		●			
San Dieguito River	5.32	●	●	●	●				O	●		●		●		●	
unnamed Tributary	5.32	●	●	●	●				O	●		●		●		●	
San Dieguito River	5.21	●	●	●	●				●	●	●	●	●	●	●	●	
Highland Valley	5.31	●	●	●	●				O	●		●		●			
Lake Hodges	5.21	See Reservoirs & Lakes- Table 2-4															
San Dieguito Reservoir	5.21	See Reservoirs & Lakes- Table 2-4															
Warren Canyon	5.21	●	●	●	●				●	●		●	●	●			

● Existing Beneficial Use

O Potential Beneficial Use

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Table 2-2. BENEFICIAL USES OF INLAND SURFACE WATERS

Inland Surface Waters	1,2	Hydrologic Unit Basin Number	BENEFICIAL USE														
			M U N	A G R	I N D	P R O C	G W R	F R S H	P O W	R E C 1	R E C 2	B I O L	W A R M	C O L D	W I L D	R A R E	S P W N
San Dieguito River Watershed - continued																	
San Bernardo Valley	5.21		●	●	●	●				●	●		●	●	●	●	
unnamed intermittent streams	5.24		●	●	●	●				●	●		●	●	●		
unnamed intermittent streams	5.23		●	●	●	●				●	●		●	●	●		
unnamed intermittent streams	5.22		●	●	●	●				●	●		●	●	●		
San Dieguito River	5.11		+	O	O					●	●		●	●	●		●
Lusardi Creek	5.12		+	O	O					●	●		●		●		
Lusardi Creek	5.11		+	O	O					●	●		●		●		
La Zanja Canyon	5.11		+	O	O					●	●		●		●		
Gonzales Canyon	5.11		+	O	O					●	●		●		●		
San Dieguito Lagoon	5.11		See Coastal Waters- Table 2-3														
Los Penasquitos Creek Watershed																	
Los Penasquitos Lagoon	6.10		See Coastal Waters- Table 2-3														
Soledad Canyon	6.10		+	●	●					O	●		●	●	●		
Carol Canyon	6.10		+	●	●					O	●		●	●	●	●	
Miramar Reservoir	6.10		See Reservoirs & Lakes- Table 2-4														
Los Penasquitos Creek	6.20		+	●	O					●	●		●	●	●		
Rattlesnake Creek	6.20		+	●	O					●	●		●	●	●		

● Existing Beneficial Use

O Potential Beneficial Use

+ Excepted From MUN (See Text)

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² Beneficial use designations apply to all tributaries to the indicated waterbody, if not listed separately.

Table 2-2. BENEFICIAL USES OF INLAND SURFACE WATERS

Inland Surface Waters	1,2	Hydrologic Unit Basin Number	BENEFICIAL USE															
			M U N	A G R	I N D	P R O C	G W R	F R S H	P O W	R E C 1	R E C 2	B I O L	W A R M	C O L D	W I L D	R A R E	S P W N	
Los Penasquitos Creek Watershed - continued																		
Poway Creek		6.20	+	●	O					●	●		●	●	●			
Beeler Creek		6.20	+	●	O					●	●		●	●	●			
Chicarita Creek		6.20	+	●	O					●	●		●	●	●			
Cypress Canyon		6.20	+	●	O					●	●		●	●	●			
Los Penasquitos Creek		6.10	+	●	●					O	●		●	●	●			
unnamed Tributary		6.10	+	●	●					O	●		●	●	●	●		
Carmel Valley		6.10	+	●	●					O	●		●	●	●			
Deer Canyon		6.10	+	●	●					O	●		●	●	●			
McGonigle Canyon		6.10	+	●	●					O	●		●	●	●			
Bell Valley		6.10	+	●	●					O	●		●	●	●			
Shaw Valley		6.10	+	●	●					O	●		●	●	●			
San Diego County Coastal Streams																		
unnamed intermittent coastal streams		6.30	+							O	●		●		●			
Rose Canyon Watershed																		
Rose Canyon		6.40	+		O					●	●		●	●	●			
San Clemente Canyon		6.40	+		O					●	●		●	●	●	●	●	●

● Existing Beneficial Use

O Potential Beneficial Use

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Table 2-2. BENEFICIAL USES OF INLAND SURFACE WATERS

Inland Surface Waters	1,2	Hydrologic Unit Basin Number	BENEFICIAL USE														
			M U N	A G R	I N D	P R O C	G W R	F R S H	P O W	R E C 1	R E C 2	B I O L	W A R M	C O L D	W I L D	R A R E	S P W N
Tecolote Creek Watershed																	
Tecolote Creek		6.50	+							O	●		●		●		
San Diego River Watershed																	
San Diego River		7.41	●	●	●	●				●	●		●	●	●		
Coleman Creek		7.42	●	●	●	●				●	●		●	●	●		
Eastwood Creek		7.42	●	●	●	●				●	●		●	●	●		
Jim Green Creek		7.42	●	●	●	●				●	●		●	●	●		
Mariette Creek		7.42	●	●	●	●				●	●		●	●	●		
Boring Creek		7.42	●	●	●	●				●	●		●	●	●		
Bailey Creek		7.42	●	●	●	●				●	●		●	●	●		
Coleman Creek		7.41	●	●	●	●				●	●		●	●	●		
Setenec Creek		7.42	●	●	●	●				●	●		●	●	●		
Setenec Creek		7.41	●	●	●	●				●	●		●	●	●		
Temescal Creek		7.41	●	●	●	●				●	●		●	●	●		
Paine Bottom		7.41	●	●	●	●				●	●		●	●	●		
Orinoco Creek		7.41	●	●	●	●				●	●		●	●	●		
Iron Springs Canyon		7.41	●	●	●	●				●	●		●	●	●		
Dye Canyon		7.41	●	●	●	●				●	●		●	●	●		

● Existing Beneficial Use

O Potential Beneficial Use

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Table 2-2. BENEFICIAL USES OF INLAND SURFACE WATERS

Inland Surface Waters	1,2	Hydrologic Unit Basin Number	BENEFICIAL USE														
			M U N	A G R	I N D	P R O C	G W R	F R S H	P O W	R E C 1	R E C 2	B I O L	W A R M	C O L D	W I L D	R A R E	S P W N
San Diego River Watershed - continued																	
Richie Creek		7.41	●	●	●	●				●	●		●	●	●		
Cedar Creek		7.41	●	●	●	●				●	●		●	●	●		●
Sandy Creek		7.41	●	●	●	●				●	●		●	●	●		
Dehl Dehr Creek		7.41	●	●	●	●				●	●		●	●	●		●
Kelly Creek		7.41	●	●	●	●				●	●		●	●	●		
Cuyamaca Reservoir		7.43	See Reservoirs & Lakes- Table 2-4														
Little Stonewall Creek		7.43	●	●	●	●				●	●		●	●	●		●
Boulder Creek		7.41	●	●	●	●				●	●		●	●	●		●
Azalea Creek		7.41	●	●	●	●				●	●		●	●	●		
Johnson Creek		7.41	●	●	●	●				●	●		●	●	●		
Sheep Camp Creek		7.41	●	●	●	●				●	●		●	●	●		
San Diego River		7.31	●	●	●	●				●	●		●	●	●		
El Capitan Reservoir		7.31	See Reservoirs & Lakes- Table 2-4														
Isham Creek		7.31	●	●	●	●				●	●		●	●	●		
Sand Creek		7.31	●	●	●	●				●	●		●	●	●		
Conejos Creek		7.31	●	●	●	●				●	●		●	●	●		●
King Creek		7.31	●	●	●	●				●	●		●	●	●		

● Existing Beneficial Use

○ Potential Beneficial Use

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Table 2-2. BENEFICIAL USES OF INLAND SURFACE WATERS

Inland Surface Waters	1,2	Hydrologic Unit Basin Number	BENEFICIAL USE														
			M U N	A G R	I N D	P R O C	G W R	F R S H	P O W	R E C 1	R E C 2	B I O L	W A R M	C O L D	W I L D	R A R E	S P W N
San Diego River Watershed - continued																	
West Fork King Creek	7.31	●	●	●	●					●	●		●	●	●		
Echo Valley	7.31	●	●	●	●					●	●		●	●	●		
Peutz Valley	7.31	●	●	●	●					●	●		●	●	●		
Chocolate Canyon	7.32	●	●	●	●					●	●		●	●	●		
Alpine Creek	7.33	●	●	●	●					●	●		●	●	●		
Chocolate Canyon	7.31	●	●	●	●					●	●		●	●	●		
San Diego River	7.15	O		●						●	●		●	■	●	●	
San Diego River	7.12	O		●						●	●		●	■	●	●	
Lake Jennings	7.12	See Reservoirs & Lakes- Table 2-4															
Quail Canyon	7.12	O		●						●	●		●	■	●		
Wildcat Canyon	7.12	O		●						●	●		●	■	●		
San Vicente Creek	7.23	●	●	●	●					●	●		●	■	●		
Swartz Canyon	7.23	●	●	●	●					●	●		●	■	●		
Klondike Creek	7.23	●	●	●	●					●	●		●	■	●		
San Vicente Creek	7.22	●	●	●	●					●	●		●	■	●		
Darney Canyon	7.22	●	●	●	●					●	●		●	■	●		
Longs Gulch	7.22	●	●	●	●					●	●		●	■	●		

● Existing Beneficial Use

O Potential Beneficial Use

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Table 2-2. BENEFICIAL USES OF INLAND SURFACE WATERS

Inland Surface Waters	1,2	Hydrologic Unit Basin Number	BENEFICIAL USE														
			M U N	A G R	I N D	P R O C	G W R	F R S H	P O W	R E C 1	R E C 2	B I O L	W A R M	C O L D	W I L D	R A R E	S P W N
San Diego River Watershed - continued																	
San Vicente Reservoir		7.21	See Reservoirs & Lakes- Table 2-4														
West Branch San Vicente Creek		7.21	●	●	●	●				●	●		●	●	●		
Padre Barona Creek		7.24	●	●	●	●				●	●		●	●	●		
Wright Canyon		7.24	●	●	●	●				●	●		●	●	●		
Featherstone Canyon		7.24	●	●	●	●				●	●		●	●	●		
Padre Barona Creek		7.12	O		●					●	●		●	●	●		
Foster Canyon		7.21	●	●	●	●				●	●		●	●	●		
San Vicente Creek		7.12	O		●					●	●		●	●	●		
Slaughterhouse Canyon		7.12	O		●					●	●		●	●	●		
Las Coches Creek		7.14	O		●					●	●		●	●	●		
Rios Canyon		7.14	O		●					●	●		●	●	●		
Los Coches Creek		7.12	O		●					●	●		●	●	●		
Forrester Creek		7.13	O		●					●	●		●	●	●		
Forrester Creek		7.12	O		●					●	●		●	●	●		
Sycamore Canyon		7.12	+	●	●					●	●		●	●	●	●	
unnamed tributary		7.12	+	●	●					●	●		●	●	●	●	
Clark Canyon		7.12	+	●	●					●	●		●	●	●	●	

● Existing Beneficial Use

O Potential Beneficial Use

+ Excepted From MUN (See Text)

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Table 2-2. BENEFICIAL USES OF INLAND SURFACE WATERS

Inland Surface Waters	1,2	Hydrologic Unit Basin Number	BENEFICIAL USE														
			M U N	A G R	I N D	P R O C	G W R	F R S H	P O W	R E C 1	R E C 2	B I O L	W A R M	C O L D	W I L D	R A R E	S P W N
San Diego River Watershed - continued																	
West Sycamore Canyon	7.12	+	●	●						●	●		●	●	●		
Quail Canyon	7.12	+	●	●						●	●		●	●	●		
Little Sycamore Canyon	7.12	+	●	●						●	●		●	●	●		
Spring Canyon	7.12	+	●	●						●	●		●	●	●	●	
Oak Canyon	7.12	+	●	●						●	●		●	●	●		
San Diego River	7.11	+	●	●						●	●		●	●	●	●	
unnamed Tributary	7.11	+	●	●						●	●		●	●	●	●	
Alvarado Canyon	7.11	+	●	●						●	●		●	●	●		
Lake Murray	7.11	See Reservoirs & Lakes- Table 2-4															
Murphy Canyon	7.11	+	●	●						●	●		●	●	●	●	
Shepherd Canyon	7.11	+	●	●						●	●		●	●	●		
Murray Canyon	7.11	+	●	●						●	●		●	●	●		
Mouth of San Diego River	7.11	See Coastal Waters- Table 2-3															
San Diego County Coastal Streams																	
unnamed intermittent coastal streams	8.10	+								O	●		●		●		
Powerhouse Canyon	8.21	+								O	●		●		●		
Chollas Creek	8.22	+								O	●		●		●		

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O Potential Beneficial Use

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Table 2-2. BENEFICIAL USES OF INLAND SURFACE WATERS

Inland Surface Waters	1,2	Hydrologic Unit Basin Number	BENEFICIAL USE														
			M U N	A G R	I N D	P R O C	G W R	F R S H	P O W	R E C 1	R E C 2	B I O L	W A R M	C O L D	W I L D	R A R E	S P W N
San Diego County Coastal Streams - continued																	
South Chollas Valley	8.22	+								O	●		●		●		
Seventh St. Chann	8.31	+								O	●		●		●		●
unnamed intermittent streams	8.31	+								O	●		●		●		
Paradise Creek	8.32	+								O	●		●		●		
Paradise Valley	8.32	+								O	●		●		●		
Sweetwater River Watershed																	
Sweetwater River	9.35		●	●	●	●				●	●		●	●	●		●
Stonewall Creek	9.35		●	●	●	●				●	●		●	●	●		●
Harper Creek	9.35		●	●	●	●				●	●		●	●	●		●
Cold Stream	9.35		●	●	●	●				●	●		●	●	●		●
Japacha Creek	9.35		●	●	●	●				●	●		●	●	●		●
Juaquapin Creek	9.35		●	●	●	●				●	●		●	●	●		●
Arroyo Seco	9.35		●	●	●	●				●	●		●	●	●		
Sweetwater River	9.34		●	●	●	●				●	●		●	●	●		●
Descanso Creek	9.34		●	●	●	●				●	●		●	●	●		
Samagatuma Creek	9.34		●	●	●	●				●	●		●	●	●		
Sweetwater River	9.31		●	●	●	●				●	●		●	●	●		●

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O Potential Beneficial Use

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Table 2-2. BENEFICIAL USES OF INLAND SURFACE WATERS

Inland Surface Waters	1,2	Hydrologic Unit Basin Number	BENEFICIAL USE														
			M U N	A G R	I N D	P R O C	G W R	F R S H	P O W	R E C 1	R E C 2	B I O L	W A R M	C O L D	W I L D	R A R E	S P R I N
Sweetwater River Watershed - continued																	
Viejas Creek		9.33	●	●	●	●				●	●		●	●	●		
Viejas Creek		9.31	●	●	●	●				●	●		●	●	●		
Loveland Reservoir		9.31	See Reservoirs & Lakes- Table 2-4														
Taylor Creek		9.31	●	●	●	●				●	●		●	●	●		
Japatul Valley		9.32	●	●	●	●				●	●		●	●	●		
Sweetwater River		9.21	●	●	●	●				●	●	●	●		●	●	
unnamed tributary		9.21	●	●	●	●				●	●	●	●		●	●	
Lawson Creek		9.21	●	●	●	●				●	●		●		●		
Beaver Canyon		9.21	●	●	●	●				●	●		●		●		
Wood Valley		9.21	●	●	●	●				●	●		●		●		
Sycuan Creek		9.25	●	●	●	●				●	●		●		●		
North Fork Sycuan Creek		9.26	●	●	●	●				●	●		●		●		
North Fork Sycuan Creek		9.25	●	●	●	●				●	●		●		●		
Denesa Valley		9.23	●	●	●	●				●	●		●		●		
Harbison Canyon		9.23	●	●	●	●				●	●		●		●		
Galloway Valley		9.24	●	●	●	●				●	●		●		●		
Mexican Canyon		9.21	●	●	●	●				●	●		●		●		

● Existing Beneficial Use

○ Potential Beneficial Use

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Table 2-2. BENEFICIAL USES OF INLAND SURFACE WATERS

Inland Surface Waters	1,2	Hydrologic Unit Basin Number	BENEFICIAL USE														
			M U N	A G R	I N D	P R O C	G W R	F R S H	P O W	R E C 1	R E C 2	B I O L	W A R M	C O L D	W I L D	R A R E	S P W N
Sweetwater River Watershed - continued																	
unnamed intermittent streams	9.22	●	●	●	●				●	●		●		●			
Steel Canyon	9.21	●	●	●	●				●	●		●		●			
Sweetwater Reservoir	9.21	See Reservoirs & Lakes- Table 2-4															
Coon Canyon	9.21	●	●	●	●				●	●		●		●			
Sweetwater River	9.12	+		●					O	●		●		●			
Spring Valley	9.12	+		●					O	●		●		●			
Wild Mans Canyon	9.12	+		●					O	●		●		●			
Long Canyon	9.12	+		●					O	●		●		●			
Rice Canyon	9.12	+		●					O	●		●		●			
Telegraph Canyon	9.11	+		●					O	●		●		●			
San Diego County Coastal Streams																	
unnamed intermittent coastal streams	10.10	+							O			●					
Otay River Watershed																	
Jamul Creek	10.34	●	●	●	●				●	●		●		●			
Jamul Creek	10.33	●	●	●	●				●	●		●		●			
Jamul Creek	10.36	●	●	●	●				●	●		●		●			
Dulzura Creek	10.37	●	●	●	●				●	●		●		●			

● Existing Beneficial Use

O Potential Beneficial Use

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Table 2-2. BENEFICIAL USES OF INLAND SURFACE WATERS

Inland Surface Waters	1,2	Hydrologic Unit Basin Number	BENEFICIAL USE														
			M U N	A G R	I N D	P R O C	G W R	F R S H	P O W	R E C 1	R E C 2	B I O L	W A R M	C O L D	W I L D	R A R E	S P W N
Otay River Watershed - continued																	
Dulzura Creek		10.36	●	●	●	●				●	●		●		●	●	
Dutchman Canyon		10.36	●	●	●	●				●	●		●		●		
Pringle Canyon		10.36	●	●	●	●				●	●		●		●		
Sycamore Canyon		10.36	●	●	●	●				●	●		●		●		
Hollenbeck Canyon		10.36	●	●	●	●				●	●		●		●		
Lyons Valley		10.35	●	●	●	●				●	●		●		●		
Cedar Canyon		10.36	●	●	●	●				●	●		●	●	●		●
Little Cedar Canyon		10.36	●	●	●	●				●	●		●	●	●		
Jamul Creek		10.31	●	●	●	●				●	●		●		●	●	
Lower Otay Reservoir		10.31	See Reservoirs & Lakes- Table 2-4														
unnamed tributary		10.31	●	●	●	●				●	●		●		●	●	
Upper Otay Reservoir		10.32	See Reservoirs & Lakes- Table 2-4														
Proctor Valley		10.32	●	●	●	●				●	●		●		●		
Otay River		10.20	+	●	O					O	●		●		●	●	
O'Neal Canyon		10.20	+	●	O					O	●		●		●		
Salt Creek		10.20	+	●	O					O	●		●		●		
Johnson Canyon		10.20	+	●	O					O	●		●		●		

● Existing Beneficial Use

O Potential Beneficial Use

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Table 2-2. BENEFICIAL USES OF INLAND SURFACE WATERS

Inland Surface Waters	1,2	Hydrologic Unit Basin Number	BENEFICIAL USE														
			M U N	A G R	I N D	P R O C	G W R	F R S H	P O W	R E C 1	R E C 2	B I O L	W A R M	C O L D	W I L D	R A R E	S P W N
Otay River Watershed - continued																	
Wolf Canyon		10.20	+	●	O					O	●		●		●		
Denner Canyon		10.20	+	●	O					O	●		●		●		
Pogi Canyon		10.20	+	●	O					O	●		●		●		
Tijuana River Watershed																	
Tijuana River		11.11	+		O					O	●		●		●	●	
Moody Canyon		11.11	+		O					O	●		●		●		
Smugglers Gulch		11.11	+		O					O	●		●		●		
Goat Canyon		11.11	+		O					O	●		●		●		
Tijuana River Estuary		11.11	See Coastal Waters- Table 2-3														
Spring Canyon		11.12	+	●	O					O	●		●		●		
Dillon Canyon		11.12	+	●	O					O	●		●		●		
Finger Canyon		11.12	+	●	O					O	●		●		●		
Wruck Canyon		11.12	+	●	O					O	●		●		●		
unnamed intermittent streams		11.12	+	●	O					O	●		●		●		
unnamed intermittent streams		11.21	+							●	●		●		●		
Tijuana River		11.21	+							●	●		●		●		
Tecate Creek		11.23	+							●	●		●		●		

● Existing Beneficial Use

O Potential Beneficial Use

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Table 2-2. BENEFICIAL USES OF INLAND SURFACE WATERS

Inland Surface Waters	1,2	Hydrologic Unit Basin Number	BENEFICIAL USE														
			M U N	A G R	I N D	P R O C	G W R	F R S H	P O W	R E C 1	R E C 2	B I O L	W A R M	C O L D	W I L D	R A R E	S P W N
Tijuana River Watershed - continued																	
Cottonwood Creek		11.60	●	●	●	●		●		O	●		●	●	●		
Kitchen Creek		11.60	●	●	●	●		●		O	●		●	●	●		●
Long Canyon		11.60	●	●	●	●		●		O	●		●	●	●		●
Troy Canyon		11.60	●	●	●	●		●		O	●		●	●	●		●
Fred Canyon		11.60	●	●	●	●		●		O	●		●	●	●		
Horse Canyon		11.60	●	●	●	●		●		O	●		●	●	●		
La Posta Creek		11.70	●	●	●	●		●		●	●		●	●	●		
Simmons Canyon		11.70	●	●	●	●		●		●	●		●	●	●		
La Posta Creek		11.60	●	●	●	●		●		O	●		●	●	●		
Morena Reservoir		11.50	See Reservoirs & Lakes- Table 2-4														
Morena Creek		11.50	●	●	●	●		●		●	●		●	●	●		●
Long Valley		11.50	●	●	●	●		●		●	●		●	●	●		
Bear Valley		11.50	●	●	●	●		●		●	●		●		●		
Cottonwood Creek		11.30	●	●	●	●		●		●	●		●	●	●	●	●
Hauser Creek		11.30	●	●	●	●		●		●	●		●	●	●		●
Salazar Canyon		11.30	●	●	●	●		●		●	●		●	●	●		
Barrett Lake		11.30	See Reservoirs & Lakes- Table 2-4														

● Existing Beneficial Use

O Potential Beneficial Use

¹ Waterbodies are listed multiple times if they cross hydrologic area or sub area boundaries

² Beneficial use designations apply to all tributaries to the indicated waterbody, if not listed separately.

Table 2-2. BENEFICIAL USES OF INLAND SURFACE WATERS

Inland Surface Waters	1,2	Hydrologic Unit Basin Number	BENEFICIAL USE														
			M U N	A G R	I N D	P R O C	G W R	F R S H	P O W	R E C 1	R E C 2	B I O L	W A R M	C O L D	W I L D	R A R E	S P W N
Tijuana River Watershed - continued																	
Boneyard Canyon		11.30	●	●	●	●		●		●	●		●	●	●		
Skye Valley		11.30	●	●	●	●		●		●	●		●	●	●		
Pine Valley Creek		11.41	●	●	●	●		●		●	●		●	●	●		●
Indian Creek		11.41	●	●	●	●		●		●	●		●	●	●		
Lucas Creek		11.41	●	●	●	●		●		●	●		●	●	●		
Noble Canyon		11.41	●	●	●	●		●		●	●		●	●	●		●
Los Rasalies Ravine		11.42	●	●	●	●		●		●	●		●	●	●		
Paloma Ravine		11.42	●	●	●	●		●		●	●		●	●	●		
Bonita Ravine		11.42	●	●	●	●		●		●	●		●	●	●		
Chico Ravine		11.42	●	●	●	●		●		●	●		●	●	●		
Madero Ravine		11.42	●	●	●	●		●		●	●		●	●	●		
Los Gatos Ravine		11.42	●	●	●	●		●		●	●		●	●	●		
Boiling Spring Ravine		11.42	●	●	●	●		●		●	●		●	●	●		
Agua Dulce Creek		11.42	●	●	●	●		●		●	●		●	●	●		
Escondido Ravine		11.42	●	●	●	●		●		●	●		●	●	●		
Scove Canyon		11.41	●	●	●	●		●		●	●		●	●	●		
Pine Valley Creek		11.30	●	●	●	●		●		●	●		●	●	●		●

● Existing Beneficial Use

○ Potential Beneficial Use

¹ Waterbodies are listed multiple times if they cross hydrologic area or sub area boundaries.

² Beneficial use designations apply to all tributaries to the indicated waterbody, if not listed separately.

Table 2-2. BENEFICIAL USES OF INLAND SURFACE WATERS

Inland Surface Waters	1,2	Hydrologic Unit Basin Number	BENEFICIAL USE														
			M U N	A G R	I N D	P R O C	G W R	F R S H	P O W	R E C 1	R E C 2	B I O L	W A R M	C O L D	W I L D	R A R E	S P W N
Tijuana River Watershed - continued																	
Oak Valley		11.30	●	●	●	●		●		●	●		●	●	●		●
Nelson Canyon		11.30	●	●	●	●		●		●	●		●	●	●		
Secret Canyon		11.30	●	●	●	●		●		●	●		●	●	●		
Horsethief Canyon		11.30	●	●	●	●		●		●	●		●	●	●		
Espinosa Creek		11.30	●	●	●	●		●		●	●		●	●	●		
Wilson Creek		11.30	●	●	●	●		●		●	●		●	●	●		●
Pats Canyon		11.30	●	●	●	●		●		●	●		●	●	●		
Cottonwood Creek		11.23	+							●	●		●		●		
Dry Valley		11.23	+							●	●		●		●		
BobOwens Canyon		11.23	+							●	●		●		●		
McAlmond Canyon		11.24	+							●	●		●		●		
McAlmond Canyon		11.23	+							●	●		●		●		
Rattlesnake Canyon		11.23	+							●	●		●		●		
Potrero Creek		11.25	+							●	●		●		●		
Little Potrero Creek		11.25	+							●	●		●		●		
Potrero Creek		11.23	+							●	●		●		●		
Grapevine Creek		11.23	+							●	●		●		●		

● Existing Beneficial Use

○ Potential Beneficial Use

+ Excepted From MUN (See Text)

¹ Waterbodies are listed multiple times if they cross hydrologic area or sub area boundaries.

² Beneficial use designations apply to all tributaries to the indicated waterbody, if not listed separately.

Table 2-2. BENEFICIAL USES OF INLAND SURFACE WATERS

Inland Surface Waters	1,2	Hydrologic Unit Basin Number	BENEFICIAL USE														
			M U N	A G R	I N D	P R O C	G W R	F R S H	P O W	R E C 1	R E C 2	B I O L	W A R M	C O L D	W I L D	R A R E	S P W N
Tijuana River Watershed - continued																	
Bee Canyon		11.22	+								●	●		●		●	
Bee Creek		11.23	+								●	●		●		●	
Mine Canyon		11.21	+								●	●		●		●	
unnamed intermittent streams		11.81	+								●	●		●		●	
unnamed intermittent streams		11.82	+								●	●		●		●	
Campo Creek		11.84	+								●	●		●	●	●	
Diablo Canyon		11.84	+								●	●		●		●	
Campo Creek		11.83	+								●	●		●		●	
Miller Creek		11.83	+								●	●		●		●	
Campo Creek		11.82	+								●	●		●		●	
Smith Canyon		11.82	+								●	●		●		●	
unnamed intermittent streams		11.85	+								●	●		●		●	

- Existing Beneficial Use
- Potential Beneficial Use
- + Excepted From MUN (See Text)

- ¹ Waterbodies are listed multiple times if they cross hydrologic area or sub area boundaries.
- ² Beneficial use designations apply to all tributaries to the indicated waterbody, if not listed separately.

Table 2-3. BENEFICIAL USES OF COASTAL WATERS

Coastal Waters	Hydrologic Unit Basin Number	BENEFICIAL USE															
		I N D	N A V	R E C 1	R E C 2	C O M M	B I O L	E S T	W I L D	R A R E	M A R	A Q U A	M I G R	S P W N	W A R M	S H E L L	
Pacific Ocean		●	●	●	●	●	●		●	●	●	●	●	●		●	
Dana Point Harbor		●	●	●	●	●			●	●	●		●	●		●	
Del Mar Boat Basin		●	●	●	●	●			●	●	●		●	●		●	
Mission Bay		●		●	●	●		●	●	●	●		●	●		●	
Oceanside Harbor		●	●	●	●	●			●	●	●		●	●		●	
San Diego Bay ¹		●	●	●	●	●	●	●	●	●	●		●	●		●	
Coastal Lagoons																	
Tijuana River Estuary	11.11			●	●	●	●	●	●	●	●		●	●		●	
Mouth of San Diego River	7.11			●	●	●		●	●	●	●		●	●		●	
Los Penasquitos Lagoon ²	6.10			●	●		●	●	●	●	●		●	●		●	
San Dieguito Lagoon	5.11			●	●		●	●	●	●	●		●	●			
Batiquitos Lagoon	4.51			●	●		●	●	●	●	●		●	●			
San Elijo Lagoon	5.61			●	●		●	●	●	●	●		●	●			
Aqua Hedionda Lagoon	4.31	●		●	●	●		●	●	●	●	●	●	●		●	

¹ Includes the tidal prisms of the Otay and Sweetwater Rivers.

² Fishing from shore or boat permitted, but other water contact recreational (REC-1) uses are prohibited.

● Existing Beneficial Use

Table 2-3. BENEFICIAL USES OF COASTAL WATERS

Coastal Waters	Hydrologic Unit Basin Number	BENEFICIAL USE															
		I N D	N A V	R E C 1	R E C 2	C O M M	B I O L	E S T	W I L D	R A R E	M A R	A Q U A	M I G R	S P W N	W A R M	S H E L L	
Coastal Lagoons - continued																	
Buena Vista Lagoon ²	4.21			●	●		●	O	●	●	●				●		
Loma Alta Slough	4.10			●	●			●	●	●	●						
Mouth of San Luis Rey River	3.11			●	●				●	●	●		●				
Santa Margarita Lagoon	2.11			●	●			●	●	●	●		●	●			
Aliso Creek Mouth	1.13			●	●				●	●	●						
San Juan Creek Mouth	1.27			●	●				●	●	●		●			●	
San Mateo Creek Mouth	1.40			●	●		●		●	●	●		●	●			
San Onofre Creek Mouth	1.51			●	●				●	●	●		●	●			

¹ Includes the tidal prisms of the Otay and Sweetwater Rivers.

² Fishing from shore or boat permitted, but other water contact recreational (REC-1) uses are prohibited.

● Existing Beneficial Use

O Potential Beneficial Use