

San Jacinto River Watershed Fact Sheet

The 780 square mile watershed is regulated by several lakes and reservoirs including: Lake Elsinore, Canyon Lake, Lake Perris and Mystic Lake. Major tributaries include Bautista Creek, Poppet Creek, Potrero Creek, Perris Valley Drain and Salt Creek.

The Stormwater and Water Conservation Tracking Tool (Geodatabase) located here:

<http://rivco.permitrack.com/>

MS4 Permittees: RCFC&WCD, the County of Riverside, and Cities of Beaumont, Canyon Lake, Hemet, Lake Elsinore, Menifee, Moreno Valley, Perris, and San Jacinto.

Landuse Data:

Population (2010 census data): 421,328 people

Percent Approximate Land Use by Category: Open (Forest Service, Parks, Open Space)- 67% , Commercial/Industrial-3%, Residential (Rural, Urban)-25%, Agriculture-5%

Regional Imperviousness Approximate Percentage: 27 % impervious, 73% pervious

Waterbodies: San Jacinto River, Bautista Creek, Strawberry Creek, Fuller Mill Creek, Stone Creek, Salt Creek, Logan, Black Mountain, Juaro Canyon, Indian, Herkey, Poppet and Potrero Creeks, Lake Elsinore, Canyon Lake, Lake Hemet, Lake Fulmor, and Lake Perris

Habitat Areas: Refer to the U.S. Fish and Wildlife Critical Habitat Western Region Multiple Species Habitat Conservation Plan (WRMSHCP) Potential Survey Areas, and Stephens Kangaroo Rat Habitat Conservation Plan (SKRHCP) layers in the Geodatabase (<http://rivco.permitrack.com/>).

Groundwater Basins: Refer to the Groundwater Data layers in the Geodatabase (<http://rivco.permitrack.com/>)

Development requirements: Follow the October 22, 2012 WQMP guidelines locate at <http://rcflood.org/NPDES/SantaAnaWS.aspx#SAdocs>

Drainage Channels: Refer to the Stormwater Data layer for District facilities and City Storm Drains in the Geodatabase (<http://rivco.permitrack.com/>)

Beneficial Uses: Refer to the Santa Ana Region Board website for updates to Beneficial Uses (http://www.swrcb.ca.gov/santaana/water_issues/programs/basin_plan/index.shtml)

Watershed Management Areas	Beneficial Uses
San Jacinto (San Jacinto River reaches 1 and 6)	INTERMITTENT - MUN, AGR, GWR, REC1, REC2, WARM, WILD
San Jacinto (San Jacinto River reaches 3-5)	INTERMITTENT - AGR, GWR, REC1, REC2, WARM, WILD
San Jacinto (San Jacinto River reach 2)	See Canyon Lake
San Jacinto (San Jacinto River reach 7)	MUN, AGR, GWR, REC1, REC2, COLD, WILD
Bautista Creek	MUN, AGR, GWR, REC1, REC2, COLD, WILD
Strawberry Creek and San Jacinto River, North Fork	MUN, AGR, GWR, REC1, REC2, COLD, WILD

Fuller Mill Creek	MUN, AGR, GWR, REC1, REC2, COLD, WILD
Stone Creek	MUN, AGR, GWR, REC1, REC2, COLD, WILD
Salt Creek	INTERMITTENT - REC1, REC2, WARM, WILD
Other Tributaries: Logan, Black Mountain, Juaro Canyon, Indian, Herkey, Poppet and Potrero Creeks, and other Tributaries to these Creeks	INTERMITTENT - MUN, AGR, GWR, REC1, REC2, WARM, WILD
Lake Elsinore	REC1, REC2, WARM, WILD
Canyon Lake (Railroad Canyon Reservoir)	MUN, AGR, GWR, REC1, REC2, WARM, WILD
Lake Hemet	MUN, AGR, GWR, POW, REC1, REC2, WARM, COLD, WILD, SPWN
Lake Fulmor	MUN, AGR, REC1, REC2, WARM, COLD, WILD
Lake Perris	MUN, AGR, IND, PROC, GWR, REC1, REC2, WARM, COLD, WILD

2010 303(d) Impairments

(http://www.waterboards.ca.gov/santaana/water_issues/programs/tmdl/docs/303d/2010_303d.pdf):

Waterbody	Pollutants	Potential Sources
Canyon Lake (Railroad Canyon Reservoir)	Nutrients Pathogens	Non-point Source Non-point Source
Lake Elsinore	Nutrients Organic Enrichment/Low Dissolved Oxygen PCBs; Sediment Toxicity Unknown Toxicity	Unknown Non-point Source Unknown Non-point Source Source Unknown Source Unknown Unknown Non-point Source
Lake Fulmor	Pathogens	Unknown Non-point Source

Approved TMDLs:

- **Canyon Lake:** Nutrients
- **Lake Elsinore:** Nutrients

A Comprehensive Nutrient Reduction Plan (CNRP), has been developed for the TMDLs listed above and is located here:

http://rcflood.org/downloads/NPDES/Documents/SA_Other/Comprehensive_Nutrient_Reduction_Plan_for_Lake_Elsinore_and_Canyon_Lake.pdf

Water Quality Objectives (mg/L): Refer to the Santa Ana Region Board website for updates to Water Quality Objectives (http://www.swrcb.ca.gov/santaana/water_issues/programs/basin_plan/index.shtml)

	Total Dissolved Solids	Hardness	Sodium	Chloride	Total Inorganic Nitrogen	Sulfate	Chemical Oxygen Demand
San Jacinto River Reach 1	450	260	50	65	3	60	15
San Jacinto River Reach 3	820	400	---	250	6	---	15
San Jacinto River Reach 4 ¹	500	220	75	125	5	65	---
San Jacinto River Reach 5	300	140	30	25	3	40	12
San Jacinto River Reach 6	250	130	25	20	1	30	12
San Jacinto River Reach 7	150	100	10	15	1	20	5
Bautista Creek	250	130	25	20	1	30	5
Strawberry Creek and SJR North Fork	150	100	10	15	1	20	5
Fuller Mill Creek	150	100	10	15	1	20	5
Stone Creek	150	100	10	15	1	20	5
Logan, Black Mountain, Juaro Canyon, Indian, Hurkey, Poppet and Protrero Creeks, and other Tributaries to these Creeks	150	70	10	12	1	15	5
Lake Elsinore ²	2000	---	---	---	1.5	---	---
Canyon Lake (Railroad Canyon Reservoir) ³	700	325	100	90	8	290	---
Lake Hemet	135	---	25	20	1	10	---
Lake Fulmor	150	70	10	12	1	15	---
Lake Perris	220	110	50	55	1	45	---

1. The quality objective for Reach 4 is not intended to preclude transport of water supplies or delivery to Canyon Lake.
2. Lake volume and quality highly variable.
3. The quality objective for Canyon Lake is not intended to preclude transport of water supplies or delivery to the Lake.

