

## 2023 PROJECT SUBMITTAL FORM

The Project Submittal Form is for stormwater or dry-weather runoff projects that will provide multiple benefits and support stormwater management within the Riverside County portion of the Santa Ana River Watershed. Projects must provide multiple benefits as outlined in the Stormwater Resource Plan Guidelines and must be sponsored by an eligible applicant (see Question 4 for eligibility details).

The Project Submittal Form provides the essential information of a proposed project to be considered as a Stormwater Resource Plan Project.

***Complete this PDF form and email it with supporting attachments, as needed, to Rohini Mustafa, Engineering Project Manger, at Riverside County Flood Control and Water Conservation District at [romustaf@rivco.org](mailto:romustaf@rivco.org).***

***If you have questions,  
contact Rohini Mustafa at (951) 955-1330 or [romustaf@rivco.org](mailto:romustaf@rivco.org).***

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### 1. General Project Information (Required)

#### a. Project Title

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#### b. Project Benefit Categories (Check all that specifically apply)

- Water Quality
- Water Supply
- Flood Management
- Environmental
- Community

#### c. Project Type

- Construction
- Program
- Study/Investigation

d. Project Description *(attach supporting information, as needed)*

e. Project Status, Timeline, and Readiness to Proceed

*Include anticipated start and completion dates; status of planning, design, or construction; status of environmental documentation; status of permitting – local or regional; status of approval to implement the project, other items to demonstrate readiness to proceed.*

**Select the project status:**

- Conceptual
- Preliminary design
- In design
- Ready to implement *(i.e., ready to construct, CEQA obtained, etc.)*

**Please describe (required):**

f. Project Location

Latitude (decimal degrees)  
 Longitude (decimal degrees)

g. Is the project located on publicly-owned land or an existing easement?

h. Purpose and Need for the project

**2. Project Sponsor/Lead Agency Information (Required)**

a. **Agency/Organization Name**

b. **Contact Person (name and title)**

c. **Email**

d. **Phone**

e. **Address**

**3. Project Partners (Required for all projects – note if not applicable)**

a. **Agency/Organization Name:**

b. **Contact Person (name and title):**

c. **Email:**

d. **Phone:**

e. **Cell Phone (optional):**

f. **Address:**

g. **Project Partner Type:**

- Collaborative Planning
- Direct Funding
- In-Kind Services
- Co-Operator/Co-Manager

#### 4. Stormwater Resource Plan Eligibility (Required)

- a. Is the project a stormwater or dry weather runoff project?

*A stormwater project is a project affecting temporary surface water runoff and drainage generated by immediately preceding storms. A dry weather runoff project is a project affecting surface water runoff and flow in storm drains, flood control channels, or other means of runoff conveyance produced by non-stormwater resulting from irrigation, residential, commercial, and industrial activities.*

Yes       No

- b. Can the project be sponsored by an eligible applicant?

*(Under Prop 1, eligible grant applicants are: public agencies, 501(c)(3) nonprofit organizations, public entities, federally recognized Indian tribes, State Indian tribes listed on the Native American Heritage Commission's Tribal Consultation List, or mutual water companies.)*

Yes       No

- c. Does the project provide at least 2 of the following Stormwater Resource Plan Main Benefits? **(Check all that specifically apply; at least two boxes must be selected)**

- Water Quality – Increased filtration and/or treatment of runoff
- Water Supply – Water supply reliability
- Water Supply – Conjunctive use
- Flood Management – Decreased flood risk by reducing runoff rate and/or volume
- Environmental – Environmental and habitat protection and/or improvement
- Environmental – Increased urban green space
- Community – Employment opportunities provided
- Community – Public education

d. Does the project provide any of the following Stormwater Resource Plan Additional Benefits? **(Check all that specifically apply)**

- Water Quality – Nonpoint source pollution control
- Water Quality – Reestablished natural water drainage and treatment
- Water Supply – Water conservation
- Flood Management – Reduced sanitary sewer overflows
- Environmental – Reduced energy use, reduced greenhouse gas emissions, or provides a carbon sink
- Environmental – Reestablishment of natural hydrograph
- Environmental – Water temperature improvements
- Community – Community involvement
- Community – Enhance and/or create recreational and public use areas

e. Is the project consistent with an applicable National Pollutant Discharge Elimination System (NPDES) permit?

- Yes       No

Please describe **(required)**:

## 5. Watershed Priorities (Required)

- a. Does the project help achieve the goals of an existing Total Maximum Daily Load (TMDL) in the Santa Ana River Watershed Stormwater Resource Plan Planning Area?

*A TMDL establishes the maximum amount of a pollutant a water body can receive and still meeting the water quality objectives.*

Yes       No

If **yes**, select all TMDLs that apply:

Bacterial Indicator TMDLs for Middle Santa Ana River Watershed Waterbodies

Nutrient TMDLs for Lake Elsinore and Canyon Lake

- b. Does the project reduce pollutant discharges to a 303(d)-listed water body in the Stormwater Resource Plan Planning Area?

*The 303(d)-listed water bodies in the Stormwater Resource Plan and the impairments impacting those water bodies are identified in Table 1 below. The waterbodies are shown in Figure 1 attached at the end of this form.*

Yes       No

If **yes**, describe which water bodies and the associated pollutants the project will address (**required**):

**Table 1: 303(d)-Listed Water Bodies and Pollutants**

Water Body Name	Pollutants/Impairments
<b>Canyon Lake</b>	Nutrients
<b>Lake Elsinore</b>	DDT
	Nutrients
	Organic Enrichment/Low Dissolved Oxygen
	PCBs
	Toxicity
<b>Goldenstar Creek</b>	Bacteria
<b>Prado Basin Management Zone</b>	pH
<b>San Timoteo</b>	Bacteria
<b>Santa Ana River Reach 3</b>	Bacteria
	Copper
	Lead
<b>Santa Ana River Reach 4</b>	Bacteria

c. Does the project provide groundwater recharge?

Yes     No

If **yes**, which groundwater basin/subbasin receives the recharge benefit?  
*See attached Figure 2 for a map of the groundwater subbasins in the Stormwater Resource Plan Planning Area. Additional details on Groundwater Management Zones can be viewed through the Santa Ana Watershed Project Authority (SAWPA) [GIS Data Viewer](#) for Groundwater Recharge.*

Please describe the groundwater recharge mechanism **(required)**:

d. Does the project protect or enhance key habitat and/or wildlife corridors (e.g., riparian areas, vernal pools, etc.) identified in the Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP)?

*The [MSHCP](#) is a comprehensive, multi-jurisdictional plan that focuses on conservation of species and their associated habitats in Western Riverside County. Please use the Regional Conservation Authority's [mapping tool](#) to locate land conserved under the MSHCP.*

Yes     No

Please describe **(required)**:

e. Does the project provide direct benefits to a Disadvantaged Community (DAC)?

*A DAC is a Census geography with an annual median household income less than 80% of the Statewide annual median household income. Please use the Department of Water Resources' [mapping tool](#) to determine if the project will benefit a DAC.*

Yes     No

Please describe **(required)**:

## 6. Quantification of Project Benefits and Benefit Accrual Locations (Required)

- a. Project Benefits: Provide **quantification** of the benefits which the project will provide. Describe how benefits will be achieved and how benefits were quantified.

### Benefit Category: Water Quality

Average annual load reduction of:

- Copper (lbs/yr)
- Dichloro-diphenyl-trichloroethane (DDT) (lbs/yr)
- E. coli* (most probable number [MPN]/100 ml)
- Lead (lbs/year)
- Nitrogen (lbs/year)
- Phosphorus (lbs/year)
- Polychlorinated biphenyl (PCBs) (lbs/year)
- Total dissolved solids (lbs/year)
- Trash (lbs/year)
- Other constituent (**please describe**):

- Volume of water treated (AFY)
- Other (please describe):

Please discuss how water quality benefits will be achieved. (**Required if claiming water quality benefits.**)

Please describe how water quality benefits were quantified.

### Benefit Category: Water Supply

- Increase in water supply through direct groundwater recharge (AFY)
- Increase in water supply through direct use (AFY)
- Increase in water supply through in lieu recharge/ conjunctive use (AFY)
- Reduction in water use (AFY)
- Other (please describe):



Please discuss how water supply benefits will be achieved. **(Required if claiming water supply benefits.)**

Please describe how water supply benefits were quantified.

### **Benefit Category: Flood Management**

- Reduction in peak flow discharge (cfs)
- Reduction in volume of potential flood water (AFY)
- Reduction of sewer overflow volumes (AFY)
- Other (please describe):

Please discuss how flood management benefits will be achieved. **(Required if claiming flood management benefits.)**

Please describe how flood management benefits were quantified.

### **Benefit Category: Environmental**

- Size of habitat protected or improved (acres)
- Amount of instream flow rate improvement (cfs)
- Size of increased urban green space (acres)
- Amount of energy consumption reduced (kWH/year)
- Amount of greenhouse gas emissions reduced (tons/year)
- Degrees of water temperature improvement (°F)
- Other (please describe):

Please discuss how environmental benefits will be achieved. **(Required if claiming environmental benefits.)**

Please discuss how environmental benefits were quantified.

**Benefit Category: Community**

Number of employment opportunities provided

Number of outreach materials provided

Number of outreach events conducted

Number of participants per year

Estimated visits per year

Other (please describe):

Please discuss how community benefits will be achieved. **(Required if claiming community benefits.)**

Please discuss how community benefits were quantified.

**b. Location of Project Benefits**

Provide a description of the location of project benefits:

## 7. Project Cost and Funding (Required)

- a. Fill in project cost and funding information

<b>Funding</b>	<b>Amount (\$)</b>
<b>Total Project Cost</b>	
<b>Anticipated Funding</b>	
<b>Match Contribution</b>	
<b>Local</b>	
<b>Federal</b>	
<b>In-Kind</b>	
<b>Other</b>	

- b. Explain source and commitment of match funding

- c. Estimated annual operations and maintenance (O&M) costs

- d. Explain sources and certainty of O&M funding

- e. Has an economic or cost/benefit analysis been conducted for the project? If so, please describe the results.

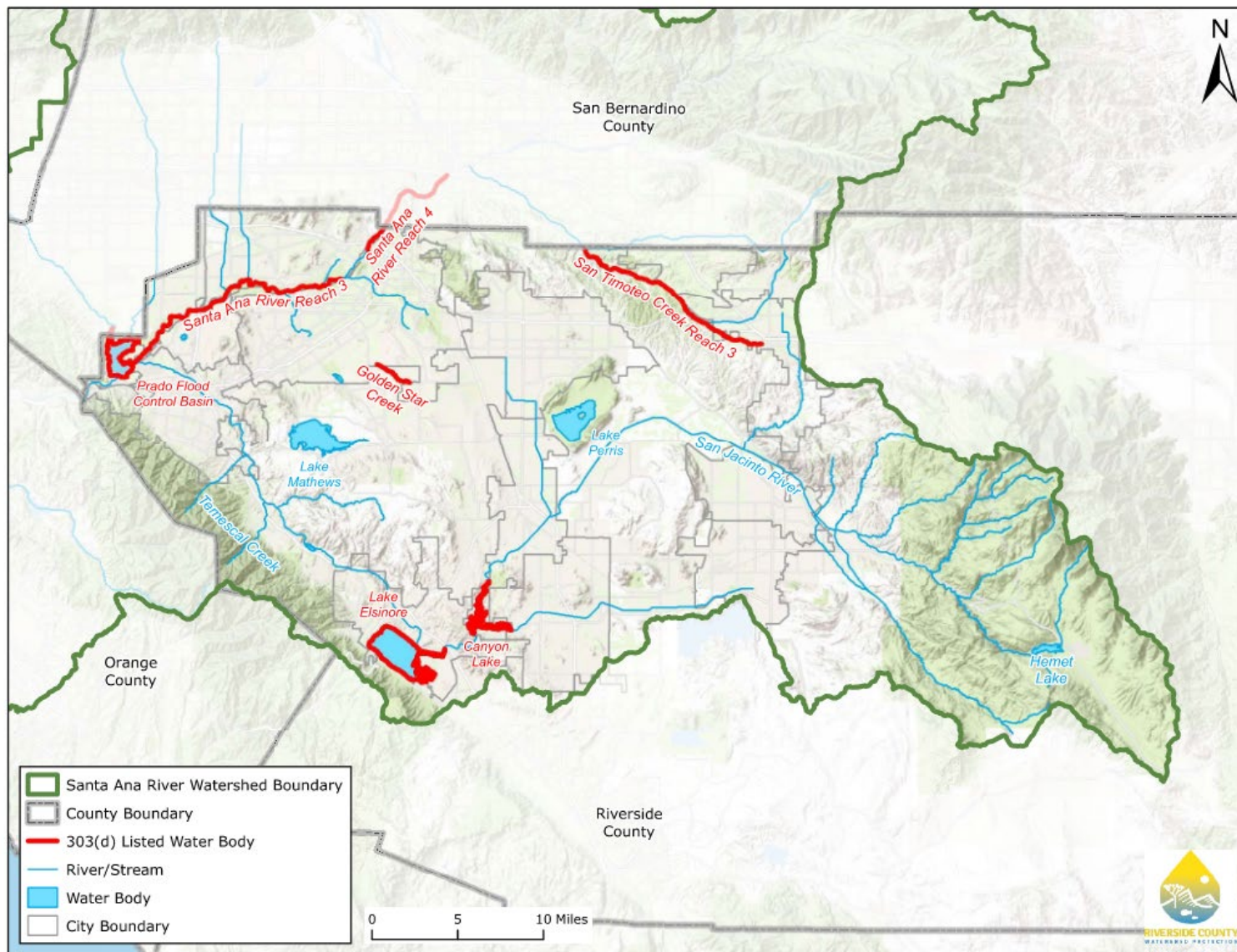
## 8. Related Project Planning (Required)

- a. Please list existing studies (including author and year) that have been performed that detail the technical feasibility of the project.

- b. Has the project been identified in an existing planning document?

## 9. Other Project Information Not Discussed Elsewhere in this Submittal Form

Figure 1: 303(d)-Listed Water Bodies in the Santa Ana River Watershed Stormwater Resource Planning Area



**Figure 2: Groundwater Basins in the Santa Ana River Watershed Stormwater Resource Planning Area**

