

Upper Santa Margarita River Watershed Stormwater Resource Plan

2019 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 Upper Santa Margarita Watershed. Projects must provide multiple benefits as outlined in the Stormwater Resource Plan Guidelines, and must be sponsored by an eligible applicant.

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

Complete this form and return with supporting attachments, as needed, to Matt Yeager, Senior Flood Control Planner at Riverside County Flood Control & Water Conservation District at myeager@rivco.org.

If you prefer a PDF version of this form or have questions, contact Matt Yeager at (951) 955-1200 or myeager@rivco.org.

1. General Project Information (Required)

a. Project Title

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

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

Please describe (required):

f. Project Location

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

h. Purpose and Need

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 Resources 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 SWRP 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 meet any of the following SWRP Additional Benefits?
(Check all that specifically apply)

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

e. Is the project consistent with an applicable NPDES permit?

- Yes No

Please describe **(required)**:

5. Watershed Priorities (Required)

a. Does the project reduce pollutant discharges into any of the 303(d) listed Impaired Water Bodies listed below? (Select all that apply.)

Water Body Name	Pollutant
De Luz Creek	<input type="checkbox"/> Iron
	<input type="checkbox"/> Manganese
	<input type="checkbox"/> Nitrogen
	<input type="checkbox"/> Sulfates
Long Canyon Creek	<input type="checkbox"/> Chlorpyrifos
	<input type="checkbox"/> Iron
	<input type="checkbox"/> Manganese
	<input type="checkbox"/> Nitrogen
Murrieta Creek	<input type="checkbox"/> Phosphorus
	<input type="checkbox"/> Chlorpyrifos
	<input type="checkbox"/> Copper
	<input type="checkbox"/> Indicator Bacteria
	<input type="checkbox"/> Iron
	<input type="checkbox"/> Manganese
	<input type="checkbox"/> Nitrogen
	<input type="checkbox"/> Toxicity
Santa Gertrudis Creek	<input type="checkbox"/> Indicator Bacteria
	<input type="checkbox"/> Chlorpyrifos
	<input type="checkbox"/> Copper
	<input type="checkbox"/> Iron
	<input type="checkbox"/> Manganese
	<input type="checkbox"/> Nitrogen
	<input type="checkbox"/> Phosphorus

Santa Margarita River (Upper)	<input type="checkbox"/> Phosphorus
	<input type="checkbox"/> Toxicity
	<input type="checkbox"/> Indicator Bacteria
	<input type="checkbox"/> Iron
	<input type="checkbox"/> Manganese
	<input type="checkbox"/> Nitrogen
Temecula Creek	<input type="checkbox"/> Phosphorus
	<input type="checkbox"/> Chlorpyrifos
	<input type="checkbox"/> Copper
	<input type="checkbox"/> Indicator Bacteria
	<input type="checkbox"/> Total Dissolved Solids
	<input type="checkbox"/> Toxicity
Warm Springs Creek	<input type="checkbox"/> Indicator Bacteria
	<input type="checkbox"/> Chlorpyrifos
	<input type="checkbox"/> Iron
	<input type="checkbox"/> Manganese
	<input type="checkbox"/> Nitrogen
	<input type="checkbox"/> Phosphorus
<p>b. Does the project reduce nutrient loading in the Planning Area? <i>Nutrient loading is the Highest Priority Water Quality Condition in the Watershed, as identified in the WQIP. Reduced nutrient loading also supports the Rainbow Creek TMDL and the Santa Margarita River Estuary TMDL Alternative.</i></p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p><u>If yes</u>, does the project reduce loading within the geographic extent of Highest Priority Water Quality Condition (as identified in the WQIP)? <i>See attached map (orange shaded or hatched areas indicate geography extent).</i></p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>	

c. Does the project reduce loading of any the Priority Water Quality Conditions, as identified in the WQIP? Check all that apply.
Priority Water Quality Conditions are constituents of concern in the watershed.

- Bacteria
- Iron
- Manganese
- Total Dissolved Solids (TDS)

Please describe **(required)**:

d. Does the project meet any of the following watershed priorities? If so, describe.

- Addresses ongoing flooding issue in Old Town Temecula along Murrieta Creek
- Addresses flood hazard in other area of the Planning Area
- Provides linkage to a wildlife corridor identified in the Western Riverside County Multi-Species Habitat Conservation Plan

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:

- Chlorpyrifos (lbs/year)
- Copper (lbs/year)
- Indicator bacteria (MPN)
- Iron (lbs/year)
- Manganese (lbs/year)
- Nitrogen (lbs/year)
- Phosphorus (lbs/year)
- Sulfates (lbs/year)
- Total Dissolved Solids (lbs/year)
- Other constituent (**please describe**):

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

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

Benefit Category: Water Supply

- Increase in water supply (AFY)
- Capacity of recharge facility (AFY)
- Reduction in water use (AFY)
- Other (please describe):

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

Benefit Category: Flood Management

- Reduction in peak flow discharge (cfs)
- Area that will benefit from improved flood management (acres)
- Estimated annual value of flood damage reduction (\$)
- Reduction in volume of potential flood water (AFY)
- Reduction in sewer overflow volumes (AFY)
- Other (please describe):

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

Benefit Category: Environmental

- Area of habitat protected or improved (acres)
- Amount of instream flow improvement (cfs)
- Area 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 and how the benefits were quantified. **(Required if claiming environmental benefits.)**

Benefit Category: Community

- Disadvantaged Community population positively impacted
- Number of employment opportunities provided
- Number of outreach events conducted
- Number of participants
- Number of visits per year
- Other (please describe):

Please discuss how community benefits will be achieved and how the benefits were quantified. (**Required if claiming community benefits.**)

b. Location of Project Benefits

- Latitude (decimal degrees)
 - Longitude (decimal degrees)
- Provide description of location of project benefits:

7. Project Cost and Funding (Required)

a. Fill in project cost and funding information

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

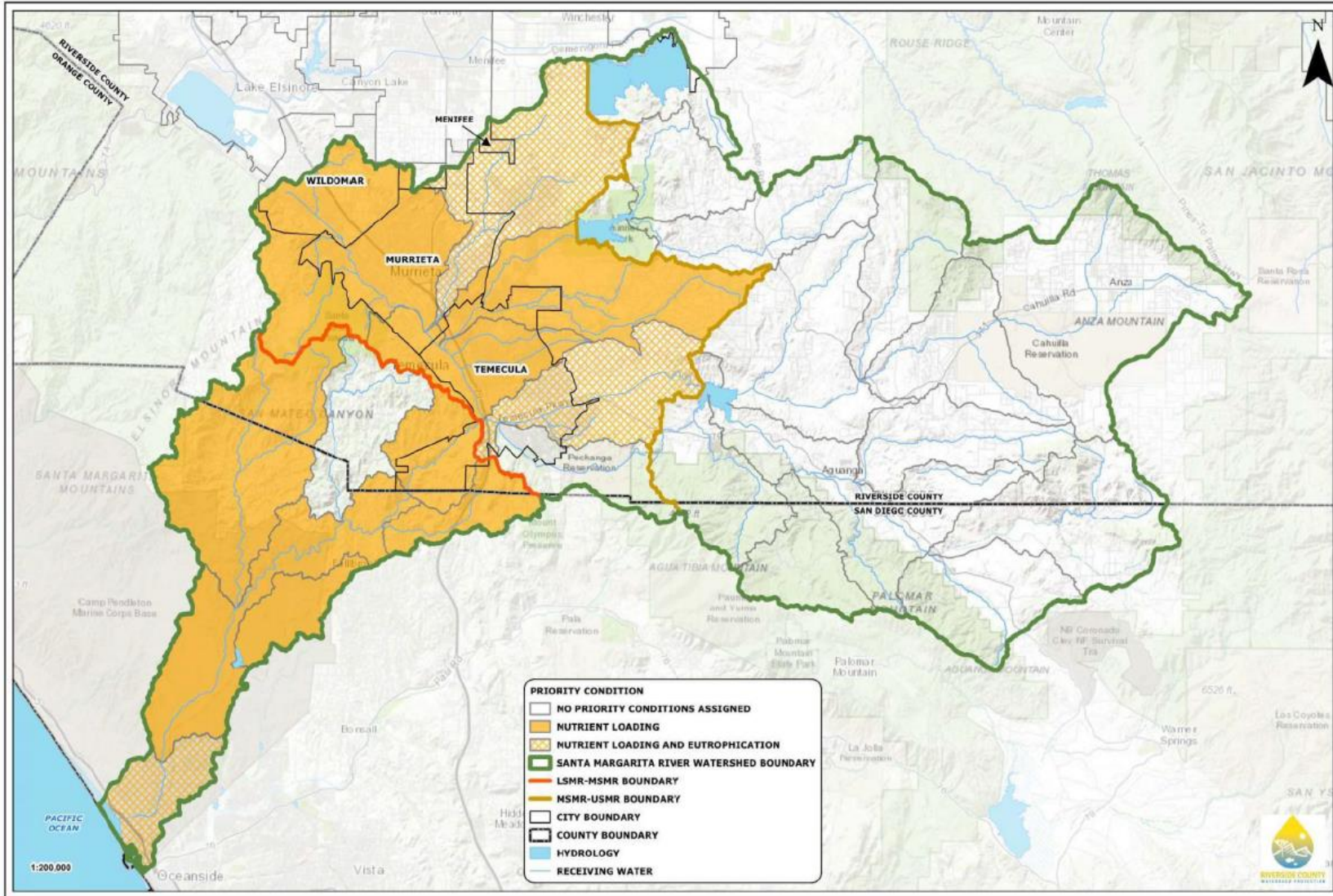
b. Explain source and commitment of match funding

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. Other Project Information Not Discussed Elsewhere in this Submittal Form



Geographic Extent of Highest Priority Water Quality Condition (HPWQC)