

Upper Santa Margarita Watershed IRWM Plan Update

2018 PROJECT NOMINATION FORM

The Project Nomination Form is for projects that will meet the goals, objectives and priorities of the 2014 USMW IRWM Plan Update, as well as criteria contained in the 2018 IRWM Implementation Guidelines and Proposal Solicitation Package.

The Project Nomination Form provides the essential information of a proposed project to be considered as either a *conceptual project* or an *IRWM Plan project*, defined as follows:

- ***Conceptual projects*** are implementation projects that are still in the planning stages and not ready to proceed, but meet the goals and objectives of the 2014 USMW IRWM Plan. *To have your project be considered as a conceptual project* for further development as part of the USMW IRWM Program, you must be able to complete at least the first portion of this form highlighted in orange.
- ***IRWM Plan projects*** are implementation projects that meet the goals, objectives and priorities of the 2014 USMW IRWM Plan and have been developed sufficiently to meet specific criteria provided by the California Department of Water Resources. *To have your project considered as an IRWM Plan project*, you must be able to complete all questions in this form, in both the sections highlighted in orange and blue.

Complete the form and return with supporting attachments, as needed, to the USMW IRWM Program Manager at irwm@ranchowater.com.

If you prefer a Word version of this PNF or have questions, contact the IRWM Program Manager at irwm@ranchowater.com

UPPER SANTA MARGARITA WATERSHED INTEGRATED REGIONAL WATER MANAGEMENT PLANNING REGION

Newly Submitted Project

Previously Submitted Project

1. General Project Information (Required for all projects)

a. Project Title

b. Potential Project Benefits (Check all that specifically apply)

- Increase diversification of water supply portfolio
- Maximize groundwater potential
- Protect and improve local surface water quality
- Promote integrated flood management
- Protect, restore and enhance aquatic/riparian habitat
- Promote economic, social, land use and environmental sustainability

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.



**UPPER SANTA MARGARITA WATERSHED INTEGRATED
REGIONAL WATER MANAGEMENT PLANNING REGION**

f. Project Location

g. Purpose and Need

2. Project Sponsor/Lead Agency Information (Required for all projects)

a. Agency/Organization Name

b. Contact Person (name and title)

c. Email

d. Phone

e. Address

f. Adopted the USMW IRWM Plan: Y/N

g. Urban water supplier: Y/N

i. If yes, status of 2010 Urban Water Management Plan:

ii. If yes, status of AB1420 compliance:



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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. Project Goals and Objectives (Required for inclusion in the IRWM Plan)

a. List the Project's Goals and Objectives:

- 1.
- 2.
- 3.

b. Check which IRWM Plan Goals and Objectives the project meets :

Goal 1: Increase diversification of water supply portfolio

- Reduce regional potable water consumption.
- Increase local supply development.

UPPER SANTA MARGARITA WATERSHED INTEGRATED REGIONAL WATER MANAGEMENT PLANNING REGION

Goal 2: Maximize groundwater potential

- Improve quality and ability to access and increase groundwater supply.
- Increase knowledge of groundwater supply potential.

Goal 3: Protect and improve local surface water quality

- Reduce controllable pollutant sources to 303(d) listed receiving waters.

Goal 4: Promote integrated flood management

- Enhance regional flood control by implementing multiple benefit
- Reduce municipal and private property damage risk.

Goal 5: Protect, restore and enhance aquatic/riparian habitat

- Protect and create aquatic/riparian habitat.
- Enhance riparian corridors on existing land use.

Goal 6: Promote economic, social, land use and environmental sustainability

- Support water resources projects that positively impact DACs.
- Improve recreation opportunities and open space through multiple benefit projects.
- Adapt to and mitigate against climate change by promoting adaptation strategies and reducing water related greenhouse gas emissions.

c. Check which California Water Plan Resource Management Strategies the project meets:

| | | |
|----------------------------|---|--|
| Reduce water demand | <input type="checkbox"/> Agricultural water use efficiency | <input type="checkbox"/> Conveyance - Regional/local |
| | <input type="checkbox"/> Urban water use efficiency | <input type="checkbox"/> System reoperation |
| | <input type="checkbox"/> Improve operational efficiency and transfers | <input type="checkbox"/> Water transfers |
| | <input type="checkbox"/> Conveyance - Delta | |

UPPER SANTA MARGARITA WATERSHED INTEGRATED REGIONAL WATER MANAGEMENT PLANNING REGION

| | | |
|---------------------------------------|---|---|
| Increase water supply | <input type="checkbox"/> Conjunctive Management & Groundwater <input type="checkbox"/> Desalination <input type="checkbox"/> Precipitation enhancement | <input type="checkbox"/> Recycled municipal water <input type="checkbox"/> Surface storage - CALFED <input type="checkbox"/> Surface storage - Regional/Local |
| Improve water quality | <input type="checkbox"/> Groundwater/Aquifer Remediation <input type="checkbox"/> Surface storage - Regional/Local <input type="checkbox"/> Drinking water treatment and distribution | <input type="checkbox"/> Pollution prevention <input type="checkbox"/> Salt and Salinity Management <input type="checkbox"/> Urban runoff management |
| Practice Resources Stewardship | <input type="checkbox"/> Agricultural lands stewardship <input type="checkbox"/> Economic incentives <input type="checkbox"/> Ecosystem restoration <input type="checkbox"/> Forest management | <input type="checkbox"/> Land use planning and management <input type="checkbox"/> Recharge areas protection <input type="checkbox"/> Water-dependent recreation <input type="checkbox"/> Watershed management |
| Improve Flood Management | <input type="checkbox"/> Flood risk management | |
| Other Strategies | <input type="checkbox"/> Forest management <input type="checkbox"/> Dewvaporation or atmospheric pressure desalination <input type="checkbox"/> Fog collection | <input type="checkbox"/> Irrigated land retirement <input type="checkbox"/> Rainfed agriculture <input type="checkbox"/> Waterbag transport/storage technology |

d. Check which Proposition 84 project elements the project meets:

- Water supply reliability, water conservation, and water use efficiency
- Stormwater capture, storage, clean-up, treatment, and management

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Removal of invasive, non-native species, the creation and enhancement of wetlands, and the acquisition, protection, and restoration of open space and watershed lands

Non-point source pollution reduction, management, and monitoring

Groundwater recharge and management projects

Contaminant and salt removal through reclamation, desalting, and other treatment technologies and conveyance of reclaimed water for distribution to users

Water banking, exchange, reclamation, and improvement of water quality

Planning and implementation of multipurpose flood management and programs

Watershed protection and management

Drinking water treatment and distribution

Ecosystem and fisheries restoration and protection

e. Check which sustainability features are part of the project:

Measures to reduce greenhouse gas (GHG) emissions

Measures to increase energy efficiency

Measures to adapt to potential effects of climate change

5. Project Benefits and Benefit Accrual Locations (Required for inclusion in the IRWM Plan)

a. Project Benefits: Provide **quantification** of the benefits which the project will provide. *Please include units for all quantities.*

Goal: Increase diversification of water supply portfolio

Average annual yield of water supply reliability, conservation and water use efficiency

Average annual yield of groundwater pumping

Average annual yield of stormwater capture

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Average annual yield of recycled water

Average annual yield of desalination

Other (please describe):

Goal: Maximize groundwater potential

Capacity of groundwater treatment

Capacity of recharge facility

Other (please describe):

Goal: Protect and improve local surface water quality

Capacity of stormwater treatment project

Other (please describe):

Goal: Promote integrated flood management

Area that will benefit from improved flood management

Estimated annual value of flood damage reduction

Other (please describe):

Goal: Protect, restore and enhance aquatic/riparian habitat

Area of protected aquatic/riparian habitat

Area of enhanced aquatic/riparian habitat

Area of created aquatic/riparian habitat

Other (please describe):

Goal: Promote economic, social, land use and environmental sustainability

DAC population positively impacted

Area of recreation and/or open space improved

Estimated decrease in greenhouse gas emissions

Other (please describe):

b. Location of Project Benefits

Latitude

Longitude

Provide description of location of project benefits:

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6. Integration and Regionality Elements of Project (Required for inclusion in the IRWM Plan)

Identify any integration elements of your proposed project; this includes synergies or linkages with other projects in the region that result in added value or require coordinated implementation or operation (see definition below).

Integration Defined: Integrated project solutions ensure a greater level of benefits for the region and make project more viable within an IRWM grant program. Integration includes:

- *Partnerships – Establishing partnerships creates efficiencies through sharing data, funds, resources and infrastructure.*
- *Benefits – Multiplying benefits provide opportunities for reaching multiple regional goals.*
- *Geography – Implementing watershed-wide or regional-scale projects can benefit from economies of scale and address multiple watershed functions to resolve conflicts between uses.*

7. Disadvantage Communities (DAC) and Native American Tribal Communities (NATC) (Required for inclusion in the IRWM Plan)

a. Project provides benefits to DAC

b. Project provides benefits to NATC

c. Describe the benefits to the DAC and/or NATC

d. Describe any Environmental Justice Concerns the project addresses:
Environmental Justice definition: "the fair treatment and meaningful involvement of all people regardless of race, color, sex, national origin, or income with respect to the development, implementation and enforcement of environmental laws, regulations, and policies."

UPPER SANTA MARGARITA WATERSHED INTEGRATED REGIONAL WATER MANAGEMENT PLANNING REGION

8. Project Cost and Funding (Required for inclusion in the IRWM Plan)

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.

9. Other Project Information Not Discussed Elsewhere in this Nomination Form