



**2015 PROPOSITION 84 FINAL ROUND IMPLEMENTATION GRANT
PROJECT INPUT FORM
Watersheds Coalition of Ventura County**

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IMPORTANT: It is important you review the Implementation Grant Guidelines and Proposal Solicitation Package (PSP) documents before submitting a project for consideration. Pay particular attention to (1) project and applicant eligibility, (2) project benefits, and requirements for technical justification, budget, and schedule.

PSP

http://www.water.ca.gov/irwm/grants/docs/p84_implementation/P84_IRWM_PSP_2015_Draft_2015_0312_Public.pdf

GUIDELINES

http://www.water.ca.gov/irwm/grants/docs/p84_implementation/P84_IRWM_GL_Draft_2015_0312_Public.pdf

PAST APPLICATIONS CAN BE FOUND AT

http://www.ventura.org/wcvc/prop84/submitted_implementation_grants.htm

Part 1. Lead Implementing Agency/Organizational Information

Please provide the following information regarding the project sponsor and proposed project.

Implementing Agency/ Organization / Individual:

City of Oxnard, California

Agency / Organization / Individual Address:

City of Oxnard Utilities Division
305 West Third St., 3rd Flr. E. Wing
Oxnard, CA 93030

Possible Partnering Agencies:

Name:

Marsha Eubanks

Title:

Financial and Admin Services Manager

Telephone:

1-805-385-7835

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1-805-385-7907

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Part 2. Project Information

Project Name:

Advanced Water Purification Facility - Capacity Expansion

Either the latitude/longitude or a location description is required. To determine the latitude/longitude, use the closest address or intersection. If the project is linear, use the furthest upstream latitude/longitude.

Project Latitude: **Project Longitude:**

Location Description:	5700 South Perkins Road Oxnard, CA 93033
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Watershed (Check all that apply):

Calleguas Creek and Santa Clara River	<input type="checkbox"/>	Santa Clara River	<input checked="" type="checkbox"/>	Ventura River	<input type="checkbox"/>	Countywide	<input type="checkbox"/>
<input type="text" value="Calleguas
Creek"/>	<input type="checkbox"/>						

Project Cooperating Agency(ies)/Organization(s)/Individual(s):

•
•
•

Project Status (e.g., new, ongoing, expansion, new phase):
Plant expansion from 6.25 mgd to 12.5 mgd

Project Description

A general description of the proposed project is needed. This section will provide information associated with the project concept, general project information, and readiness to proceed.



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Please provide a 1-2 paragraph description of the project including the general project concept, what will be constructed/implemented, how the constructed project will function, and treatment methods, as appropriate.

City of Oxnard proposes to double the production capacity of the Advanced Water Purification Facility (AWPF) from 6.25 to 12.5 MGD. This will require additional pumps and equipment, and expansion of the innovative wetland system, which treats effluent from the recycled water process. The recycled water can be used for agriculture, landscaping, manufacturing and industry, indirect potable reuse and potentially direct potable reuse.

Please describe how the project does or could integrate with other projects in the Region.

The project reduces reliance on imported water and improves regional water supply sustainability. Facilitates regional water recycling, Indirect Potable Reuse, and potentially Direct Potable Reuse. Potentially create a wetland habitat that may assist with Ormond Beach Wetlands Restoration, and may provide an opportunity to treat stormwater in the near future.

If applicable, list surface water bodies and groundwater basins associated with the proposed project:

- Lower Santa Clara River
- Calleguas Creek
- Oxnard Plane Groundwater Basin
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Please identify up to three available documents which contain information specific to the proposed project:

- Recycled Water Master Plan 2014
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Is the proposed project an element or phase of a regional or larger program? Yes

If yes, please identify the program



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The ability to produce and use high-quality recycled water is a cornerstone of Oxnard’s long-term, regional water supply reliability strategy known as the Groundwater Recovery, Enhancement and Treatment Program “GREAT” Program. Oxnard’s GREAT program is recognized as a high priority in the WVC IRWM Plan.

Required IRWM Project Elements – Please select at least one

X	Water supply reliability, water conservation, and water use efficiency
	Stormwater capture, storage, clean-up, treatment and management
	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
X	Groundwater recharge and management projects
X	Contaminant and salt removal through reclamation, desalting, and other treatment technologies and conveyance of reclaimed water for distribution to users
X	Water banking, exchange, reclamation, and improvement of water quality
	Planning and implementation of multipurpose flood management programs
X	Watershed protection and management
	Drinking water treatment and distribution
	Ecosystem and fisheries restoration and protection

Part 3. Project Need

Please provide a 1-2 paragraph description of the need(s) or problem(s) that the project will address. As applicable, discuss the water supply need, water quality need, or resource stewardship need (e.g. ecosystem restoration, floodplain management) need. Discuss critical impacts that will occur if the proposal is not implemented.



**2015 PROPOSITION 84 FINAL ROUND IMPLEMENTATION GRANT
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Regional water supplies are in crisis; imported water is not reliable and the future is uncertain, local groundwater pumping is mandated to be reduced because the Oxnard Plain Groundwater Basin has been over-pumped and is in a state of overdraft, diversions of surface water from the Santa Clara River are threatened due to sensitive environmental issues, and the State of California is facing one of the most severe droughts on record. The AWPf provides a new source of water to the region that otherwise would have been discharged to the Ocean. Expansion of the AWPf would double the current production capacity of the facility and increase water supply in the region. The proposed expansion project would provide an additional 6.25 million gallons per day of fully advanced treated water that can be used for irrigation, indirect potable reuse and potentially direct potable reuse.

Part 4. IRWMP Objectives Addressed by Project

Describe how the project meets any of the following IRWMP objectives:

1. Reduce dependence on imported water and protect, conserve and augment water supplies	The AWPf provides a new source of water to the region that otherwise would have been discharged to the Ocean.
2. Protect and improve water quality	The water quality produced by the AWPf is very low in total dissolved solids and other constituents. And when blended with groundwater has the potential to improve the quality of water supply in the region
3. Protect people, property and the environment from adverse flooding impacts	
4. Protect and restore habitat and ecosystems in watersheds	



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5. Provide water-related recreational, public access, stewardship, engagement and educational opportunities	The AWPf includes a Visitors Center intended to provide educational opportunities through the use of interpretive exhibits about water resources. A demonstration wetland on the project site is available for research on the fate of contaminants in reject water from the reverse osmosis process.
6. Prepare for and adapt to climate change	The AWPf provides a new source of water to the region to provide drought relief.

**Part 5. Program Preferences Addressed by the Project –
Check all that Apply**

X	Regional project or program - covers multiple watersheds
	Effectively integrates water management programs and projects with a hydrologic region identified in the California Water Plan; the Regional Quality Control Board (RWQCB) region or subdivision; or other region or sub-region specifically identified by DWR
	Effectively resolves significant water-related conflicts within or between regions
	Contributes to attainment of one or more of the objectives of the CALFED Bay-Delta Program
X	Addresses critical water supply or water quality needs of disadvantaged communities within the region
	Effectively integrate water management with land use planning
X	Are part of an IRWM Plan that helps the region reduce reliance on Sacramento-San Joaquin Delta for water supply
X	Addresses statewide priorities including climate change mitigation/adaptation (See PSP for detailed list)

Part 6. Project Readiness

Item	Status (e.g., not initiated, in process, complete)	Date
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Conceptual Plans		(10/31/2015)
Feasibility Study (or background documentation)		(May, 2002)
Preliminary Design (i.e., 30%, 60%, 90%, 100%)		AWPF infrastructure complete for expansion, Project includes equipment purchase and installation
CEQA/NEPA		(April, 2004)
Permits		(01/01/2016)
Construction Drawings		(01/01/2016)
Detailed Schedule		Will project go to bid by April 1, 2016? __Yes__ yes/no Will project be completed by October 31, 2020? __Yes__ yes/no
Detailed Budget Available	<u>No</u> (yes/no)	If no, indicate when will be provided: 10/2015
Funding match of 25% or more. Please indicate	<u>Yes</u> (yes/no)	Source of match: City Bonding/Rate Increases

For projects that do not include construction, please briefly describe the project readiness-to proceed.



**2015 PROPOSITION 84 FINAL ROUND IMPLEMENTATION GRANT
PROJECT INPUT FORM
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Part 7. Project Physical Benefits

Please provide a 1-2 paragraph description of the measurable physical benefits of the project. Quantify benefits to the extent possible (e.g., project will result in x acre-feet of water savings, project will benefit x acres of habitat) **IMPORTANT: Must be able to identify at least 2 quantifiable physical benefits.**

Project Benefits

- Adds 6.25 million gallons per day of water to the region for irrigation, IPR and Potentially DPR
- Reduces unit costs for full advance treatment water by 30% by doubling production capacity
- Reduces reliance on imported water, improve water supply reliability and stabilizes rates
- Improves groundwater management, providing resilience for climate change effects
- Facilitates regional water recycling and groundwater recharge projects



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Does the project address any known environmental justice issues?		
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No X	<input type="checkbox"/> Not Sure
Is the project located within or adjacent to a disadvantaged community?		
<input checked="" type="checkbox"/> Yes X	<input type="checkbox"/> No	<input type="checkbox"/> Not Sure
Does the project include disadvantaged community participation?		
<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Not Sure X
If yes, please identify the group or organization: City Corps		

Part 8. Project Cost Estimate

Project cost information is needed to assist in comparing benefits and costs. Additionally, knowledge of the project type and cost will assist in identifying funding sources for potential projects.

Please indicate the estimated total capital cost for project implementation. These costs include land purchase/easement, planning/design/engineering, construction/implementation, environmental compliance, administration, and contingency.

Lower estimated total capital cost (\$): 22,000,000

Upper estimated total capital cost (\$): 26,000,000

Of the total capital cost, please indicate the estimated cost for land purchase / easement (\$): N/A

Annual Operation and Maintenance Cost (\$): 4,500,000

Design Life of Project (years): 30+

PART 9. Additional Information

Please provide answers to the following questions:

Have you applied for a Proposition 84 grant after January 1, 2012?	Yes
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PROJECT INPUT FORM
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Have you adopted the 2014 IRWM Plan Update?	No
Is your project currently listed in the 2014 IRWM Plan?	No
Can you provide a high-quality map of your project location?	Yes
For this final round of Prop 84 funding, project costs must be incurred after January 1, 2011 and eligible costs incurred after January 1, 2015. Is this a problem?	No
The Prop 84 grant is a reimbursable grant, meaning, you pay for costs up front and receive reimbursement at a later date. Is this a problem?	No
Can you provide staff to support the development of the application (eg., staff time and high level of understanding of the project)?	Yes
Does your project assist with the current drought, and how?	Yes, provides additional water supply
Can you provide technical analysis for your project to support claimed physical benefits?	Yes

Commented [m1]: We need to confirm this

NOTE: Your agency must be willing to accept all of the terms of the Grant Agreement executed by the Department of Water Resources. Boilerplate language that was used in Round 2 can be found at:
http://www.water.ca.gov/irwm/grants/docs/Resources/ContractTemplates/GrantAgreement_Template_P84R2_FINAL.pdf