

Coachella Valley Integrated Regional Water Management Planning Grant Proposal – 2016 Solicitation

Submitted by Coachella Valley Water District

On behalf of the Coachella Valley Regional Water Management Group and the Planning Partners

Grant Application Checklist

APPLICANT INFORMATION TAB		
APPLICANT INFORMATION		
✓	<u>Organization Name*</u>	Coachella Valley Water District
✓	<u>Tax ID</u>	95-6000827
✓	<u>Point of Contact*</u>	Patti Reyes
✓	<u>Point of Contact, Position Title: *</u>	Planning and Special Programs Manager
✓	<u>Proposal Name*</u> (150 characters)	<i>Coachella Valley 2016 IRWM Planning Grant Proposal</i>
✓	<u>Proposal Objective*</u> (2000 characters)	<p>The objective of this proposal is to prepare a comprehensive update to the <i>2014 Coachella Valley IRWM Plan</i> to fulfill the ultimate goal of preparing and adopting an IRWM Plan that meets the IRWM Plan Standards as detailed in Volume 2, Section II of the <i>2016 Integrated Regional Water Management Grant Program Guidelines</i> (2016 IRWM Guidelines). This goal is critical to the Coachella Valley Regional Water Management Group (CVRWMG), as it will allow the IRWM Region to maintain its eligibility for IRWM and other Proposition 1 grant funds. The comprehensive update will include the following components:</p> <ul style="list-style-type: none"> • Plan Standards: Updates to ensure compliance with the 2016 IRWM Plan Standards • SWRP: Preparing components of a stormwater resource plan (SWRP) that will result in an IRWM Plan that also serves as a functionally equivalent SWRP per Senate Bill 985 • Governance: Incorporation of Valley Sanitary District into the CVRWMG <p>Given legislative, governance, and other changes that have taken place since 2014, there is a current need to update the <i>2014 Coachella Valley IRWM Plan</i>. Through the IRWM Plan preparation process that took place from 2012-2014, the CVRWMG learned that the IRWM Plan is viewed by stakeholders as a “one stop shop” for regional water resources planning information. Therefore, the proposed comprehensive update to the <i>2014 Coachella Valley IRWM Plan</i> will improve the region’s planning efforts by resulting in a single planning document that includes most recent water resources issues and information for the Region, and is also easily accessible by stakeholders and the public.</p>
PROPOSAL BUDGET		
✓	<u>Other Contribution</u>	\$0
✓	<u>Local Contribution</u>	\$78,404
✓	<u>Federal Contribution</u>	\$0
✓	<u>In-kind Contribution</u>	\$0
✓	<u>Amount Requested*</u>	\$211,982
✓	<u>Total Proposal Cost*</u>	\$290,386

GEOGRAPHIC INFORMATION		
✓	<u>Latitude*</u>	DD 33 MM 44 SS 47
✓	<u>Longitude*</u>	DD -116 MM 18 SS 31
✓	<u>Longitude/Latitude Clarification</u> (250 char)	Converted from data provided in Exhibit C of the PSP.
✓	<u>Location</u> (100 char)	Coachella Valley IRWM Region
✓	<u>Counties*</u>	Imperial County Riverside County San Bernardino County San Diego County
✓	<u>Groundwater Basins</u>	Coachella Valley – Indio Coachella Valley – Mission Creek Coachella Valley – Desert Hot Springs Coachella Valley – San Gorgonio Pass West Salton Sea
✓	<u>Hydrologic Region</u>	Colorado River
✓	<u>Watershed</u> (250 char)	Whitewater River
LEGISLATIVE INFORMATION		
✓	<u>State Assembly District*</u>	42, 56, 71
✓	<u>State Senate District*</u>	18, 23, 31, 36, 40
✓	<u>U.S. Congressional District*</u>	CA-36

PROJECTS TAB

PROJECT INFORMATION

✓	<u>Project Name*</u> (125 char)	<i>Coachella Valley Comprehensive IRWM Plan Update</i>
✓	<u>Implementing Organization</u>	Coachella Valley Water District
✓	<u>Secondary Implementing Organization</u>	Coachella Valley Regional Water Management Group (CVRWMG)
✓	<u>Proposed Start Date</u>	12/2/2016
✓	<u>Proposed End Date</u>	11/30/2018
✓	<u>Scope of Work</u> (500 characters)	As detailed in <i>Attachment 3, Work Plan</i> , proposed work to complete a comprehensive update to the <i>2014 Coachella Valley IRWM Plan</i> includes project administration, comprehensive IRWM Plan update, and IRWM Plan outreach tasks. The tasks included in Attachment 3 will ensure the proposal objectives are met to complete the <i>Coachella Valley Comprehensive IRWM Plan Update</i> .
✓	<u>Project Description</u> (2000 characters)	<p>The CVRWMG is committed to its efforts to coordinate water resources management and to enable the Coachella Valley Region, including disadvantaged communities (DACs), to apply for grants through the IRWM Grant Program. A key component to successful coordination of water resources management efforts in the Region is having a current, comprehensive IRWM Plan that meets applicable regulations.</p> <p>Since the <i>2014 Coachella Valley IRWM Plan</i> was completed and adopted, three significant changes have occurred in the IRWM Region, which necessitate the comprehensive IRWM Plan Update that is proposed within this Planning Grant application. Those changes include: development of 2016 IRWM Plan Standards, passage of Senate Bill 985, and changes to the Coachella Valley IRWM governance structure.</p> <p>Incorporation of the 2016 IRWM Plan Standards, components of a functionally equivalent SWRP, and changes to the Coachella Valley IRWM governance structure, will provide a comprehensive plan to better guide the water resources managers of the Region and will allow the Coachella Valley IRWM Region to maintain its eligibility for grant funding, which is critical to local DACs.</p>
✓	<u>Project Objective</u> (500 characters)	The objective of this proposal is to prepare a comprehensive update to the <i>2014 Coachella Valley IRWM Plan</i> , which will allow the IRWM Region to maintain its eligibility for IRWM and other Proposition 1 grant funds.

PROJECT BENEFITS INFORMATION

The proposal Solicitation Package (page 6) requires benefits to be entered as follows

Benefit Level	Benefit Type	Benefit	Description	Measurement
<i>Primary</i>	<i>Research/Planning</i>	<i>Management Plans-IRWMP</i>	Comprehensive update to the <i>2014 Coachella Valley IRWM Plan</i>	0

BUDGET

✓	<u>Other Contribution</u>	\$0
✓	<u>Local Contribution</u>	\$78,404
✓	<u>Federal Contribution</u>	\$0
✓	<u>In kind Contribution</u>	\$0
✓	<u>Amount Requested</u>	\$211,982
✓	<u>Total Project Cost</u>	\$290,386

GEOGRAPHIC INFORMATION		
✓	<u>Latitude</u>	DD 33 MM 44 SS 47
✓	<u>Longitude</u>	DD -116 MM 18 SS 31
✓	<u>Location</u>	Coachella Valley IRWM Region
✓	<u>County</u>	Imperial County Riverside County San Bernardino County San Diego County
✓	<u>Groundwater Basin</u>	Coachella Valley – Indio Coachella Valley – Mission Creek Coachella Valley – Desert Hot Springs Coachella Valley – San Gorgonio Pass West Salton Sea
✓	<u>Hydrologic Region</u>	Colorado River
✓	<u>Watershed</u>	Whitewater River
LEGISLATIVE INFORMATION		
✓	<u>State Assembly District</u>	42, 56, 71
✓	<u>State Senate District</u>	18, 23, 31, 36, 40
✓	<u>U.S. Congressional District</u>	CA-36

QUESTIONS TAB

✓	<u>Q1: Proposal Description</u> (4,000 characters)	<p>The CVRWMG is committed to its efforts to coordinate water resources management and to enable the Coachella Valley Region to apply for grants through the IRWM Grant Program. A key component to successful coordination of water resources management efforts in the Region is having a current, comprehensive plan.</p> <p>Since the <i>2014 Coachella Valley IRWM Plan</i> was completed and adopted, three significant changes have occurred in the IRWM Region, which necessitate the comprehensive IRWM Plan Update that is proposed within this Planning Grant application. Those changes include: development of 2016 IRWM Plan Standards, passage of Senate Bill 985, and changes to the Coachella Valley IRWM governance structure.</p> <p>Incorporation of the 2016 IRWM Plan Standards, components of a functionally equivalent SWRP, and changes to the Coachella Valley IRWM governance structure will provide a comprehensive plan to better guide the water resources managers of the Region and will allow the Coachella Valley IRWM Region to maintain its eligibility for Proposition 1 IRWM grant funding.</p>
✓	<u>Q2: Proposal Director</u> (4,000 characters)	<p>Mr. Jim Barrett General Manager Coachella Valley Water District P.O. Box 1058 Coachella, CA 92236 (760) 398-2661 jbarrett@cvwd.org</p>
✓	<u>Q3: Proposal Manager</u> (4,000 characters)	<p>Ms. Patti Reyes Planning and Special Programs Manager Coachella Valley Water District P.O. Box 1058 Coachella, CA 92236 (760) 398-2661 preyes@cvwd.org</p>
✓	<u>Q4: Applicant Information</u> (4,000 characters)	<p>Coachella Valley Water District P.O. Box 1058 Coachella, CA 92236 (760) 398-2661</p>
✓	<u>Q5: DAC Cost Share Waiver or Reduction</u>	Yes
✓	<u>Q6: EDA Cost Share Waiver or Reduction</u>	No
✓	<u>Q7: Advanced Pay</u>	No
✓	<u>Q8: Additional Information</u>	No Other Contributions
✓	<u>Q9: Eligibility</u> (List Urban and Ag water suppliers receiving funding and contact info) (4,000 characters)	<p>Coachella Valley Water District P.O. Box 1058 Coachella, CA 92236 (760) 398-2661</p>
✓	<u>Q10: Eligibility</u>	<p>Yes</p> <p>Addressed in Att. 2</p>
✓	<u>Q11: Eligibility</u>	<p>N/A</p> <p>Addressed in Att. 2</p>
✓	<u>Q12: Eligibility</u>	<p>Yes</p> <p>Addressed in Att. 2</p>
✓	<u>Q13: Completeness Check</u>	<u>Yes</u>
✓	<u>Q14: Regional Acceptance Process</u>	Yes, the Coachella Valley IRWM Region was approved in the RAP.

ATTACHMENTS TAB

✓	<u>Attachment 1: Authorizing Documentation</u> * (50 MB each, 125 char filename)	Att1_P1PG_CVWD _AuthDoc_1of1
✓	<u>Attachment 2: Eligible Applicant Document</u> * (50 MB each, 125 char filename)	Att2_P1PG_CVWD _EligDoc_1of1
✓	<u>Attachment 3: Work Plan</u> * (50 MB each, 125 char filename)	Att3_P1PG_CVWD _WrkPln_1of1
✓	<u>Attachment 4: Budget</u> * (50 MB each, 125 char filename)	Att4_P1PG_CVWD _BUDGET_1of1
✓	<u>Attachment 5: Schedule</u> * (50 MB each, 125 char filename)	Att5_P1PG_CVWD _SCHED_1of1
✓	<u>Attachment 6: Disadvantaged Community</u> * (50 MB each, 125 char filename)	Att6_P1PG_CVWD _DAC_1of1
✓	<u>Attachment 7: Economically Distressed Area</u> (50 MB each, 125 char filename)	Att7_P1PG_CVWD _EDA_1of1
✓	<u>Attachment 8: Water Meter Implementation Compliance</u> (50 MB each, 125 char filename)	Att8_P1PG_CVWD _WMIC_1of1
✓	<u>Attachment 9: Regional Acceptance Process</u> (50 MB each, 125 char filename)	Att9_P1PG_CVWD _RAP_1of1

Coachella Valley Integrated Regional Water Management 2016 IRWM Planning Grant Proposal

Authorizing Documentation

Attachment 1 consists of the following items:

- ✓ **Memorandum of Understanding.** The adopted Memorandum of Understanding (MOU), developed and adopted by the six Coachella Valley Regional Water Management Group (CVRWMG) members, establishes the intent of the Members to collaboratively coordinate water supply planning programs and projects and to implement the Coachella Valley IRWM Plan. Furthermore, the MOU provides provisions for a member of the CVRWMG to submit grant applications on behalf of the group.
- ✓ **Authorizing Documentation.** A pending resolution will authorize the Coachella Valley Water District (CVWD) to submit this Coachella Valley 2016 IRWM Planning Grant Proposal and execute an agreement with the State of California for IRWM planning activities.

Authorizing Documentation

This *Coachella Valley 2016 IRWM Planning Grant Proposal* is being submitted by CVWD on behalf of the CVRWMG. Per the adopted *Memorandum of Understanding among City of Coachella/Coachella Water Authority, Coachella Valley Water District, Desert Water Agency, City of Indio/Indio Water Authority, Mission Springs Water District, and Valley Sanitary District for Development and Implementation of the Coachella Valley Integrated Regional Water Management Plan*, CVWD is a member of the CVRWMG (**Appendix 1-1**). As directed by consensus agreement of the CVRWMG and as allowable in the MOU, CVWD shall serve as the submitting agency (applicant) for this 2016 IRWM Planning Grant Proposal.

A resolution will be presented to CVWD's Board of Directors on September 27, 2016, which will retroactively authorize CVWD to submit this *Coachella Valley 2016 IRWM Planning Grant Proposal* and execute an agreement with the State of California for updating the *2014 Coachella Valley IRWM Plan*. CVWD has executed many similar grant agreements with the State of California, and anticipates no issues with adopting the necessary resolution for this Planning Grant. A draft of the resolution that is being presented to the CVWD Board of Directors is included as **Appendix 1-2**. Once the resolution is adopted, a final executed version will be submitted to DWR prior to release of the draft awards. As required per the Planning Grant Proposal Solicitation Package, CVWD contacted DWR to discuss the situation pertaining to the late resolution, and received approval to submit a final resolution after the application due date (see **Appendix 1-3**).



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MEMORANDUM OF UNDERSTANDING
among
CITY OF COACHELLA/COACHELLA WATER AUTHORITY, COACHELLA
VALLEY WATER DISTRICT, DESERT WATER AGENCY, CITY OF
INDIO/INDIO WATER AUTHORITY, MISSION SPRINGS WATER
DISTRICT, AND VALLEY SANITARY DISTRICT
for
DEVELOPMENT AND IMPLEMENTATION OF THE COACHELLA VALLEY
INTEGRATED
REGIONAL WATER MANAGEMENT PLAN

This Memorandum of Understanding (MOU) dated August 27, 2014 is entered into among the City of Coachella/Coachella Water Authority, Coachella Valley Water District, Desert Water Agency, City of Indio/Indio Water Authority, Mission Springs Water District, and Valley Sanitary District (collectively known as Members) for the purpose of coordinating water resources planning activities undertaken by the water entities. This MOU restates the agreement of the founding Members and incorporates all supplements to the original MOU listed below:

- Supplement 1 – April, 29 2010 – Consultant Retention IRWM Plan
- Supplement 2 – March 13, 2012 – Consultant Retention Plan Update and DAC Outreach
- Supplement 3 – August 8, 2012 – Implementation Grant Round 1
- Supplement 4 – February 22, 2013 – Consultant Retention CV-Strategies Outreach

WHEREAS, each Member has adopted a Resolution of commitment approving this MOU and committing to develop, update, and implement the Coachella Valley Integrated Regional Water Management Plan (CVIRWMP).

WHEREAS, it is in the interests of the Members and the region served by the Members that these water resources are responsibly managed and conserved to the extent feasible; and

WHEREAS, the Members wish to coordinate their long term water supply planning efforts in accordance with Section 10531 of the *Integrated Regional Water Management Planning Act of 2002* and Division 43 of the *Safe Water, Water Quality and Supply, Flood Control, River and Coastal Protection Bond Act of 2006* (Acts); and

WHEREAS, the Members anticipate the potential need for future agreements on specific activities, projects or programs and with other affected agencies to further coordinate long term water supply planning.

NOW, THEREFORE, it is mutually understood and agreed as follows:

Appendix 1-1: CVRWMG Memorandum of Understanding

SECTION 1: AUTHORITY OF MEMBERS

- 1.1. The Coachella Water Authority is a joint powers authority formed as a component of the City of Coachella and has statutory authority over water supply.
- 1.2. Coachella Valley Water District is a public agency of the State of California organized and operating under County Water District Law, California Water Code section 30000, et seq, and Coachella District Merger Law, Water Code section 33100, et seq. Coachella Valley Water District is a State Water Project Contractor and Colorado River Contractor empowered to import water supplies to its service area, and has statutory authority over water supply.
- 1.3. The Desert Water Agency is an independent special district created by a special act of the state legislature contained in chapter 100 of the appendix of the California Water Code. Desert Water Agency is also a State Water Project Contractor empowered to import water supplies to its service area, replenish local groundwater supplies, and collect assessments necessary to support a groundwater replenishment program as provided for in the Desert Water Agency Law and has statutory authority over water supply.
- 1.4. The Indio Water Authority is a joint powers authority of the City of Indio and the Indio Housing Authority and has statutory authority over water supply.
- 1.5. Mission Springs Water District is a County Water District formed under Section 30000 et seq of the California Water Code and has statutory authority over water supply.
- 1.6. The Valley Sanitary District is an independent special district governed under the California Sanitary Act of 1923. The District provides collection, wastewater treatment and water reuse services for customers in the eastern Coachella Valley since 1925.

SECTION 2: MEMBERSHIP CRITERIA

Membership criteria for participation as a Member includes:

- 2.1. Possess a water management responsibility in the Coachella Valley. This criterion could apply to but is not limited to the following entities:
 - a. Wholesale or retail water providers
 - b. Agricultural, recycled, and raw/surface water providers
 - c. Wastewater providers
 - d. Surface water rights holders
 - e. Regional flood/stormwater managers

Appendix 1-1: CVRWMG Memorandum of Understanding

- 2.2. Commit to adopting the 2014 CVIRWM Plan prior to membership and participate in future Plan Updates, as well as commit to good faith effort as a part of the CVRWMG to approve the future Plan Updates
- 2.3. Actively participate in management and implementation of Coachella Valley IRWM program. This includes regular attendance at meetings of CVIRWMG, Planning Partners, and other essential meetings, as well as efforts necessary to review and comment on work products
- 2.4. Participate in funding current and future program costs.
- 2.5. Commit to transparency and accountability in governing body actions that relate to the Coachella Valley IRWM program.
- 2.6. Commit to adopt the MOU and abide by the Ground Rules.
- 2.7. Commit to work toward consensus in supporting the water management needs of the entire Coachella Valley.

SECTION 3: DEFINITIONS

The abbreviations and capitalized words and phrases used in this MOU shall have the following meanings:

- 3.1. Acts — mean Section 10531 of the Integrated Regional Water Management Planning Act of 2002 and California Water Code Division 43, known as the Safe Water, Water Quality and Supply, Flood Control, River and Coastal Protection Bond Act of 2006
- 3.2. Coachella Valley Region — the watershed bounded on the North by the San Bernardino Mountains, Little San Bernardino Mountains and Mecca Hills Area, on the East by Mortmar and Travertine Rock, on the South by the Santa Rosa Mountains and San Jacinto Mountains and on the West by Stubbe Canyon.
- 3.3. CVWD — Coachella Valley Water District
- 3.4. CVIRWMG — Coachella Valley Integrated Regional Water Management Group
- 3.5. CWA — Coachella Water Authority
- 3.6. DWA — Desert Water Agency
- 3.7. IRWMP — Integrated Regional Water Management Plan
- 3.8. CVIRWMP — Coachella Valley Integrated Regional Water Management Plan

Appendix 1-1: CVRWMG Memorandum of Understanding

3.9. IWA — Indio Water Authority

3.10. Planning Partners — primary stakeholder group for the Coachella Valley IRWM Program that provides direct input to the Members

3.11. MSWD — Mission Springs Water District

3.12. VSD — Valley Sanitary District

SECTION 4: PURPOSES AND GOALS OF THIS MOU

4.1. Purpose and Goals:

4.1.1. The purpose of this MOU is to memorialize the intent of the Members to coordinate and share information concerning water supply planning programs and projects and other information, and to improve and maintain overall communication among the Members involved. It is anticipated that coordination and information sharing among the Members will assist the agencies in achieving their respective missions to the overall well-being of the region. Coordination and information sharing shall focus on issues of common interest in Section 3.2.

4.1.2. The execution of the original MOU by the Members formed the Integrated Regional Water Management Group consisting of the Members, in accordance with the Acts. The Integrated Regional Water Management Group shall be named the Coachella Valley Integrated Regional Water Management Group (CVRIWVG) and shall be comprised of the Members listed in Section 1 and compliant with the membership criteria in Section 2.

4.1.3. The original goal of the Members was to prepare and adopt an IRWMP for the Coachella Valley Region, which was accomplished in 2010 and updated in 2014. Further their future goal is to implement projects, activities and programs individually or jointly in groups that address issues of common interest, as the group so identifies.

4.2. Common Issues and Interest:

4.2.1. Water supply programs and projects that may provide mutual benefits in improving water supply reliability and/or water quality.

4.2.2. Coordination of near-term and long-term water supply planning activities.

4.2.3. Development of regional approaches to problem-solving and issues resolution as well as to further common interest.

Appendix 1-1: CVRWGM Memorandum of Understanding

- 4.3. Future Agreements by Members: The Members acknowledge that by virtue of commitments and intentions stated within this MOU, the need for certain other considerations that will facilitate the update and implementation of the CVIRWMP for the Coachella Valley Region will emerge. Those considerations will be subject to the agreement of the parties and documented in subsequent supplements.

SECTION 5: JOINT PLANNING FOR PROJECTS AND PROGRAMS

- 5.1. Projects, Programs and Actions which are part of the Coachella Valley Integrated Regional Water Management Plan: it is the intent of the Members that they coordinate and collaborate to address the common issues identified. By consensus, the Members may develop and implement actions, projects and programs individually or jointly in groups of two or more, or enter into additional agreements in furthering those goals. This section shall not be construed as a means of removing general benefit projects from the management oversight of CVRIWGM, nor as a method of circumventing the decision resolution process outlined in the governance documents of the CVRIWGM. Applicable projects and programs include, but are not limited to the following:
- 5.1.1. Water conservation programs and other demand management programs.
 - 5.1.2. Water recycling, desalination, groundwater basin management, and water quality improvement programs and projects.
 - 5.1.3. Water banking, conjunctive use and transfer arrangements.
 - 5.1.4. Water storage development to improve system reliability, efficiencies, and flexibility.
 - 5.1.5. Project and program planning and development to solicit external funding.
 - 5.1.6. Other meritorious projects or programs consistent with the purposes of this MOU.
- 5.2. Communication and Coordination: It is the intent of the Members to generally meet on a monthly basis in order to carry out the purposes and goals of this MOU. The frequency and location of meetings are subject to the discretion of the Members and may be changed when appropriate.

The Members will also coordinate with stakeholders in the Coachella Valley through Planning Partners meetings and other correspondence at a frequency determined by the Members. The Planning Partners will provide opportunity for public comment on decisions directly related to the CVIRWMP development and implementation that are made by the governing bodies of the Members.

Appendix 1-1: CVRWMG Memorandum of Understanding

SECTION 6: TERMS AND CONDITIONS

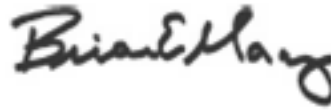
- 6.1. Term: The term of this MOU is indefinite. Any Member may withdraw from the MOU by written notice given at least 45 days prior to the effective date.
- 6.2. Construction of Terms: This MOU is for the sole benefit of the Members and shall not be construed as granting rights to any person other than the Members or imposing obligations on a Member to any person other than another Member.
- 6.3. Good Faith: Each Member shall use its best efforts and work wholeheartedly and in good faith for the expeditious completion of the objectives of this MOU and the satisfactory performance of its terms.
- 6.4. Rights of the Members: This MOU does not contemplate the Members taking any action that would:
 - 6.4.1. Adversely affect the rights of any of the Members; or
 - 6.4.2. Adversely affect the customers or constituencies of any of the Members.
- 6.5. This document and participation in this CVIRWMP are nonbinding, and in no way suggest that a Member may not continue its own planning and undertake efforts to secure project funding from any source.
- 6.6. Members shall contribute personnel and financial resources necessary to undertake the CVIRWMP efforts of the CVIRWMG. It is expected that Members will contribute equal shares to the current and future CVIRWM program costs as agreed by the CVIRWMG. These will be documented in subsequent supplements to the MOU.
- 6.7. From time to time, the CVIRWMG may apply for and receive funding from state or federal agencies, or other entities for projects of mutual benefit within the IRWM Region. The CVIRWMG may appoint a member agency or consultant to administer and coordinate the use of such funding. The administering agency shall not have any additional authority above the CVIRWMG Members regarding project implementation, funding redistribution or any other decisions related to such projects.

IN WITNESS WHEREOF, the parties have executed this Memorandum of Understanding as of the day and year indicated on the first page of this MOU.

Appendix 1-1: CVRWMG Memorandum of Understanding



Jim Barrett
Coachella Valley Water District



Brian Macy
Indio Water Authority



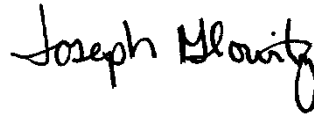
Arden Wallum
Mission Springs Water District



Dave Luker
Desert Water Agency



Kirk Cloyd Coachella Water Authority



Joseph Glowitz
Valley Sanitary District

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Appendix 1-2: Draft Planning Grant Resolution

RESOLUTION NO. 2016-X

BE IT RESOLVED by the Board of Directors of the Coachella Valley Water District assembled in regular meeting this 27 day of September, 2016, that application be made to the California Department of Water Resources to obtain an Integrated Regional Water Management Planning Grant pursuant to the Water Quality, Supply, and Infrastructure Improvement Act of 2004 (Water Code Section 79700 *et seq.*), and to enter into an agreement to receive a grant for the *2016 Coachella Valley IRWM Plan Amendments*. The General Manager of the Coachella Valley Water District is hereby authorized and directed to prepare the necessary data, conduct investigations, file such application, and execute a grant agreement with the California Department of Water Resources.

BE IT FURTHER RESOLVED that it hereby authorizes the General Manager to amend the Consulting Contract with RMC Water and Environment for Preparation of the Planning Grant application, and authorize this District's portion of the application preparing cost in the amount of \$38,568; and

BET IT FINALLY RESOLVED that this Board resolution authorizes a total of \$38,568.

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Appendix 1-3: DWR Approval to Submit Late Resolution

Crystal Benham

From: DWR IRWM Grants@DWR <dwr_irwm@water.ca.gov>
Sent: Friday, September 02, 2016 11:50 AM
To: Crystal Benham
Subject: RE: Planning Grant Resolution Question

Hi Crystal,

It is fine to submit the draft resolution with your application and then follow up by providing the final adopted resolution to us when it is available.

Jennifer

Department of Water Resources
Division of Integrated Regional Water Management
901 P Street
P.O. Box 942836
Sacramento, CA 94236-0001

From: Crystal Benham [CBenham@rmcwater.com]
Sent: Tuesday, August 30, 2016 12:43 PM
To: DWR IRWM Grants@DWR
Subject: Planning Grant Resolution Question

Good Afternoon,

In the PSP for the Planning Grant, it says that if a resolution cannot be signed prior to the application due date, please contact DWR. For the Coachella Valley, we plan on submitting an application – the applicant will be the Coachella Valley Water District (CVWD). CVWD will be considering the resolution for the Planning Grant at their September meeting on September 27th. At this meeting is anticipated that the resolution will pass without any issues.

Please let me know (via writing, preferably) if it would be ok to submit the draft resolution within our application, with the understanding that we will provide the signed resolution to DWR as soon as it is available.

Thank you!

Sincerely,

Crystal

Crystal Benham

Water Resources Planner

RMC Water and Environment

10509 Vista Sorrento Pkwy, Suite 205

San Diego, CA 92121

P: 858.875.7421

cbenham@rmcwater.com | www.rmcwater.com



Complex Challenges | Innovative Solutions

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Attachment 2 consists of the following items:

- ✓ **Eligible Applicant Documentation.** Below is a statement explaining why the Coachella Valley Water District (CVWD) is an eligible applicant for the IRWM Planning Grant. Information is also provided to answer Eligibility Questions 9-12 that are listed in Table 2 – Grant Application Checklist of the Planning Grant Proposal Solicitation Package.

Eligible Applicant Documentation

CVWD is applying for this Planning Grant on behalf of the Coachella Valley Regional Water Management Group (CVRWMG). CVWD is an eligible applicant as described below:

1. CVWD is a local public agency as defined in Appendix B of the IRWM Grant Program Guidelines. CVWD provides water supply, wastewater treatment and reclamation, and flood control services within its service area.
2. CVWD has the legal authority to enter into a grant agreement with the State of California. CVWD has submitted multiple grant applications to the State of California, and has entered into agreements with the California Department of Water Resources (DWR) through the IRWM Program. A resolution will be adopted by the CVWD Board of Directors on September 27, 2016 to authorize CVWD to submit this *Coachella Valley 2016 IRWM Planning Grant Proposal* and execute an agreement with the State of California for IRWM planning activities (refer to **Appendix 1-2** for a draft version of the resolution and **Appendix 1-3** for DWR approval to submit a resolution after the application due date).
3. The six local water purveyors of the CVRWMG jointly developed and adopted a Memorandum of Understanding among *City of Coachella/Coachella Water Authority, Coachella Valley Water District, Desert Water Agency, City of Indio/Indio Water Authority, Mission Springs Water District, and Valley Sanitary District for Development and Implementation of the Coachella Valley Integrated Regional Water Management Plan* which demonstrates their commitment to the IRWM Program (**Appendix 1-1**). Should the Coachella Valley IRWM Region receive a Planning Grant, the MOU will be amended to define CVWD as the administrator for the grant.
4. CVWD is submitting this *Coachella Valley 2016 IRWM Planning Grant Proposal* solely on behalf of the Coachella Valley IRWM Region. No other IRWM regions are involved in this proposal.
5. A certificate of incorporation is not necessary for CVWD, because CVWD is a local public agency. Therefore, a copy of a certificate of incorporation is not applicable or included in this application.

Eligibility Question 9. Water Meter Compliance

As defined in the *IRWM Grant Program Guidelines*, CWC §525 requires urban water suppliers applying for IRWM grant funds to demonstrate that they meet the State's water meter requirements. CVWD has completed and submitted the self-certification form (**Appendix 8-1**) for compliance with water metering requirements for funding applications, as described in *Attachment 8 Water Meter Implementation Compliance*.

Eligibility Question 10. Urban Water Management Plan Compliance

CVWD is an urban water supplier and has completed and submitted a 2015 Urban Water Management Plan (UWMP) to the DWR. CVWD held a public meeting and adopted its 2015 UWMP on June 14, 2016,



and subsequently submitted the UWMP to DWR prior to the July 1, 2016 deadline. As of September 23, 2016, CVWD's 2015 UWMP is under review by DWR. **Appendix 2-1** provides a letter from DWR confirming receipt of CVWD's UWMP and the date of submittal per DWR's WUEdata submittal database.

Eligibility Question 11. Agricultural Water Management Plan Compliance

CVWD is an agricultural water supplier; however, because CVWD receives agricultural water supplies from the Quantification Settlement Agreement, CVWD is exempt from the State of California's requirement to have an Agricultural Water Management Plan.

Eligibility Question 12. Surface Water Diverter Compliance

CVWD is a surface water diverter with three appropriative surface water applications that are permitted, including:

- Whitewater River
- Colorado River
- Tributary Creeks, including: Andreas Canyon Creek, Falls Creek, Murray Canyon Creek, Palm Canyon Creek, Snow Creek Tahquitz Creek, and Whitewater River

CVWD submitted a surface water diversion report to DWR on July 2, 2008, which is in compliance with requirements outlined in Part 5.1 (commencing with §5100) of Division 2 of the CWC. However, CVWD has not and will not submit a report for any years since 2007, because it is "Inactive" as declared in the Electronic Water Rights Information Management System (eWRIMS) database on September 1, 2011. **Appendix 2-2** includes documentation of CVWD's inactive status per the eWRIMS database, as well as the most recent Water Rights Progress Reports filed by CVWD.

Appendix 2-1: 2015 Urban Water Management Compliance Documentation

STATE OF CALIFORNIA – CALIFORNIA NATURAL RESOURCES AGENCY

EDMUND G. BROWN JR., Governor

DEPARTMENT OF WATER RESOURCES

1416 NINTH STREET, P.O. BOX 942836
SACRAMENTO, CA 94236-0001
(916) 653-5791



August 10, 2016

Ms. Patti Reyes
Coachella Valley Water District
PO Box 1058
Coachella, California 92236

Dear Ms. Reyes:

This is to inform you that the Department of Water Resources (DWR) received the 2015 Urban Water Management Plan for the Coachella Valley Water District on July 1, 2016. DWR reviews plans as quickly as possible and in the order they are received.

Please feel free to contact Gwen Huff at (916) 651-9672 if you have any questions or would like to discuss the review of 2015 Urban Water Management Plans. Contact Ms. Huff also if you require an expedited review.

Sincerely,

A handwritten signature in blue ink, appearing to read "Vicki Lake".

Vicki Lake
Unit Chief
Urban Water Use Efficiency
(916) 651-0740

Appendix 2-1: 2015 Urban Water Management Compliance Documentation

WUEdata - Submitted 2015 Urban Water Management Plans

[Sign In](#)
[Back](#)

Submitted 2015 Urban Water Management Plans (UWMPs)

Water Supplier Name ▾	Purveyor Type	Date Submitted	Submitted Documents	Reviewed by DWR?	Addressed Requirements?	DWR Letters
Chino Hills City Of	Retailer	07/20/2016	View Documents	No	N/A	View Letters
Citrus Heights Water District	Retailer	06/22/2016	View Documents	No	N/A	View Letters
Cloverdale City of	Retailer	06/23/2016	View Documents	No	N/A	View Letters
Clovis City Of	Retailer	07/27/2016	View Documents	No	N/A	View Letters
Coachella City Of	Retailer	08/23/2016	View Documents	No	N/A	N/A
Coachella Valley Water District	Retailer	07/01/2016	View Documents	Under Review	N/A	View Letters
Colton City Of	Retailer	07/01/2016	View Documents	No	N/A	View Letters
Compton City Of	Retailer	08/23/2016	View Documents	No	N/A	N/A
Contra Costa Water District	Retailer & Wholesaler	06/29/2016	View Documents	Under Review	N/A	View Letters
Contra Costa Water District Alliance	Not Specified	06/29/2016	View Documents	No	N/A	View Letters

Appendix 2-2: Surface Water Diverter Compliance Documentation**[SUMMARY OF FINAL SUBMITTED VERSION]****PROGRESS REPORT BY PERMITTEE FOR 2015**

Primary Owner: COACHELLA VALLEY WATER DISTRICT
 Primary Contact: COACHELLA VALLEY WATER DISTRICT

Date Submitted: 2016-04-07

Application Number: A001122

Permit Number: 000536

Source(s) of Water	POD Parcel Number	County
WHITEWATER RIVER		Riverside
WHITEWATER RIVER		Riverside

MAX Direct Diversion Rate: 400.0 CFS

MAX Collection to Storage: 0.0 AC-FT

Face Value: 289591.0 AC-FT

Permitted Use(s)	Acres	Direct Diversion Season	Storage Season
Domestic	0.0	01/01 to 12/31	
Irrigation	25000.0	01/01 to 12/31	

1. Permit Review

I have reviewed my water right permit	Yes
---------------------------------------	-----

2. Compliance with Permit Terms and Conditions

I am complying with all terms and conditions	Yes
--	-----

Description of noncompliance with terms and conditions	
--	--

3. Changes to the Project

Intake location has been changed	
----------------------------------	--

Description of intake location changes	
--	--

Type of use has changed	
-------------------------	--

Description of type of use changes	
------------------------------------	--

Place of use has changed	
--------------------------	--

Description of place of use changes	
-------------------------------------	--

Other changes	
---------------	--

Description of other changes	
------------------------------	--

4-6. Permitted Project Status

Project Status	Not Complete
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6a. Construction work has commenced	Yes
-------------------------------------	-----

6b. Construction is completed	No
-------------------------------	----

6c. Beneficial uses of water has commenced	Yes
--	-----

6d. Project will be completed within the time period specified in the permit	No
--	----

6e. Explanation of work remaining to be done	The groundwater recharge facility ponds are of such nature that routine and continuing construction is needed to repair and build dikes, smooth land, etc. to force water underground.
--	--

6f. Estimated date of completion	12/31/2099
----------------------------------	------------

Appendix 2-2: Surface Water Diverter Compliance Documentation**7. Purpose of Use**

Other	groundwater recharge of the Indio Subbasin
-------	--

8. Amount of Water Diverted and Used

Month	Amount directly diverted (Acre-Feet)	Amount diverted or collected to storage (Acre-Feet)	Amount used (Acre-Feet)
January	116	0	116
February	123.6	0	123.6
March	154.7	0	154.7
April	264.9	0	264.9
May	469.6	0	469.6
June	233.2	0	233.2
July	279.8	0	279.8
August	271.3	0	271.3
September	406.9	0	406.9
October	166.9	0	166.9
November	224.7	0	224.7
December	223.3	0	223.3
Total	2934.9	0	2934.9
Type of Diversion	Direct Diversion Only		
Comments			

Water Transfers

8e. Water transferred	No
8f. Quantity transferred (Acre-Feet)	
8g. Dates which transfer occurred	/ to /
8h. Transfer approved by	

Water Supply Contracts

8i. Water supply contract	No
8j. Contract with	
8k. Other provider	
8l. Contract number	
8m. Source from which contract water was diverted	
8n. Point of diversion same as identified water right	
8o. Amount (Acre-Feet) authorized to divert under this contract	
8p. Amount (Acre-Feet) authorized to be diverted in 2015	
8q. Amount (Acre-Feet) projected for 2016	
8r. Exchange or settlement of prior rights	
8s. All monthly reported diversion claimed under the prior rights	
8t. Amount (Acre-Feet) of reported diversion solely under contract	

9. Maximum Rate of Diversion for each Month

Month	Maximum Rate of Diversion (CFS)
January	1.9
February	2.2
March	2.5
April	4.5
May	7.7

Appendix 2-2: Surface Water Diverter Compliance Documentation

June	3.8
July	4.7
August	4.4
September	6.6
October	2.8
November	3.7
December	3.8

10. Storage

Reservoir name	Spilled this year	Feet below spillway at maximum storage	Completely emptied	Feet below spillway at minimum storage	Method used to measure water level

Conservation of Water

11. Are you now employing water conservation efforts?	Yes
Description of water conservation efforts	Water budget based tiered rates, landscape ordinance, landscape manual, public education, extraordinary agriculture conservation measures, Stage 2 Water Shortage Contingency Plan, and Mandatory Conservation 32% Reduction.
12. Amount of water conserved	

Water Quality and Wastewater Reclamation

13. During the period covered by this Report, did you use reclaimed water from a wastewater treatment facility, water from a desalination facility, or water polluted by waste to a degree which unreasonably affects the water for other beneficial uses?	Yes
14. Amount of reclaimed, desalinated, or polluted water used	

Conjunctive Use of Groundwater and Surface Water

15. During the period covered by this Report, were you using groundwater in lieu of available surface water authorized under your permit?	No
16. Amounts of groundwater used	

Additional Remarks

--

Attachments

File Name	Description	Size
Water Rights Permits Annual Water Diversions 2015.pdf		25 KB

Contact Information of the Person Submitting the Form

First Name	Ivory
Last Name	Reyburn
Relation to Water Right	Primary Owner of Record
Has read the form and agrees the information in the report is true to the best of his/her knowledge and belief	Yes

Appendix 2-2: Surface Water Diverter Compliance Documentation

COACHELLA VALLEY WATER DISTRICT
 SUMMARY OF MONTHLY FLOWS IN ACRE FEET (AF)
 RIVERS AND CREEKS
 WATER RIGHTS APPLICATIONS A001122, A002922, A007483
 (WATER RIGHTS PERMITS 536, 3011, 7650)

FILE 0642.3
 March 31, 2016

CALENDER YEAR 2015

MONTH (1)	TAHQUITZ CREEK (2)	ANDREAS CANYON CREEK (3)	PALM CANYON CREEK (4)	MURRAY CANYON CREEK (5)	FALLS CREEK (6)	SNOW CREEK (7)	DIVERSIONS FROM CREEKS (8)	DIVERSIONS FROM WHITEWATER RIVER (9)	DIVERSIONS FROM COLORADO RIVER (10)
JANUARY	55.2	85.1	5.4	8.5	20.5	138.8	313.5	116.0	19,891
FEBRUARY	45.5	72.9	13.8	6.7	15.6	146.3	300.8	123.6	22,229
MARCH	76.1	80.4	9.6	7.7	15.2	121.7	310.7	154.7	27,418
APRIL	39.7	62.8	0.2	6.6	9.0	81.0	199.3	264.9	33,116
MAY	38.8	56.6	0.0	6.0	12.9	128.5	242.7	469.6	32,211
JUNE	9.2	28.2	0.0	3.0	6.9	82.1	129.3	233.2	34,808
JULY	0.5	29.7	0.0	3.1	5.2	140.5	178.9	279.8	34,087
AUGUST	0.0	27.7	0.0	2.9	4.2	120.6	155.4	271.3	39,388
SEPTEMBER	0.0	49.1	0.0	2.4	3.8	159.4	214.7	406.9	33,907
OCTOBER	0.0	58.7	0.0	6.2	6.8	118.4	190.1	166.9	28,344
NOVEMBER	2.4	60.4	0.0	6.4	14.3	104.8	188.2	224.7	29,939
DECEMBER	29.3	82.8	0.0	8.7	21.2	179.8	321.7	223.3	23,861
TOTAL	296.6	694.3	29.1	67.9	135.6	1,521.9	2,745.4	2,934.9	359,199

Columns (2-4), (6), (7): USGS provisional data sheets (acre-feet per month).

Column (5): Flows calculated based on factor derived from analysis of drainage areas in Andreas, Palm, and Murray Canyons.

Column (8): Total of Columns (2-7).

Column (9): USGS provisional discharge data (AF) Station # 10256000, Whitewater River at Whitewater above MWD turnout.

Column (10): Colorado River Accounting and Water Use Report, Arizona, California and Nevada,

<http://www.usbr.gov/lc/region/g4000/wtracct.html>. Actual Water Use 2015. Table of "Diversions From Mainstream-Available Return Flow And Consumptive Use of Such Water Calendar Year 2015 State of California.

Appendix 2-2: Surface Water Diverter Compliance Documentation

COACHELLA VALLEY WATER DISTRICT
 SUMMARY OF MONTHLY MAX DIVERSION RATE (CFS)
 RIVERS AND CREEKS
 WATER RIGHTS APPLICATIONS A001122, A002922, A007483
 (WATER RIGHTS PERMITS 536, 3011, 7650)

FILE 0642.3
 March 31, 2016

CALENDER YEAR 2015

MONTH (1)	TAHQUITZ CREEK (2)	ANDREAS CANYON CREEK (3)	PALM CANYON CREEK (4)	MURRAY CANYON CREEK (5)	FALLS CREEK (6)	SNOW CREEK (7)	CREEKS MONTHLY MAX DIV TOTAL (8)	WHITWATER RIVER MONTHLY MAX DIV TOTAL (9)	COLORADO RIVER MONTHLY MAX DIV TOTAL (10)
JANUARY	27.9	43.0	2.7	4.3	10.4	70.1	154.1	1.9	324.1
FEBRUARY	23.0	36.8	7.0	3.4	7.9	73.9	148.5	2.2	401.0
MARCH	38.5	40.6	4.9	3.9	7.7	61.5	153.1	2.5	446.7
APRIL	20.1	31.7	0.1	3.3	4.5	40.9	97.3	4.5	557.5
MAY	19.6	28.6	0.0	3.0	6.5	64.9	119.6	7.7	524.8
JUNE	4.6	14.2	0.0	1.5	3.5	41.5	63.8	3.8	586.0
JULY	0.2	15.0	0.0	1.6	2.6	70.9	88.8	4.7	555.3
AUGUST	0.0	14.0	0.0	1.5	2.1	60.9	77.0	4.4	641.7
SEPTEMBER	0.0	24.8	0.0	2.6	1.9	80.5	107.2	6.6	570.8
OCTOBER	0.0	29.7	0.0	3.1	3.4	59.8	92.9	2.8	461.8
NOVEMBER	1.2	30.5	0.0	3.2	7.2	52.9	91.9	3.7	504.0
DECEMBER	14.8	41.8	0.0	4.4	10.7	90.8	158.1	3.8	388.7
TOTAL	149.8	350.7	14.7	35.7	68.5	768.7	1,352.3	48.5	5,962.4

Columns (2-7): USGS provisional data MAX monthly flow (cfs).

Column (8): Total of Columns (2-7).

Columns (9): USGS provisional discharge data (cfs) Station # 10256000, Whitewater at Whitewater above the MWD turnout.

Column (10): Colorado River Accounting and Water Use Report, Arizona, California and Nevada,
<http://www.usbr.gov/lc/region/g4000/wtracct.html>. Actual Water Use 2015. Table of "Diversion From Mainstream-Available Return Flow And Consumptive Use of Such Water Calendar Year 2015 State of California.

**Appendix 2-2: Surface Water Diverter Compliance Documentation
[SUMMARY OF FINAL SUBMITTED VERSION]**

PROGRESS REPORT BY PERMITTEE FOR 2015

Primary Owner: COACHELLA VALLEY WATER DISTRICT
Primary Contact: COACHELLA VALLEY WATER DISTRICT

Date Submitted: 2016-04-07

Application Number: A007483
Permit Number: 007650

Source(s) of Water	POD Parcel Number	County
COLORADO RIVER		Imperial

MAX Direct Diversion Rate: 2000.0 CFS
MAX Collection to Storage: 0.0 AC-FT
Face Value: 1447955.0 AC-FT

Permitted Use(s)	Acres	Direct Diversion Season	Storage Season
Domestic		01/01 to 12/31	
Irrigation	161153.9	01/01 to 12/31	

1. Permit Review	
I have reviewed my water right permit	Yes

2. Compliance with Permit Terms and Conditions	
I am complying with all terms and conditions	Yes
Description of noncompliance with terms and conditions	

3. Changes to the Project	
Intake location has been changed	
Description of intake location changes	
Type of use has changed	
Description of type of use changes	
Place of use has changed	
Description of place of use changes	
Other changes	
Description of other changes	

4-6. Permitted Project Status	
Project Status	Not Complete
6a. Construction work has commenced	Yes
6b. Construction is completed	No
6c. Beneficial uses of water has commenced	Yes
6d. Project will be	

Appendix 2-2: Surface Water Diverter Compliance Documentation

completed within the time period specified in the permit	No
6e. Explanation of work remaining to be done	CVWD's Colorado River delivery system is comprised of the Coachella Branch of the All-American Canal (Coachella Canal - 123 miles), Protective Works (Flood Protection Dikes and Channels), Irrigation Distribution System (Subsurface Pipelines - 485 miles), Terminal Reservoir (Lake Cahuilla) and Groundwater Recharge Facility (Thomas E. Levy Groundwater Replenishment Facility). These facilities require continuing construction, reconstruction and maintenance, and in that sense, the Project is not complete.
6f. Estimated date of completion	12/31/2099

7. Purpose of Use

Other	Groundwater recharge of Indio Subbasin and variable acres of frost protection and heat protection depending on climatic conditions
Fish and Wildlife Protection and/or Enhancement	56 wildlife drinkers and wildlife habitat water supply
Dust Control	varies based on climatic conditions
Irrigation	67500 Acres Mixed Crop Types
Stockwatering	varies based on economic and climatic conditions
Fish Culture	varies based on economic and climatic conditions

8. Amount of Water Diverted and Used

Month	Amount directly diverted (Acre-Feet)	Amount diverted or collected to storage (Acre-Feet)	Amount used (Acre-Feet)
January	0	19891	19891
February	0	22229	22229
March	0	27418	27418
April	0	33116	33116
May	0	32211	32211
June	0	34808	34808
July	0	34087	34087
August	0	39388	39388
September	0	33907	33907
October	0	28344	28344
November	0	29939	29939
December	0	23861	23861
Total	0	359199	359199
Type of Diversion	Diversion to Storage Only		
Comments			

Water Transfers

8e. Water transfered	No
8f. Quantity transfered (Acre-Feet)	
8g. Dates which transfer occurred	/ to /
8h. Transfer approved by	

Water Supply Contracts

8i. Water supply contract	No
---------------------------	----

Appendix 2-2: Surface Water Diverter Compliance Documentation

8j. Contract with	
8k. Other provider	
8l. Contract number	
8m. Source from which contract water was diverted	
8n. Point of diversion same as identified water right	
8o. Amount (Acre-Feet) authorized to divert under this contract	
8p. Amount (Acre-Feet) authorized to be diverted in 2015	
8q. Amount (Acre-Feet) projected for 2016	
8r. Exchange or settlement of prior rights	
8s. All monthly reported diversion claimed under the prior rights	
8t. Amount (Acre-Feet) of reported diversion solely under contract	

9. Maximum Rate of Diversion for each Month

Month	Maximum Rate of Diversion (CFS)
January	324.1
February	401
March	446.7
April	557.5
May	524.8
June	586
July	555.3
August	641.7
September	570.8
October	461.8
November	504
December	388.7

10. Storage

Reservoir name	Spilled this year	Feet below spillway at maximum storage	Completely emptied	Feet below spillway at minimum storage	Method used to measure water level

Conservation of Water

11. Are you now employing water conservation efforts?	Yes
Description of water conservation efforts	Water budget based tiered rates, landscape ordinance, landscape manual, public education, extraordinary agriculture conservation measures, Stage 2 Water Shortage Contingency Plan, and Mandatory Conservation 32% Reduction.
12. Amount of water conserved	

Water Quality and Wastewater Reclamation

13. During the period covered by this Report, did you use reclaimed water from a wastewater treatment facility, water from a desalination facility, or water polluted by waste to a degree which unreasonably affects the water for other beneficial uses?	Yes
14. Amount of reclaimed, desalinated, or polluted water used	

Conjunctive Use of Groundwater and Surface Water

15. During the period covered by this Report, were you using groundwater in lieu of available surface water authorized under your permit?	No
16. Amounts of groundwater used	

Appendix 2-2: Surface Water Diverter Compliance Documentation

Additional Remarks

Attachments		
File Name	Description	Size
Letter to SWRCB-06-27-13.pdf	Letter to SWRCB regarding Permit #7650	47 KB
Water Rights Permits Annual Water Diversions 2015.pdf	Table of Calculations	25 KB

Contact Information of the Person Submitting the Form	
First Name	Ivory
Last Name	Reyburn
Relation to Water Right	Primary Owner of Record
Has read the form and agrees the information in the report is true to the best of his/her knowledge and belief	Yes

Appendix 2-2: Surface Water Diverter Compliance Documentation

COACHELLA VALLEY WATER DISTRICT
 SUMMARY OF MONTHLY FLOWS IN ACRE FEET (AF)
 RIVERS AND CREEKS
 WATER RIGHTS APPLICATIONS A001122, A002922, A007483
 (WATER RIGHTS PERMITS 536, 3011, 7650)

FILE 0642.3
 March 31, 2016

CALENDER YEAR 2015

MONTH (1)	TAHQUITZ CREEK (2)	ANDREAS CANYON CREEK (3)	PALM CANYON CREEK (4)	MURRAY CANYON CREEK (5)	FALLS CREEK (6)	SNOW CREEK (7)	DIVERSIONS FROM CREEKS (8)	DIVERSIONS FROM WHITEWATER RIVER (9)	DIVERSIONS FROM COLORADO RIVER (10)
JANUARY	55.2	85.1	5.4	8.5	20.5	138.8	313.5	116.0	19,891
FEBRUARY	45.5	72.9	13.8	6.7	15.6	146.3	300.8	123.6	22,229
MARCH	76.1	80.4	9.6	7.7	15.2	121.7	310.7	154.7	27,418
APRIL	39.7	62.8	0.2	6.6	9.0	81.0	199.3	264.9	33,116
MAY	38.8	56.6	0.0	6.0	12.9	128.5	242.7	469.6	32,211
JUNE	9.2	28.2	0.0	3.0	6.9	82.1	129.3	233.2	34,808
JULY	0.5	29.7	0.0	3.1	5.2	140.5	178.9	279.8	34,087
AUGUST	0.0	27.7	0.0	2.9	4.2	120.6	155.4	271.3	39,388
SEPTEMBER	0.0	49.1	0.0	2.4	3.8	159.4	214.7	406.9	33,907
OCTOBER	0.0	58.7	0.0	6.2	6.8	118.4	190.1	166.9	28,344
NOVEMBER	2.4	60.4	0.0	6.4	14.3	104.8	188.2	224.7	29,939
DECEMBER	29.3	82.8	0.0	8.7	21.2	179.8	321.7	223.3	23,861
TOTAL	296.6	694.3	29.1	67.9	135.6	1,521.9	2,745.4	2,934.9	359,199

Columns (2-4), (6), (7): USGS provisional data sheets (acre-feet per month).

Column (5): Flows calculated based on factor derived from analysis of drainage areas in Andreas, Palm, and Murray Canyons.

Column (8): Total of Columns (2-7).

Column (9): USGS provisional discharge data (AF) Station # 10256000, Whitewater River at Whitewater above MWD turnout.

Column (10): Colorado River Accounting and Water Use Report, Arizona, California and Nevada,

<http://www.usbr.gov/lc/region/g4000/wtracct.html>. Actual Water Use 2015. Table of "Diversions From Mainstream-Available Return Flow And Consumptive Use of Such Water Calendar Year 2015 State of California.

Appendix 2-2: Surface Water Diverter Compliance Documentation

COACHELLA VALLEY WATER DISTRICT
 SUMMARY OF MONTHLY MAX DIVERSION RATE (CFS)
 RIVERS AND CREEKS
 WATER RIGHTS APPLICATIONS A001122, A002922, A007483
 (WATER RIGHTS PERMITS 536, 3011, 7650)

FILE 0642.3
 March 31, 2016

CALENDER YEAR 2015

MONTH (1)	TAHQUITZ CREEK (2)	ANDREAS CANYON CREEK (3)	PALM CANYON CREEK (4)	MURRAY CANYON CREEK (5)	FALLS CREEK (6)	SNOW CREEK (7)	CREEKS MONTHLY MAX DIV TOTAL (8)	WHITEWATER RIVER MONTHLY MAX DIV TOTAL (9)	COLORADO RIVER MONTHLY MAX DIV TOTAL (10)
JANUARY	27.9	43.0	2.7	4.3	10.4	70.1	154.1	1.9	324.1
FEBRUARY	23.0	36.8	7.0	3.4	7.9	73.9	148.5	2.2	401.0
MARCH	38.5	40.6	4.9	3.9	7.7	61.5	153.1	2.5	446.7
APRIL	20.1	31.7	0.1	3.3	4.5	40.9	97.3	4.5	557.5
MAY	19.6	28.6	0.0	3.0	6.5	64.9	119.6	7.7	524.8
JUNE	4.6	14.2	0.0	1.5	3.5	41.5	63.8	3.8	586.0
JULY	0.2	15.0	0.0	1.6	2.6	70.9	88.8	4.7	555.3
AUGUST	0.0	14.0	0.0	1.5	2.1	60.9	77.0	4.4	641.7
SEPTEMBER	0.0	24.8	0.0	2.6	1.9	80.5	107.2	6.6	570.8
OCTOBER	0.0	29.7	0.0	3.1	3.4	59.8	92.9	2.8	461.8
NOVEMBER	1.2	30.5	0.0	3.2	7.2	52.9	91.9	3.7	504.0
DECEMBER	14.8	41.8	0.0	4.4	10.7	90.8	158.1	3.8	388.7
TOTAL	149.8	350.7	14.7	35.7	68.5	768.7	1,352.3	48.5	5,962.4

Columns (2-7): USGS provisional data MAX monthly flow (cfs).

Column (8): Total of Columns (2-7).

Columns (9): USGS provisional discharge data (cfs) Station # 10256000, Whitewater at Whitewater above the MWD turnout.

Column (10): Colorado River Accounting and Water Use Report, Arizona, California and Nevada,
<http://www.usbr.gov/lc/region/g4000/wtracct.html>. Actual Water Use 2015. Table of "Diversion From Mainstream-Available Return Flow And Consumptive Use of Such Water Calendar Year 2015 State of California.

Appendix 2-2: Surface Water Diverter Compliance Documentation

LAW OFFICES

EARL REDWINE (1894 - 1967)
MAURICE C. SHERRILL (1922 - 1999)
JUSTIN M. MCCARTHY (1926 - 2004)
THOMAS E. BRUYNEEL (1942 - 2006)

REDWINE AND SHERRILL
A Partnership

1950 MARKET STREET
RIVERSIDE, CALIFORNIA 92501-1720
AREA CODE 951
TELEPHONE 684-2520
FAX 684-9583

GERALD D. SHOAF
GERALD W. EAGANS
GILBERT J. GRANITO
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13611 WINTHROPE STREET
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AREA CODE 714
TELEPHONE 832-2256
FAX 832-1719

ROBERT T. ANDERSEN, JR.
DENNIS K. HASTY
M. ELI UNDERWOOD

REPLY TO: Riverside Office

June 27, 2013

Mr. James W. Kassel
Assistant Deputy Director
Division of Water Rights
State Water Resources Control Board
1001 "I" St.
Sacramento, CA 95814

RE: Permit 7650 (Application A007483), Diversion of Water from
Colorado River

Redwine and Sherrill File 300.24.7.5

Dear Mr. Kassel:

This firm is General Counsel to the Coachella Valley Water District (CVWD). Please be advised that CVWD will submit the Annual Use Reports and will continue to pay the permit fees under protest as it has been doing since the inception of the fees. The reason for the payment under protest is described below:

CVWD diverts water from the Colorado River pursuant to a Contract with the United States Federal Government as authorized by Congress in the 1928 Boulder Canyon Project Act. The Colorado River is an interstate stream subject to federal rather than state jurisdiction and, for that reason, it is CVWD's position that the State Water Resources Control Board (State Board) has no jurisdiction over diversions from the Colorado River or the use of water diverted thereby. See California Water Code section 1005.

Nevertheless, as a matter of comity, CVWD historically applied for and received a permit for diversion of Colorado River water from the State Board. CVWD will file the annual use reports electronically and pay the filing fee under protest.

Appendix 2-2: Surface Water Diverter Compliance Documentation


Mr. James W. Kassel
Assistant Deputy Director
Division of Water Rights
State Water Resources Control Board
June 27, 2013
Page 2

CVWD's Colorado River delivery system is comprised of the Coachella Branch of the All-American Canal (Coachella Canal-123 miles), Protective Works (Flood Protection Dikes & Channels), Irrigation Distribution System (Subsurface Pipelines-485 miles), Terminal Reservoir (Lake Cahuilla) and Groundwater Recharge Facility (Thomas E. Levy Groundwater Recharge Facility). These facilities require continuing construction, reconstruction and maintenance and, in that sense, the "Project" is not complete, as is indicated in CVWD's response to Questions 5 and 6 of Part 2 of the Report.

Please feel free to call or email me if you need further information.

Very truly yours,

REDWINE AND SHERRILL

By 
Gerald D. Shoaf

GDS/jd

**Appendix 2-2: Surface Water Diverter Compliance Documentation
[SUMMARY OF FINAL SUBMITTED VERSION]**

PROGRESS REPORT BY PERMITTEE FOR 2015

Primary Owner: COACHELLA VALLEY WATER DISTRICT
Primary Contact: COACHELLA VALLEY WATER DISTRICT

Date Submitted: 2016-04-07

Application Number: A002922
Permit Number: 003011

Source(s) of Water	POD Parcel Number	County
ANDREAS CANYON CREEK		Riverside
FALLS CREEK		Riverside
MURRAY CANYON CREEK		Riverside
PALM CANYON CREEK		Riverside
SNOW CREEK		Riverside
TAHQUITZ CREEK		Riverside
WHITEWATER RIVER		Riverside

MAX Direct Diversion Rate: 0.0 GPD
MAX Collection to Storage: 39000.0 AC-FT
Face Value: 39000.0 AC-FT

Permitted Use(s)	Acres	Direct Diversion Season	Storage Season
Domestic	0.0		01/01 to 12/31
Irrigation	25000.0		01/01 to 12/31

1. Permit Review	
I have reviewed my water right permit	Yes

2. Compliance with Permit Terms and Conditions	
I am complying with all terms and conditions	Yes
Description of noncompliance with terms and conditions	

3. Changes to the Project	
Intake location has been changed	
Description of intake location changes	
Type of use has changed	
Description of type of use changes	
Place of use has changed	
Description of place of use changes	
Other changes	
Description of other changes	

4-6. Permitted Project Status	
Project Status	Not Complete
6a. Construction work has commenced	Yes
6b. Construction is completed	No
6c. Beneficial uses of water has commenced	Yes
6d. Project will be completed within the time period	No

Appendix 2-2: Surface Water Diverter Compliance Documentation

specified in the permit	
6e. Explanation of work remaining to be done	The groundwater replenishment facility ponds are of such nature that routine and continuing construction is needed to repair and build dikes, smooth land, etc. to force water underground.
6f. Estimated date of completion	12/31/2099

7. Purpose of Use

Other	groundwater recharge of Indio Subbasin
-------	--

8. Amount of Water Diverted and Used

Month	Amount directly diverted (Acre-Feet)	Amount diverted or collected to storage (Acre-Feet)	Amount used (Acre-Feet)
January	313.5	0	313.5
February	300.8	0	300.8
March	310.7	0	310.7
April	199.3	0	199.3
May	242.7	0	242.7
June	129.3	0	129.3
July	178.9	0	178.9
August	155.4	0	155.4
September	214.7	0	214.7
October	190.1	0	190.1
November	188.2	0	188.2
December	321.7	0	321.7
Total	2745.3	0	2745.3
Type of Diversion	Direct Diversion Only		
Comments			

Water Transfers

8e. Water transfered	No
8f. Quantity transfered (Acre-Feet)	
8g. Dates which transfer occurred	/ to /
8h. Transfer approved by	

Water Supply Contracts

8i. Water supply contract	No
8j. Contract with	
8k. Other provider	
8l. Contract number	
8m. Source from which contract water was diverted	
8n. Point of diversion same as identified water right	
8o. Amount (Acre-Feet) authorized to divert under this contract	
8p. Amount (Acre-Feet) authorized to be diverted in 2015	
8q. Amount (Acre-Feet) projected for 2016	
8r. Exchange or settlement of prior rights	
8s. All monthly reported diversion claimed under the prior rights	
8t. Amount (Acre-Feet) of reported diversion solely under contract	

9. Maximum Rate of Diversion for each Month**Maximum Rate of Diversion**

Appendix 2-2: Surface Water Diverter Compliance Documentation (CFS)

Month	
January	154.1
February	148.5
March	153.1
April	97.3
May	119.6
June	63.8
July	88.8
August	77
September	107.2
October	92.9
November	91.9
December	158.1

10. Storage

Reservoir name	Spilled this year	Feet below spillway at maximum storage	Completely emptied	Feet below spillway at minimum storage	Method used to measure water level
Indio Subbasin	No	0	No	0	not applicable for groundwater basin

Conservation of Water

11. Are you now employing water conservation efforts?	Yes
Description of water conservation efforts	Water budget based tiered rates, landscape ordinance, landscape manual, public education, extraordinary conservation measures, water waster fines, Stage 2 Water Shortage Contingency Plan, and Mandatory Drought Conservation 32% Reduction.
12. Amount of water conserved	

Water Quality and Wastewater Reclamation

13. During the period covered by this Report, did you use reclaimed water from a wastewater treatment facility, water from a desalination facility, or water polluted by waste to a degree which unreasonably affects the water for other beneficial uses?	Yes
14. Amount of reclaimed, desalinated, or polluted water used	

Conjunctive Use of Groundwater and Surface Water

15. During the period covered by this Report, were you using groundwater in lieu of available surface water authorized under your permit?	No
16. Amounts of groundwater used	

Additional Remarks

--

Attachments

File Name	Description	Size
Water Rights Permits Annual Water Diversions 2015.pdf		25 KB

Contact Information of the Person Submitting the Form

First Name	Ivory
Last Name	Reyburn
	Primary Owner of

Appendix 2-2: Surface Water Diverter Compliance Documentation

Relation to Water Right	Record
Has read the form and agrees the information in the report is true to the best of his/her knowledge and belief	Yes

Appendix 2-2: Surface Water Diverter Compliance Documentation

COACHELLA VALLEY WATER DISTRICT
 SUMMARY OF MONTHLY FLOWS IN ACRE FEET (AF)
 RIVERS AND CREEKS
 WATER RIGHTS APPLICATIONS A001122, A002922, A007483
 (WATER RIGHTS PERMITS 536, 3011, 7650)

FILE 0642.3
 March 31, 2016

CALENDER YEAR 2015

MONTH (1)	TAHQUITZ CREEK (2)	ANDREAS CANYON CREEK (3)	PALM CANYON CREEK (4)	MURRAY CANYON CREEK (5)	FALLS CREEK (6)	SNOW CREEK (7)	DIVERSIONS FROM CREEKS (8)	DIVERSIONS FROM WHITEWATER RIVER (9)	DIVERSIONS FROM COLORADO RIVER (10)
JANUARY	55.2	85.1	5.4	8.5	20.5	138.8	313.5	116.0	19,891
FEBRUARY	45.5	72.9	13.8	6.7	15.6	146.3	300.8	123.6	22,229
MARCH	76.1	80.4	9.6	7.7	15.2	121.7	310.7	154.7	27,418
APRIL	39.7	62.8	0.2	6.6	9.0	81.0	199.3	264.9	33,116
MAY	38.8	56.6	0.0	6.0	12.9	128.5	242.7	469.6	32,211
JUNE	9.2	28.2	0.0	3.0	6.9	82.1	129.3	233.2	34,808
JULY	0.5	29.7	0.0	3.1	5.2	140.5	178.9	279.8	34,087
AUGUST	0.0	27.7	0.0	2.9	4.2	120.6	155.4	271.3	39,388
SEPTEMBER	0.0	49.1	0.0	2.4	3.8	159.4	214.7	406.9	33,907
OCTOBER	0.0	58.7	0.0	6.2	6.8	118.4	190.1	166.9	28,344
NOVEMBER	2.4	60.4	0.0	6.4	14.3	104.8	188.2	224.7	29,939
DECEMBER	29.3	82.8	0.0	8.7	21.2	179.8	321.7	223.3	23,861
TOTAL	296.6	694.3	29.1	67.9	135.6	1,521.9	2,745.4	2,934.9	359,199

Columns (2-4), (6), (7): USGS provisional data sheets (acre-feet per month).

Column (5): Flows calculated based on factor derived from analysis of drainage areas in Andreas, Palm, and Murray Canyons.

Column (8): Total of Columns (2-7).

Column (9): USGS provisional discharge data (AF) Station # 10256000, Whitewater River at Whitewater above MWD turnout.

Column (10): Colorado River Accounting and Water Use Report, Arizona, California and Nevada,

<http://www.usbr.gov/lc/region/g4000/wtracct.html>. Actual Water Use 2015. Table of "Diversions From Mainstream-Available Return Flow And Consumptive Use of Such Water Calendar Year 2015 State of California.

Appendix 2-2: Surface Water Diverter Compliance Documentation

COACHELLA VALLEY WATER DISTRICT
 SUMMARY OF MONTHLY MAX DIVERSION RATE (CFS)
 RIVERS AND CREEKS
 WATER RIGHTS APPLICATIONS A001122, A002922, A007483
 (WATER RIGHTS PERMITS 536, 3011, 7650)

FILE 0642.3
 March 31, 2016

CALENDER YEAR 2015

MONTH (1)	TAHQUITZ CREEK (2)	ANDREAS CANYON CREEK (3)	PALM CANYON CREEK (4)	MURRAY CANYON CREEK (5)	FALLS CREEK (6)	SNOW CREEK (7)	CREEKS MONTHLY MAX DIV TOTAL (8)	WHITWATER RIVER MONTHLY MAX DIV TOTAL (9)	COLORADO RIVER MONTHLY MAX DIV TOTAL (10)
JANUARY	27.9	43.0	2.7	4.3	10.4	70.1	154.1	1.9	324.1
FEBRUARY	23.0	36.8	7.0	3.4	7.9	73.9	148.5	2.2	401.0
MARCH	38.5	40.6	4.9	3.9	7.7	61.5	153.1	2.5	446.7
APRIL	20.1	31.7	0.1	3.3	4.5	40.9	97.3	4.5	557.5
MAY	19.6	28.6	0.0	3.0	6.5	64.9	119.6	7.7	524.8
JUNE	4.6	14.2	0.0	1.5	3.5	41.5	63.8	3.8	586.0
JULY	0.2	15.0	0.0	1.6	2.6	70.9	88.8	4.7	555.3
AUGUST	0.0	14.0	0.0	1.5	2.1	60.9	77.0	4.4	641.7
SEPTEMBER	0.0	24.8	0.0	2.6	1.9	80.5	107.2	6.6	570.8
OCTOBER	0.0	29.7	0.0	3.1	3.4	59.8	92.9	2.8	461.8
NOVEMBER	1.2	30.5	0.0	3.2	7.2	52.9	91.9	3.7	504.0
DECEMBER	14.8	41.8	0.0	4.4	10.7	90.8	158.1	3.8	388.7
TOTAL	149.8	350.7	14.7	35.7	68.5	768.7	1,352.3	48.5	5,962.4

Columns (2-7): USGS provisional data MAX monthly flow (cfs).

Column (8): Total of Columns (2-7).

Columns (9): USGS provisional discharge data (cfs) Station # 10256000, Whitewater at Whitewater above the MWD turnout.

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Attachment 3 consists of the following items:

- ✓ **Work Plan.** The work plan below describes the current status of the Coachella Valley Integrated Regional Water Management (IRWM) Program, and the process that the Coachella Valley IRWM Region (Region) will take to comprehensively update the *2014 Coachella Valley IRWM Plan*.

Proposal Objectives

The proposed work includes efforts to prepare a comprehensive update to the *2014 Coachella Valley IRWM Plan* to fulfill the ultimate goal of preparing and adopting an IRWM Plan that meets the IRWM Plan Standards as detailed in Volume 2, Section II of the *2016 Integrated Regional Water Management Grant Program Guidelines* (2016 IRWM Guidelines). This goal is critical to the Coachella Valley Regional Water Management Group (CVRWWMG), as it will allow the Region to maintain its eligibility for IRWM and other Proposition 1 grant funds. The comprehensive update will include the following components:

1. **Plan Standards:** Updates to ensure compliance with the 2016 IRWM Plan Standards
2. **SWRP:** Preparing components of a stormwater resource plan (SWRP) that will result in an IRWM Plan that also serves as a functionally equivalent SWRP per Senate Bill 985
3. **Governance:** Incorporation of Valley Sanitary District into the CVRWWMG

Given legislative, governance, and other changes that have taken place since 2014, there is a current need to update the *2014 Coachella Valley IRWM Plan*. Through the IRWM Plan preparation process that took place from 2012-2014, the CVRWWMG learned that the IRWM Plan is viewed by stakeholders as a “one stop shop” for regional water resources planning information. Therefore, the proposed comprehensive update to the *2014 Coachella Valley IRWM Plan* will improve the Region’s planning efforts by resulting in a single planning document that includes the most recent water resources issues and information for the Region, and is also easily accessible by stakeholders and the public.

Current Status of IRWM Plan

IRWM Region and Plan Preparation History (2009-2014)

The Coachella Valley IRWM Region has been in existence since 2009, and was approved as an IRWM Region by the California Department of Water Resources (DWR) in the 2009 Region Acceptance Process (RAP). Following DWR’s decision for the RAP, the CVRWWMG, which at the time was comprised of five agencies – Coachella Valley Water District (CVWD), Coachella Water Authority (CWA), Desert Water Agency (DWA), Indio Water Authority (IWA), and Mission Springs Water District (MSWD) – expended local funds to prepare an IRWM Plan so that the Region could apply for Proposition 84-Round 1 Implementation Grant Funding. The Region’s first IRWM Plan was finalized in December 2010, and was subsequently adopted by all five CVRWWMG agencies.

In 2011, the Region was awarded two grants from DWR through the IRWM Program to conduct planning efforts in the Coachella Valley. The first grant funded the *Coachella Valley Disadvantaged Community Outreach Demonstration Program* (DAC Outreach Program). Work for the DAC Outreach Program took place from 2012-2014, and involved DAC outreach and engagement activities that were aimed at determining successful ways to increase DAC involvement in the Coachella Valley IRWM Program. The second grant funded preparation of the *2014 Coachella Valley IRWM Plan*, which updated the 2010 IRWM

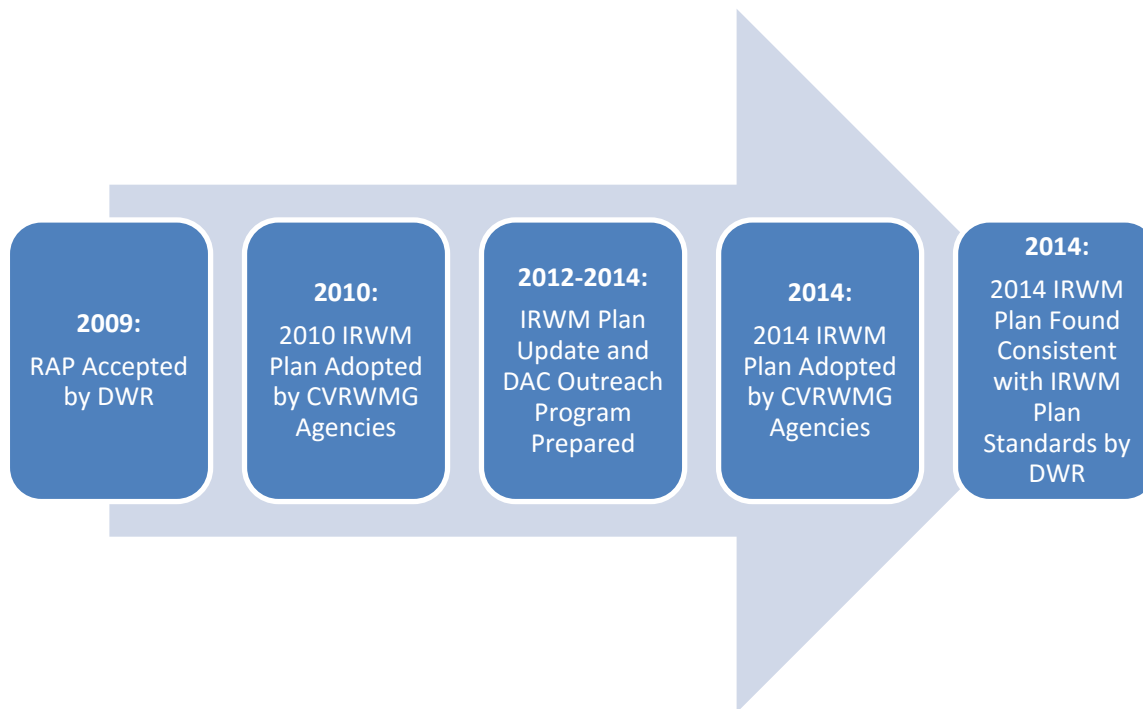


Plan to include special studies and additional requirements associated with the *2012 IRWM Grant Program Guidelines for Propositions 84 and 1E*.

Given the timeline overlap between the DAC Outreach Program and the *2014 Coachella Valley IRWM Plan*, the CVRWMG sought out methods to increase stakeholder involvement in both efforts. Through this experience, the CVRWMG learned that it was most efficient and effective to combine the planning efforts, because stakeholders were familiar with the IRWM Plan and the IRWM Program website, and could more easily access information if all planning documents were consolidated in one place. As such, Volume I of the *2014 Coachella Valley IRWM Plan* includes the IRWM Plan chapters, and the DAC Outreach Program documents were consolidated into “Volume II” of the *2014 Coachella Valley IRWM Plan*. Both volumes of the *2014 Coachella Valley IRWM Plan* were adopted by the CVRWMG, and are available online for access by interested parties. Following CVRWMG adoption of the *2014 Coachella Valley IRWM Plan*, DWR reviewed the IRWM Plan and found that it sufficiently met all 16 IRWM Plan Standards per the 2012 IRWM Program Guidelines.

Figure 3-1 below shows an overview of the timeline of the Coachella Valley IRWM Program from 2009 to 2014.

Figure 3-1: Coachella Valley IRWM Program History – 2009 to 2014



Fundamental to the Coachella Valley IRWM Program, including development of the 2010 and 2014 Coachella Valley IRWM Plans, has been the Planning Partners. The Planning Partners is an advisory body to the CVRWMG that is responsible for providing input and guidance for IRWM Program-related matters. The Planning Partners is a diverse group made up of all interested stakeholders and members of the public in the Coachella Valley, and includes representatives from disadvantaged communities, Tribes, land use agencies, federal government agencies, environmental groups, non-profit organizations, and many other entities interested in water management. As their name suggests, the Planning Partners are partners to the CVRWMG in the IRWM Program, and will continue to be viewed as such moving forward.

Recent Changes Necessitating Updates (2014-Present)

Since the *2014 Coachella Valley IRWM Plan* was completed and adopted, three significant changes have occurred in the IRWM Region, which necessitate the Comprehensive IRWM Plan Update proposed by this



Planning Grant Proposal. Those changes, which are described in more detail below, include: development of 2016 IRWM Plan Standards, passage of Senate Bill 985, and changes to the Coachella Valley IRWM governance structure.

2016 IRWM Plan Standards

The IRWM Plan Standards are used to describe the required components of an IRWM Plan, and are intended to ensure IRWM Plans across the state include certain content. The *2014 Coachella Valley IRWM Plan* was approved by DWR, and is therefore compliant with the 2012 IRWM Plan Standards. For an IRWM Plan to be compliant with the new 2016 IRWM Plan Standards, a plan must be updated to include additions to previous requirements, as well as additional requirements that were not in the 2012 IRWM Plan Standards.

The following list provides all of the Plan Standards required to be addressed in an IRWM Plan:

- Governance
- Region Description
- Objectives
- Resource Management Strategies (RMS)
- Integration
- Project Review Process
- Impact and Benefit
- Plan Performance and Monitoring
- Data Management
- Finance
- Technical Analysis
- Relation to Local Water Planning
- Relation to Local Land Use Planning
- Stakeholder Involvement
- Coordination
- Climate Change

Several updates must be made to the *2014 Coachella Valley IRWM Plan* to ensure consistency with the 2016 IRWM Plan Standards, which will allow the Coachella Valley IRWM Region to maintain its eligibility for Proposition 1 IRWM grant funding. Maintaining eligibility for IRWM grant funding is critical to all stakeholders in the IRWM Region, and in particular to DACs, which have benefitted heavily from IRWM planning and implementation efforts in the Coachella Valley. A list of necessary updates is provided in **Table 3-1**.

Table 3-1: Necessary Updates Associated with 2016 IRWM Plan Standards

IRWM Plan Standard	Necessary Update for Coachella Valley IRWM Plan
Region Description	Additional information on water quality conditions and a discussion to address climate change impacts on the Region.
Objectives	Additional information to address adapting to changes in runoff and recharge, consideration of the effects of climate change sea level rise on water supply conditions and suitable adaptation measures, discussion of reducing energy consumption, consideration of strategies adopted by the California Air Resources Board (CARB) in the Assembly Bill 32 (AB 32) Scoping Plan in evaluating ways to meet objectives, and consideration of options for carbon sequestration and using renewable energy.
Resource Management Strategies	Updates to consider all 2013 California Water Plan (CWP) RMS criteria, and to factor climate change effects into the RMS.
Project Review Process	Additional discussion of a project’s contribution to climate change adaptation, and ability to reduce greenhouse gas (GHG) emissions compared to other project alternatives.



IRWM Plan Standard	Necessary Update for Coachella Valley IRWM Plan
Plan Performance and Monitoring	Addition of specific benefits to critical water issues for Native American Tribal communities, and policies and procedures that promote more adaptive management.
Relation to Local Water Planning	Additional discussion of how the IRWM Plan relates to other planning documents and programs, and incorporation of water management issues and climate change adaptation and mitigation strategies.
Relation to Local Land Use Planning	Addition of text to demonstrate information sharing and collaboration with regional land use planning.
Stakeholder Involvement	Additional detail regarding inclusion of Native American Tribes in the public outreach process.
Climate Change	Additional detail included in the IRWM Region's vulnerabilities to climate change discussion, the discussion considering GHG emissions when choosing project alternatives, the list of prioritized vulnerabilities, and additional discussion to address adapting to changes in runoff and recharge and effects of sea level rise on water supply conditions.

Work associated with updating the *2014 Coachella Valley IRWM Plan* per the 2016 IRWM Plan Standards are described in detail in Category (b) of the Work Plan.

Senate Bill 985

Senate Bill 985 was enacted in 2014 to improve stormwater resources planning across the State of California, including an emphasis on viewing stormwater as a resource rather than a nuisance. The new legislation requires agencies to develop SWRPs in order to be eligible for funding for stormwater management projects under all chapters of Proposition 1, including the IRWM Program. Furthermore, Senate Bill 985 requires that after a SWRP is developed, it must be incorporated into the IRWM Plan(s) for the IRWM Region(s) within which the SWRP lies.

Incorporating provisions of Senate Bill 985 into the Comprehensive IRWM Plan Update will improve the IRWM Plan by providing comprehensive information about regional stormwater resources, as well as identifying opportunities for integration of stormwater with other regional water management elements. Additionally, integration of the SWRP into the Comprehensive IRWM Plan Update will provide a single regional water resources planning document that will be publicly accessible to all regional water managers and interested stakeholders. The Coachella Valley IRWM Program has an extensive public process, and provides stakeholders with access to resources throughout the Region. By integrating the SWRP into the IRWM Plan, the CVRWGM will ensure that a broad range of regional stakeholders will participate in development of the SWRP, and will be able to readily access stormwater management resources.

The Region receives approximately 3 inches of seasonal precipitation per year, on average, and is subject to flash flooding and long duration low pressure system storms that carry large amounts of debris and sediment, reshaping natural flow paths with unpredictable changes in direction. Due to the unique nature of the Region's wet weather events, floodplain management planning is complex, and flooding continues to be an issue in many places throughout the Coachella Valley. Riverside County Flood Control and Water Conservation District (RCFCWCD) and CVWD are the Region's flood control districts, responsible for maintaining a series of debris basins, levees, and stormwater channels that convey floodwaters to the Whitewater River Stormwater Channel/Coachella Valley Stormwater Channel (WRSC/CVSC), which is the backbone of the Region's flood control system.



The flood control system is under-sized in some portions of the Region, including in the eastern Coachella Valley, where a large portion of the DAC population resides. The DAC Outreach Program identified flood control issues in the eastern Coachella Valley as one of the primary water resources-related concerns for local DACs. It is a priority of the CVRWMP to develop a regional SWRP, which will allow stormwater-related projects to be eligible for Proposition 1 grant funding; this is especially important to local DACs that have costly wet weather-related needs associated with flood control.



Flash Flooding in the Eastern Coachella Valley, which Resulted in Property Damage

Local urban drainage facilities and three local wastewater treatment facilities also drain dry weather flows to the WRSC/CVSC, and ultimately to the Salton Sea. Stormwater pollution can pose a serious health risk to people due to pesticides, bacteria, and chemicals being picked up as water drains from streets, parking lots, and lawns, and enters the WRSC/CVSC and the Salton Sea. The WRSC/CVSC is currently listed on the 303(d) List of Water Quality Impaired Segments for DDT, Dieldrin, PCBs, E.Coli, and toxaphene. The Salton Sea, although not located within the Coachella Valley IRWM Region, is also listed on the 303(d) List for water quality impairments.

Given that the Region experiences water supply, flooding, and water quality issues, there is an opportunity to implement multi-benefit stormwater projects that would address multiple issues, and meet statewide goals associated with viewing stormwater as a resource. To date, the IRWM Program has not funded large-scale stormwater detention or reuse projects; however, these types of projects are becoming more important as regional drought conditions and flooding/water quality concerns persist. As such, it is imperative that the Coachella Valley create a SWRP, to both evaluate and understand regional stormwater issues on a regional scale, and also to ensure that local stormwater projects, including those that would benefit local DACs, will be eligible for future rounds of Proposition 1 funding.

Governance Changes

The CVRWMP was established to guide the Coachella Valley IRWM Program in its efforts to coordinate water resources management and to enable the Region to apply for grants through the IRWM Grant Program.

The CVRWMP was originally composed of five members. Following the 2014 Coachella Valley IRWM Plan update, Valley Sanitary District (VSD) requested to be included as a member, and was incorporated into the CVRWMP following a formal process that is established in the CVRWMP Ground Rules. As a member of the CVRWMP, VSD participates in CVRWMP meetings and the collaborative IRWM decision-making process including implementing the IRWM Plan. The addition of VSD to the CVRWMP requires updates throughout the 2014 Coachella Valley IRWM Plan to incorporate this new CVRWMP member into the governance discussions, as well as update information regarding VSD's facilities.



Proposed Work

The following Work Plan provides a detailed description of the tasks necessary to complete a comprehensive update to the *2014 Coachella Valley IRWM Plan* (Comprehensive IRWM Plan Update) to include the following items:

1. Updates to ensure compliance with the 2016 IRWM Plan Standards
2. Preparing stormwater-related components that will result in an IRWM Plan that also serves as a functionally equivalent SWRP per Senate Bill 985
3. Governance additions, including incorporation of VSD into the CVRWMG

As described in Attachment 1, CVWD is the applicant for this proposal, and will be the entity that contracts with DWR to complete work explained herein.

Category (a): Project Administration

Current Status: No project administration work has been completed to-date. Administration for the project will begin in December 2016.

Task 1: Administration

CVWD will respond to DWR's reporting and compliance requirements associated with the grant administration, and will serve as the project manager in conjunction with the other CVRWMG agencies to complete the tasks contained in the grant agreement. This task includes completion of items such as amendments to the agreement (if necessary), and coordination with DWR throughout development of the Comprehensive IRWM Plan Update.

- Percent Complete: 0%
- Deliverables:
 - Executed Grant Agreement

Task 2: Invoicing

CVWD will be responsible for compiling invoices for submittal to DWR. This includes collecting invoice documentation from the CVRWMG and consultant team(s), and compiling the information into a DWR Invoice Packet.

- Percent Complete: 0%
- Deliverables:
 - Invoices and associated backup documentation

Task 3: Reporting

CVWD will be responsible for preparing progress reports detailing work completed during the reporting period as outlined in the Final Grant Agreement; information will be obtained from the CVRWMG and consultant team(s). This task will also involve preparing the draft Final Project Completion Report and submittal of said report to DWR for DWR Project Manager's comment and review within 30 days of project completion. CVWD will also prepare the Final Report addressing DWR comments. The report will be prepared and presented in accordance with the provisions of the Final Grant Agreement.

- Percent Complete: 0%
- Deliverables:
 - Progress Reports
 - Draft and Final Project Completion Report



Category (b): Comprehensive IRWM Plan Update

Current Status: IRWM Plan update tasks have not yet begun. Development of Comprehensive IRWM Plan Update tasks will begin after the final grant agreement has been executed, which is anticipated in February 2017. The tasks within this Work Plan are associated with chapters of the *2014 Coachella Valley IRWM Plan* that need substantial revisions for the Comprehensive IRWM Plan Update. Information within each task explains the specific revisions that are needed for the three IRWM Plan Update components: IRWM Plan Standards Additions, SWRP Additions, and Governance Additions. Task 11 covers all additional updates that are not discussed in Tasks 4-10, such that the CVRWMP can prepare a Comprehensive IRWM Plan Update.

Task 4: Chapter 2 - Region Description

IRWM Plan Standards Additions

Revisions to the Region Description Chapter will include required updates per the 2016 IRWM Plan Standards under the Region Description Standard, including 1) an updated description of water supply contamination including actions taken and actions needed to address contamination issues, and 2) an update to include impacts of climate change on the region.

Additional revisions to the Region Description Chapter will consist of required updates under the Climate Change Standard, including 1) an evaluation of the region's vulnerabilities to climate change and potential adaptation responses based on vulnerabilities assessment contained in the Climate Change Handbook for Regional Water Planning, Section 4 and Appendix B, 2) a determination regarding the feasibility for the CVRWMP to address the list of priority vulnerabilities, 3) a description of how the Region will adapt to changes in the amount, intensity, timing, quality, and variability of runoff and recharge, and 4) effects of sea level rise on regional water supply conditions and identification of suitable adaptation measures.

SWRP Additions

Additions to the Regional Description to incorporate SWRP requirements include additional/revised watershed and habitat/open space mapping, and additional discussion of sub-watersheds and natural watershed processes.

Governance Additions

The CVRWMP member agencies are discussed throughout the Region Description Chapter; as such, information about VSD will be added to the discussion, as necessary. The Region Description identifies the Region's water systems, supplies, and demands. Additional details on VSD's systems, supplies, and demands will be included so that information is provided at the same level of detail as the other CVRWMP agencies.

- Percent Complete: 0%
- Deliverables:
 - Draft Region Description Chapter for the Comprehensive IRWM Plan Update

Task 5: Chapter 6 - Objectives

IRWM Plan Standards Additions

Revisions to the Objectives will include required updates per the 2016 IRWM Plan Standards to address 1) adapting to changes in the amount, intensity, timing, quality, and variability of runoff and recharge, 2) the effects of sea level rise on water supply conditions and suitable adaptation measures, 3) GHG emissions by reducing energy consumption, especially the energy embedded in water use, and to incorporate 4) strategies adopted by CARB in its AB 32 Scoping Plan to meet IRWM Plan objectives, and 5) options for carbon sequestration and using renewable energy to support IRWM Plan objectives.

SWRP Additions

Additions to the Objectives Chapter to incorporate SWRP requirements will provide additional detail to the current flood and stormwater management objectives, as necessary to meet the SWRP requirements.



Furthermore, changes to the existing IRWM Plan Objectives or metrics may be necessary in light of provisions set forth in Senate Bill 985 pertaining to stormwater runoff, capture, and reuse.

Governance Additions

Minor changes may be made to the Objectives Chapter to include or add information pertaining to VSD.

- Percent Complete: 0%
- Deliverables:
 - Draft Objectives Chapter for the Comprehensive IRWM Plan Update

Task 6: Chapter 7 - Stakeholder Involvement

IRWM Plan Standards Additions

Revisions to Stakeholder Involvement will include updates per the 2016 IRWM Plan Standards to note that the CVRWGM recognizes that Native American Tribes are sovereign nations, and as such coordination with Tribes is on a government-to-government basis.

SWRP Additions

Additions to Stakeholder Involvement to incorporate SWRP requirements will include identification of and coordination with agencies and organizations that need to implement their own authorities and mandates to address stormwater and dry weather runoff management objectives of the Plan and identification of nonprofit organizations working on stormwater and dry weather runoff planning or management.

Governance Additions

Revisions or additions will be made to include VSD in discussion pertaining to the CVRWGM members throughout the Stakeholder Involvement Chapter.

- Percent Complete: 0%
- Deliverables:
 - Draft Stakeholder Involvement Chapter for the Comprehensive IRWM Plan Update

Task 7: Chapter 8 - Resource Management Strategies

IRWM Plan Standards Additions

Revisions to the Resource Management Strategies (RMS) Chapter will include required updates per the 2016 IRWM Plan Standards to include 1) identification and incorporation of the 29 California Water Action Plan RMS criteria listed in Table 3 from the CWP Update 2013 as well as Sediment Management, Outreach and Engagement, and Water and Culture also included in the 2013 update, and 2) the effects of climate change to the Region into RMS, reduce GHG emissions through energy consumption, and evaluate RMS and other adaptation strategies by their ability to eliminate or minimize vulnerabilities using vulnerability assessments and tools, such as those provided in the Climate Change Handbook, RMS, and adaptation strategies that address region-specific climate change impacts.

SWRP Additions

Additions to RMS to incorporate SWRP requirements include identifying opportunities to use existing publicly owned lands, as well as incorporating design criteria and best management practices for new developments and redevelopments to prevent stormwater and dry weather pollution, and increase effective stormwater and dry weather runoff management.

Governance Additions

Revisions or additions will be made to include VSD in discussion pertaining to the CVRWGM members throughout the RMS Chapter, in particular efforts aimed at improved resource management.

- Percent Complete: 0%
- Deliverables:
 - Draft RMS Chapter for the Comprehensive IRWM Plan Update



Task 8: Chapter 9 - Project Evaluation and Prioritization

IRWM Plan Standards Additions

Revisions to Project Evaluation and Prioritization will include required updates per the 2016 IRWM Plan Standards to 1) evaluate a project's contribution to climate change adaptation in adapting to identified system vulnerabilities to climate change effects on the region; changes in the amount, intensity, timing, quality and variability of runoff and recharge; and effects of sea level rise on water supply conditions and identify suitable adaptation measures, and 2) consider a project's GHGs reductions compared to alternatives, ability to reduce emissions from new projects implemented over the 20-year planning horizon, and reduce energy consumption.

Additional revisions to the Project Evaluation and Prioritization Chapter to address required updates under the Climate Change Standard will include 1) developing a process that considers GHG emissions when choosing between project alternatives now and as new projects are implemented over a 20-year planning horizon, including consideration of energy efficiency, and reduction of GHGs.

SWRP Additions

Additions to the Project Evaluation and Prioritization Chapter to incorporate SWRP requirements include quantitative methods for water quality, stormwater capture and use, water supply and flood management, and environmental and community benefit project analysis.

Governance Additions

Revisions or additions will be made to include VSD in discussion pertaining to the CVRWGM members throughout the Project Evaluation and Prioritization Chapter, as necessary.

- Percent Complete: 0%
- Deliverables:
 - Draft Project Evaluation and Prioritization Chapter for the Comprehensive IRWM Plan Update

Task 9: Chapter 10 - Agency Coordination

Updates to IRWM Plan Standards

Revisions to Local Water Planning will include required updates per the 2016 IRWM Plan Standards to 1) describe the relation of this plan to other planning documents and programs, in particular stormwater resources plans and Groundwater Sustainability Plans, and 2) incorporate water management issues and climate change adaptation and mitigation strategies from local plans into the IRWM Plan.

Additional revisions to the Agency Coordination Chapter will include required updates under the Climate Change Standard to demonstrate 1) information sharing and collaboration with regional land use planning efforts, adaptation of water management systems to climate change, and efforts to offset climate change impacts to water supply in California.

SWRP Additions

Additions to Agency Coordination to incorporate SWRP requirements include identification of required decisions that must be made by local, state or federal regulatory agencies for implementation and regional monitoring and coordination of the SWRP.

Governance Additions

Revisions or additions will be made throughout the Agency Coordination Chapter to include VSD in discussion pertaining to CVRWGM members, in particular, discussion of local water and land use planning activities, and individual planning efforts.

- Percent Complete: 0%
- Deliverables:
 - Draft Agency Coordination Chapter for the Comprehensive IRWM Plan Update



Task 10: Chapter 11 – Framework for Implementation

Updates to IRWM Plan Standards

Revisions to the Framework for Implementation Chapter will consist of required updates per the 2016 IRWM Plan Standards to include 1) benefits to critical water issues for Native American Tribal communities, and 2) policies and procedures that promote adaptive management and adjust IRWM Plans accordingly as more effects of Climate Change manifest, new tools are developed, and new information becomes available.

SWRP Additions

Additions to Framework for Implementation to incorporate SWRP requirements include identification of projects and programs to ensure effective implementation of the SWRP, and a detailed description of the SWRP implementation strategy.

Governance Additions

Revisions or additions will be made to include VSD in discussion pertaining to CVRWGMG members throughout the Framework for Implementation Chapter, as necessary.

- Percent Complete: 0%
- Deliverables:
 - Draft Framework for Implementation Chapter for the Comprehensive IRWM Plan Update

Task 11: Comprehensive IRWM Plan Update

After review and approval of the individual IRWM Plan chapters (see Tasks 4-10), an Administrative Draft Comprehensive IRWM Plan Update will be prepared for review and approval by the CVRWGMG. Once consensus has been reached by the CVRWGMG regarding edits to the Plan, a Public Draft Comprehensive IRWM Plan Update will be prepared for review by the CVRWGMG, Planning Partners, and other regional stakeholders. The Public Draft Comprehensive IRWM Plan Update will include updated information for each chapter of the IRWM Plan, including potential minor updates to the chapters not mentioned in the previous tasks, such as the Introduction Chapter.

Based on comments received during the public comment period, a Final Comprehensive IRWM Plan Update will be prepared that incorporates input from the CVRWGMG, the Planning Partners, other regional stakeholders, and the public. Following one round of revisions based on final comments, the Final Comprehensive IRWM Plan Update will be prepared and presented to the CVRWGMG governing bodies. All six CVRWGMG agencies and local project sponsors will adopt the Final Comprehensive IRWM Plan Update per deadlines required by DWR.

- Percent Complete: 0%
- Deliverables:
 - Proof of Public Notices
 - Administrative Draft Comprehensive IRWM Plan Update
 - Public Draft Comprehensive IRWM Plan Update
 - Final Comprehensive IRWM Plan Update

Category (c): IRWM Plan Outreach

Current Status: Outreach tasks associated with the Comprehensive IRWM Plan Update have not yet begun. Outreach will begin with Category (b) activities associated with the Comprehensive IRWM Plan Update.

Task 12: IRWM Plan Update Outreach

The CVRWGMG will continue to implement the Region's extensive stakeholder outreach program. At the outset of the grant contract, the CVRWGMG will convene with the consultant(s) to develop a Public Outreach Plan. This plan will guide outreach activities through development of the Comprehensive IRWM Plan Update.



The CVRWMG manages and maintains a website (www.cvrwmg.org) to provide the public with information on the Region, news updates, and additional water management resources. The Comprehensive IRWM Plan Update will be advertised on the website, as well as through the existing stakeholder communication list, to inform interested parties about public meetings and workshops related to the Comprehensive IRWM Plan Update. The CVRWMG website will provide regional stakeholders with dates and times of the public meetings and additional resources for coordinating and providing input on the plan update. The CVRWMG will use other media to advertise public meetings and workshops to encourage public participation, such as email notifications and direct calls to stakeholders.

Through previous efforts to identify Coachella Valley DACs, the CVRWMG established and maintains a DAC stakeholder list. Email notifications and telephone calls targeting DACs and Economically Distressed Areas (EDAs) will encourage participation in public workshops and development of the Comprehensive IRWM Plan Update. The CVRWMG maintains relationships with non-profit organizations that represent DACs, EDAs, and other underrepresented communities. Outreach may also occur through these organizations to encourage DACs, EDAs, and other underrepresented communities to participate in the collaborative Comprehensive IRWM Plan Update process.

- Percent Complete: 0%
- Deliverables:
 - Public Outreach Plan
 - Outreach flyers and other outreach materials, as necessary
 - Email notifications

Task 13: IRWM Plan Update Meetings

The CVRWMG holds quarterly Planning Partners meetings to coordinate with regional stakeholders in the IRWM decision-making process. These meetings, which are generally held in March, June, September, and December, will continue to be held throughout the development of the Comprehensive IRWM Plan Update. The Comprehensive IRWM Plan Update will be included as a topic during each meeting, and stakeholders will be able to provide input on specific components of the IRWM Plan, with specific emphasis on Objectives and Project Evaluation and Prioritization.

Planning Partner meetings will be generally be held quarterly, for a total of 8 meetings during the two-year Comprehensive IRWM Plan Update timeframe. An additional public workshop will be held during the public review period for the Comprehensive IRWM Plan Update, which will be directed at members of the public through public noticing per Government Code §6066.

The CVRWMG has met on a monthly basis since approximately 2010, and will continue to do so during development of the Comprehensive IRWM Plan Update. These regular meetings are not included in the overall budget for this Planning Grant, because they will continue to be held and paid for by the CVRWMG.

- Percent Complete: 0%
- Deliverables:
 - Agendas and presentations for up to eight (8) Planning Partners Meetings
 - Agendas and presentations for up to one (1) Public Workshop



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Attachment 4 consists of the following items:

- ✓ **Budget.** The proposal budget provides a budget estimate for each Work Plan task, as well as a breakdown of the proposed funding match and requested grant funds.

Introduction

This attachment includes a roll-up budget of the entire Proposal consistent with Table B of the *2016 Planning Grant Proposal Solicitation Package*, along with costs at the task level. Justification for these costs are provided by task in the sections below. The tasks and information provided are consistent with task-related information provided in *Attachment 3 Work Plan* and *Attachment 5 Schedule*.

Proposal Budget Summary

The proposal budget summary provides a roll-up budget estimate for each budget category included in the Proposal, as well as a breakdown of the proposed funding match and requested grant funds for each category.

The Coachella Valley Regional Water Management Group (CVRWMG) is requesting a funding match waiver that is proportional to the disadvantaged community (DAC) population in the Coachella Valley (see Attachment 6). According to the most recent U.S. Census numbers, the DAC population in the Coachella Valley is 195,662 and the total population is 427,889 – as such, the DAC population represents approximately 46% of the overall population in the Coachella Valley. Therefore, the standard total match requirement of 50% would be reduced by 46% to account for the DAC waiver (see math and match calculation at the bottom of **Table 4-2**). In turn, work associated with outreach (refer to Category C) would ensure that DAC outreach and involvement is emphasized during development of the Comprehensive IRWM Plan Update, which would ensure that the proposal directly benefits and involves DACs.

The funding match for the project is comprised of the following non-State funds:

1. In-kind staff labor from the Coachella Valley Water District (CVWD) for grant administration.
2. Additional funding match from the six CVRWMG members for consultant fees to prepare the Comprehensive IRWM Plan Update.

Table 4-1 includes the Proposal Budget Summary consistent with Table B of the *2016 PSP*. The budget presented within this Proposal is based upon a draft proposal that was prepared by a consultant and provided to the CVRWMG in September 2016.



Table 4-1: Proposal Budget Summary

Budget				
Budget Category	Local Cost Share	Requested Grant Share	Total	% Funding Match
Category (a): Project Administration	\$12,000	\$22,880	\$34,880	34%
Category (b): Comprehensive IRWM Plan Update	\$0	\$167,404	\$167,404	0%
Category (c): IRWM Plan Outreach	\$66,404	\$21,698	\$88,102	75%
GRAND TOTAL	\$78,404	\$211,982	\$290,386	27%

Table 4-2 provides the line-item budget for each task in the Proposal. Total budgets are comprised of the local cost share and the requested grant share.

Table 4-2: Proposed Planning Grant Budget

Budget Category	Local Cost Share	Requested Grant Share	Total	% Funding Match
Category (a): Project Administration	\$12,000	\$22,880	\$34,880	34%
Task 1: Administration	\$2,400	\$0	\$2,400	100%
Task 2: Invoicing	\$4,800	\$11,440	\$16,240	30%
Task 3: Reporting	\$4,800	\$11,440	\$16,240	30%
Category (b): Comprehensive IRWM Plan Update	\$0	\$167,404	\$167,404	0%
Task 4: Chapter 2 - Region Description	\$0	\$23,896	\$23,896	0%
Task 5: Chapter 6 - Objectives	\$0	\$21,820	\$21,820	0%
Task 6: Chapter 7 - Stakeholder Involvement	\$0	\$21,024	\$21,024	0%
Task 7: Chapter 8 - Resource Management Strategies	\$0	\$14,624	\$14,624	0%
Task 8: Chapter 9 - Project Evaluation and Prioritization	\$0	\$29,680	\$29,680	0%
Task 9: Chapter 10 - Agency Coordination	\$0	\$14,624	\$14,624	0%
Task 10: Chapter 11 - Framework for Implementation	\$0	\$21,024	\$21,024	0%
Task 11: Comprehensive IRWM Plan Update	\$0	\$20,712	\$20,712	0%
Category (c): IRWM Plan Outreach	\$66,404	\$21,698	\$88,102	75%
Task 12: IRWM Plan Update Outreach	\$19,028	\$0	\$19,028	100%
Task 13: IRWM Plan Update Meetings	\$47,376	\$21,698	\$69,074	69%
PROPOSAL TOTAL	\$78,404	\$211,982	\$290,386	27%
Standard 50% Cost Share	\$145,193			
Revised Funding Match to Account for DAC Population	\$145,193 - (\$145,193 x 46%) = \$78,404			
DAC Funding Match Waiver	\$145,193-\$78,404 = \$66,789			



Proposed Work

Category (a): Project Administration

Category (a) involves grant administration tasks by CVWD, CVRWGM member agencies' staff, and consultants.

Task 1: Administration

Grant administration includes the preparation of the grant agreement between the grantee (CVWD) and DWR, and submittal of all grant agreement materials to DWR by CVWD. Cost break down for this task is provided in **Table 4-3**. The cost is calculated as the level of effort to execute the grant agreement with DWR and complete other administrative work based on CVWD's experience in previous rounds of IRWM funding. The Grant Manager requires a total of 24 hours for grant administration. This includes time to coordinate with DWR and execute grant agreement requirements.

Total costs for Task 1 are \$2,400, which will be fully covered by in-kind staff labor. Grant funds are not being requested for activities under Task 1, and the \$2,400 in-kind staff labor costs will be applied to CVWD's local cost share.

Table 4-3: Task 1 Costs for Administration

Discipline / Activity	Hourly Rate	Number of Hours	Total Cost
Task 1: Administration			\$2,400
<i>CVRWGM Hours</i>			
Grant Manager	\$100	24	\$2,400

Task 2: Invoicing

Costs associated with invoicing include CVWD's time to collect invoices and documentation from the CVRWGM and consultant team(s), and compile and submit invoice packets to DWR on a quarterly basis. The cost break down for this task is provided in **Table 4-4**. Based on CVWD's experience with past IRWM grants, the Grant Manager will require 48 hours and the consultant team(s) will require 60 hours to successfully meet invoicing requirements. The grant will be administered for two years, and invoices will be submitted to DWR as required by the final grant agreement.

The total cost for Task 2 is \$16,240. CVWD labor would contribute to the funding match, while the anticipated consultant costs of \$11,440 are being requested as grant funding.

Table 4-4: Task 2 Costs for Invoicing

Discipline / Activity	Hourly Rate	Number of Hours	Total Cost
Task 2: Invoicing			\$16,240
<i>CVRWGM Hours</i>			
Grant Manager	\$100	48	\$4,800
<i>Consultant Hours</i>			
Principal	\$242	16	\$3,872
Project Manager	\$199	32	\$6,368
Administrator	\$100	12	\$1,200

Task 3: Reporting

Cost break down for preparation of quarterly progress reports and one (1) project completion report is provided in **Table 4-5**. Based on past grant administration experience, the Grant Manager will require 48 hours and the consultant team(s) will require 60 hours to develop and submit progress reports to DWR and to prepare and present the Final Project Completion Report.



The total cost for Task 3 is \$16,240, which includes \$4,800 in in-kind staff labor contributing to local match. Grant funds are being requested for the remainder of reporting costs of \$11,440.

Table 4-5: Task 3 Costs for Reporting

Discipline / Activity	Hourly Rate	Number of Hours	Total Cost
Task 3: Reporting			\$16,240
<i>CVRWWMG Hours</i>			
Grant Manager	\$100	48	\$4,800
<i>Consultant Hours</i>			
Principal	\$242	16	\$3,872
Project Manager	\$199	32	\$6,368
Administrator	\$100	12	\$1,200

Category (b): Comprehensive IRWM Plan Update

Category (b) includes costs associated with developing and incorporating a Comprehensive IRWM Plan Update. The tasks under Category (b) will be undertaken by a consultant team(s), whose draft budget was used to develop the costs presented herein. All costs included within this budget category are being requested as grant funding. Hours to complete each task vary depending on the extent of updates needed within that particular chapter.

Task 4: Chapter 2 - Region Description

Activities conducted under Task 4 include developing and incorporating updates to *Chapter 2 Region Description* of the Comprehensive IRWM Plan Update to ensure compliance with the 2016 IRWM Guidelines, to incorporate a functionally equivalent SWRP, and to include CVRWWMG governance changes. Cost breakdown for preparation of updates to the Region Description of the IRWM Plan include a total of 134 hours for the consultant team(s).

The total cost for Task 4 is \$23,896, of which 100% is being requested as grant funding. A breakdown of the consultant labor for Task 4 is shown below in **Table 4-6**.

Table 4-6: Task 4 Costs for Region Description

Discipline / Activity	Hourly Rate	Number of Hours	Total Cost
Task 4: Chapter 2 – Region Description			\$23,896
<i>Consultant Hours</i>			
Principal	\$242	8	\$1,936
Project Manager	\$199	24	\$4,776
Project Planner	\$160	88	\$14,080
Technical Reviewer	\$242	12	\$2,904
Administrator	\$100	2	\$200

Task 5: Chapter 6 – Objectives

Activities conducted under Task 5 include developing and incorporating updates to *Chapter 6 Objectives* of the Comprehensive IRWM Plan Update to ensure compliance with the 2016 IRWM Guidelines, to incorporate a functionally equivalent SWRP, and to include CVRWWMG governance changes. Cost breakdown for preparation of updates to the IRWM Plan Objectives include a total of 122 hours for the consultant team(s).

The total cost for Task 5 is \$21,820, of which 100% is being requested as grant funding. A breakdown of the consultant labor for Task 5 is shown below in **Table 4-7**.



Table 4-7: Task 5 Costs for Objectives

Discipline / Activity	Hourly Rate	Number of Hours	Total Cost
Task 5: Chapter 6 – Objectives			\$21,820
<i>Consultant Hours</i>			
Principal	\$242	8	\$1,936
Project Manager	\$199	20	\$3,980
Project Planner	\$160	80	\$12,800
Technical Reviewer	\$242	12	\$2,904
Administrator	\$100	2	\$200

Task 6: Chapter 7 - Stakeholder Involvement

Activities conducted under Task 6 include developing and incorporating updates to *Chapter 7 Stakeholder Involvement* of the Comprehensive IRWM Plan Update to ensure compliance with the *2016 Guidelines*, to incorporate a functionally equivalent SWRP, and to include CVRWGM governance changes. Cost breakdown for preparation of updates to the IRWM Plan Stakeholder Involvement includes a total of 118 hours for the consultant team(s).

The total cost for Task 6 is \$21,024, of which 100% is being requested as grant funding. A breakdown of the consultant labor for Task 6 is shown below in **Table 4-8**.

Table 4-8: Task 6 Costs for Stakeholder Involvement

Discipline / Activity	Hourly Rate	Number of Hours	Total Cost
Task 6: Chapter 7 – Stakeholder Involvement			\$21,024
<i>Consultant Hours</i>			
Principal	\$242	8	\$1,936
Project Manager	\$199	16	\$3,184
Project Planner	\$160	80	\$12,800
Technical Reviewer	\$242	12	\$2,904
Administrator	\$100	2	\$200

Task 7: Chapter 8 - Resource Management Strategies

Activities conducted under Task 7 include developing and incorporating updates to *Chapter 8 Resource Management Strategies* of the Comprehensive IRWM Plan Update to ensure compliance with the *2016 Guidelines*, to incorporate a functionally equivalent SWRP, and to include CVRWGM governance changes. Cost breakdown for preparation of updates to the IRWM Plan Resources Management Strategies includes a total of 78 hours for the consultant team(s).

The total cost for Task 7 is \$14,624, of which 100% is being requested as grant funding. A breakdown of the consultant labor for Task 7 is shown below in **Table 4-9**.

Table 4-9: Task 7 Costs for Resource Management Strategies

Discipline / Activity	Hourly Rate	Number of Hours	Total Cost
Task 7: Chapter 8 – Resource Management Strategies			\$14,624
<i>Consultant Hours</i>			
Principal	\$242	8	\$1,936
Project Manager	\$199	16	\$3,184
Project Planner	\$160	40	\$6,400
Technical Reviewer	\$242	12	\$2,904
Administrator	\$100	2	\$200



Task 8: Chapter 9 - Project Evaluation and Prioritization

Activities conducted under Task 8 include developing and incorporating updates to *Chapter 9 Project Evaluation and Prioritization* of the Comprehensive IRWM Plan Update to ensure compliance with the *2016 Guidelines*, to incorporate a functionally equivalent SWRP, and to include CVRWGM governance changes. Cost breakdown for preparation of updates to the IRWM Plan Project Evaluation and Prioritization includes a total of 160 hours for the consultant team(s).

The total cost for Task 8 is \$29,680, of which 100% is being requested as grant funding. A breakdown of the consultant labor for Task 8 is shown below in **Table 4-10**.

Table 4-10: Task 8 Costs for Project Evaluation and Prioritization

Discipline / Activity	Hourly Rate	Number of Hours	Total Cost
Task 8: Chapter 9 – Project Evaluation and Prioritization			\$29,680
<i>Consultant Hours</i>			
Principal	\$242	24	\$5,808
Project Manager	\$199	32	\$6,368
Project Planner	\$160	90	\$14,400
Technical Reviewer	\$242	12	\$2,904
Administrator	\$100	2	\$200

Task 9: Chapter 10 - Agency Coordination

Activities conducted under Task 9 include developing and incorporating updates to *Chapter 10 Agency Coordination* of the Comprehensive IRWM Plan Update to ensure compliance with the *2016 Guidelines*, to incorporate a functionally equivalent SWRP, and to include CVRWGM governance changes. Cost breakdown for preparation of updates to the IRWM Plan Agency Coordination includes a total of 78 hours for the consultant team(s).

The total cost for Task 9 is \$14,624, of which 100% is being requested as grant funding. A breakdown of the consultant labor for Task 9 is shown below in **Table 4-11**.

Table 4-11: Task 9 Costs for Agency Coordination

Discipline / Activity	Hourly Rate	Number of Hours	Total Cost
Task 9: Chapter 10 – Agency Coordination			\$14,624
<i>Consultant Hours</i>			
Principal	\$242	8	\$1,936
Project Manager	\$199	16	\$3,184
Project Planner	\$160	40	\$6,400
Technical Reviewer	\$242	12	\$2,904
Administrator	\$100	2	\$200

Task 10: Chapter 11 - Framework for Implementation

Activities conducted under Task 10 include developing and incorporating updates to *Chapter 11 Framework for Implementation* of the Comprehensive IRWM Plan Update to ensure compliance with the *2016 Guidelines*, to incorporate a functionally equivalent SWRP, and to include CVRWGM governance changes. Cost breakdown for preparation of updates to the IRWM Plan Framework for Implementation includes a total of 118 hours for the consultant team(s).

The total cost for Task 10 is \$21,024, of which 100% is being requested as grant funding. A breakdown of the consultant labor for Task 10 is shown below in **Table 4-12**.



Table 4-12: Task 10 Costs for Framework for Implementation

Discipline / Activity	Hourly Rate	Number of Hours	Total Cost
Task 10: Chapter 11 – Framework for Implementation			\$21,024
<i>Consultant Hours</i>			
Principal	\$242	8	\$1,936
Project Manager	\$199	16	\$3,184
Project Planner	\$160	80	\$12,800
Technical Reviewer	\$242	12	\$2,904
Administrator	\$100	2	\$200

Task 11: Comprehensive IRWM Plan Update

Activities conducted under Task 11 include updating additional chapters and preparing an Administrative Draft of the Comprehensive IRWM Plan Update. Work also includes making updates to the Administrative Draft IRWM Plan, preparing a Public Draft IRWM Plan, and a Final IRWM Plan. Cost breakdown for preparation of the Comprehensive IRWM Plan Update includes a total of 106 hours for the consultant team(s).

The total cost for Task 11 is \$20,712, of which 100% is being requested as grant funding. A breakdown of the consultant labor for Task 11 is shown below in **Table 4-13**.

Table 4-13: Task 11 Costs for Comprehensive IRWM Plan Update

Discipline / Activity	Hourly Rate	Number of Hours	Total Cost
Task 11: Comprehensive IRWM Plan Update			\$20,712
<i>Consultant Hours</i>			
Principal	\$242	16	\$3,872
Project Manager	\$199	32	\$6,368
Project Planner	\$160	40	\$6,400
Technical Reviewer	\$242	16	\$3,872
Administrator	\$100	2	\$200

Category (c): IRWM Plan Outreach

Category (c) includes costs associated with outreach efforts. The tasks under Category (c) will be undertaken by the consultant team(s), whose draft budget was used to develop the costs presented here. Costs are also based upon CVRWGM and consultant experience conducting outreach efforts for the Coachella Valley IRWM Program. Consultant fees would be paid for in part by the grant request, and in part by the CVRWGM agencies.

Task 12: IRWM Plan Update Outreach

Activities conducted under Task 12 include preparing outreach materials, and completing email and phone communications with stakeholders. Costs are anticipated to include a total of 104 hours for the consultant team(s).

The total cost for Task 12 is \$19,028, of which 100% would be paid for by the CVRWGM agencies as part of the local funding match. A breakdown of the consultant labor for Task 12 is shown below in **Table 4-14**.



Table 4-14: Task 12 Costs for IRWM Plan Update Outreach

Discipline / Activity	Hourly Rate	Number of Hours	Total Cost
Task 12: IRWM Plan Update Outreach			\$19,028
<i>Consultant Hours</i>			
Principal	\$242	12	\$2,904
Project Manager	\$199	36	\$7,164
Project Planner	\$160	56	\$8,960

Task 13: IRWM Plan Update Meetings

Activities conducted under Task 13 include conducting regular Planning Partners meetings and holding one public workshop. Costs are anticipated to include a total of 368 hours for the consultant team(s). These costs are associated with time required to prepare materials for meetings, facilitate and attend all outreach meetings, and follow-up with stakeholders as-needed to ensure comments are received during public review periods. The emphasis for these meetings is to ensure that DACs are involved in development of the Comprehensive IRWM Plan Update, and therefore directly benefit from the project.

The total cost for Task 13 is \$69,074, of which 69% would be paid for by the CVRWMP as local match, and the remainder is being requested as grant funding. A breakdown of the consultant labor for Task 13 is shown below in **Table 4-15**.

Table 4-15: Task 13 Costs for IRWM Plan Update Meetings

Discipline / Activity	Hourly Rate	Number of Hours	Total Cost
Task 13: IRWM Plan Update Meetings			\$69,074
<i>Consultant Hours</i>			
Principal	\$242	60	\$14,520
Project Manager	\$199	110	\$21,890
Project Planner	\$160	186	\$29,760
Technical Reviewer	\$242	12	\$2,904

Attachment 5 consists of the following items:

- ✓ **Schedule.** The proposal schedule provides a timeline for each Work Plan task. Work will begin by December 2, 2016, and will be completed before December 2, 2018.
-

Introduction

The enclosed proposal schedule provides a timeline for each Work Plan task, consistent with the Work Plan (refer to Attachment 3) and Budget (refer to Attachment 4). As explained in detail in Attachment 3, the ultimate deliverable that will be funded by the requested 2016 IRWM Planning Grant will be a comprehensive update to the *2014 Coachella Valley IRWM Plan*, which will include: updates to the 2016 IRWM Plan Standards, stormwater resources plan additions, and governance additions. It is assumed that the grant will be awarded on December 2, 2016, and that administration-related work will begin immediately. It is assumed that the Comprehensive IRWM Plan Update will be completed by the end of October, 2018 such that CVWD can complete final grant-related invoicing and reporting by the end of November, 2018 and ensure project completion before December 2, 2018.

On the following page is a Gantt chart that demonstrates the overall schedule. The subsequent pages provide an additional backup description that demonstrates how the schedule is realistic, reasonable, and accomplishable for the tasks included in the Work Plan.

Coachella Valley Integrated Regional Water Management Region
Comprehensive IRWM Plan Update Schedule

ID	Task Name	Start	Finish	Duration	2017												2018												2019					
					O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S		O	N	D	J	
1	Coachella Valley: Comprehensive IRWM Plan Update	Fri 12/2/16	Fri 11/30/18	505 days	[Summary bar]																													
2	Budget Category (a) Project Administration	Fri 12/2/16	Fri 11/30/18	505 days	[Summary bar]																													
3	Task 1: Administration	Fri 12/2/16	Fri 11/30/18	505 days	[Summary bar]																													
4	Grant Award	Fri 12/2/16	Fri 12/2/16	0 days	[Milestone diamond at 12/2]																													
5	Grant Execution	Mon 2/27/17	Mon 2/27/17	0 days	[Milestone diamond at 2/27]																													
6	Administration	Fri 12/2/16	Fri 11/30/18	505 days	[Task bar]																													
7	Task 2: Invoicing	Mon 4/3/17	Fri 11/30/18	421 days	[Task bar]																													
8	Task 3: Reporting	Mon 4/3/17	Fri 11/30/18	421 days	[Task bar]																													
9	Quarterly Reports	Mon 4/3/17	Tue 10/30/18	400 days	[Task bar]																													
10	Final Project Completion Report	Wed 10/31/18	Fri 11/30/18	21 days	[Task bar]																													
11	Budget Category (b) Comprehensive IRWM Plan Update	Fri 3/31/17	Tue 10/30/18	401 days	[Summary bar]																													
12	Task 4: Chapter 2 - Region Description	Fri 3/31/17	Thu 5/25/17	40 days	[Task bar]																													
13	Task 5: Chapter 6 - Objectives	Fri 5/26/17	Mon 7/24/17	40 days	[Task bar]																													
14	Task 6: Chapter 7 - Stakeholder Involvement	Tue 7/25/17	Tue 9/19/17	40 days	[Task bar]																													
15	Task 7: Chapter 8 - Resource Management Strategies	Wed 9/20/17	Tue 11/14/17	40 days	[Task bar]																													
16	Task 8: Chapter 9 - Project Evaluation and Prioritization	Wed 11/15/17	Tue 2/13/18	60 days	[Task bar]																													
17	Task 9: Chapter 10 - Agency Coordination	Wed 2/14/18	Wed 3/14/18	20 days	[Task bar]																													
18	Task 10: Chapter 11 - Framework for Implementation	Thu 3/15/18	Wed 5/9/18	40 days	[Task bar]																													
19	Task 11: Comprehensive IRWM Plan Update	Thu 5/10/18	Tue 10/30/18	121 days	[Task bar]																													
20	<i>Administrative Draft IRWM Plan Update</i>	Thu 5/10/18	Thu 6/21/18	30 days	[Task bar]																													
21	<i>CVRWVG Review and Comment</i>	Fri 6/22/18	Fri 7/20/18	20 days	[Task bar]																													
22	<i>Public Draft IRWM Plan Update</i>	Mon 7/23/18	Fri 8/17/18	20 days	[Task bar]																													
23	<i>Public Draft Review Period</i>	Mon 8/20/18	Mon 10/1/18	30 days	[Task bar]																													
24	<i>Final IRWM Plan Update</i>	Tue 10/2/18	Tue 10/30/18	21 days	[Task bar]																													
25	Budget Category (c) IRWM Plan Outreach	Tue 2/28/17	Tue 10/2/18	404 days	[Summary bar]																													
26	Task 12: IRWM Plan Update Outreach	Tue 2/28/17	Tue 10/2/18	404 days	[Task bar]																													
27	Task 13: IRWM Plan Update Meetings	Tue 2/28/17	Tue 10/2/18	404 days	[Task bar]																													
28	<i>Planning Partners Meetings</i>	Tue 2/28/17	Tue 10/2/18	404 days	[Task bar]																													
29	<i>IRWM Plan Update Public Workshop</i>	Fri 8/31/18	Fri 8/31/18	0 days	[Milestone diamond at 8/31]																													

Project: CV Planning Grant Sch
Date: Thu 9/22/16

Task [blue bar] Milestone [diamond] Summary [bracket]



Proposal Schedule

Category (a): Project Administration

Category (a) Project Administration includes three tasks, all related to administration of the grant, and would span the entire lifespan of the grant contract.

Task 1: Administration

Grant administration is expected to begin upon the grant award date, which is assumed to be December 2, 2016. The majority of work under this task would occur during the first few months after the grant is awarded, during which time CVWD would provide materials to DWR that are necessary to execute the grant agreement. In addition, this task would include additional grant administration-related tasks, such as amendments to the agreement, and would therefore span the entire two-year duration of the project. This task would be completed upon completion of the Final Project Completion Report (see Task 3), and would therefore end in November 2018.

Task 2: Invoicing

Invoicing from the CVRWMG and its consultants would begin approximately one month after execution of the grant contract (refer to Task 1), and would continue to occur on a quarterly basis. It is anticipated that CVWD would work with the CVRWMG and consultants to obtain invoicing-related information throughout completion of the IRWM Plan Update. Therefore, Task 2 would end in November 2018.

Task 3: Reporting

Quarterly reports would be compiled by CVWD and submitted to DWR on a quarterly basis. Quarterly reports would be submitted concurrently with invoices (see Task 2). It is anticipated that the Final Project Completion Report would be prepared and submitted to DWR in November 2018 after work on the Comprehensive IRWM Plan Update has been completed (see Task 11). Based on previous experience that CVWD has related to grant administration, it is reasonable that the Final Completion Report would take approximately one month to complete, which would ensure that the project would be completed before December 2, 2018.

Category (b): Comprehensive IRWM Plan Update

Category (b) includes the work necessary to update the IRWM Plan to meet 2016 IRWM Plan Standards, incorporate the Stormwater Resources Plan (SWRP) into the IRWM Plan, and update governance information as described in Attachment 3. This work would begin approximately one month after the grant is executed, and would extend through finalization of the Comprehensive IRWM Plan Update in October 2018. This schedule is based upon the two-year schedule that the CVRWMG implemented to prepare the *2014 Coachella Valley IRWM Plan*, and is therefore reasonable based upon previous work that was completed by the CVRWMG and funded by an IRWM Planning Grant.

Task 4: Chapter 2 - Region Description

Updates to the Region Description Chapter are anticipated to occur over a two-month period. This will allow for sufficient time to conduct a vulnerability assessment of the Coachella Valley IRWM Region to climate change, and identify potential adaptation responses, as well as conduct a mapping assessment for the stormwater resources plan components. The CVRWMG will coordinate a Planning Partners meeting (see Task 13) in conjunction with preparation of the Region Description Chapter such that regional updates include input and information from stakeholders, and in particular, DACs.

Task 5: Chapter 6 – Objectives

Updates to the Objectives Chapter are expected to be carried out over a two-month period, following the completion of Task 4. Throughout the course of Task 5, an evaluation of greenhouse gas reduction potential, strategies adopted by the California Air Resources Board in its AB 32 Scoping Plan, and options for carbon sequestration and renewable energy source options will be conducted for the Coachella Valley



IRWM Region. Furthermore, the CVRWMG will consider objectives and metrics in light of provisions set forth in Senate Bill 985 pertaining to stormwater runoff, capture, and reuse.

During development of the *2014 Coachella Valley IRWM Plan*, the Planning Partners expressed interest and concern in being part of the objectives development, given that the objectives are an important part of considering and scoring projects that are funded through the IRWM Program. Therefore, the CVRWMG will ensure that the IRWM objectives are discussed and vetted with the Planning Partners, including DACs, during one of their regular meetings (see Task 13).

Task 6: Chapter 7 - Stakeholder Involvement

Updates to the Stakeholder Involvement Chapter will take place over a two-month period, after Task 5 is completed. The timeframe established to complete this task takes into consideration time that is needed to identify and contact organizations in the Region that would be added to the IRWM Plan to address stormwater-related issues. Timing of this chapter will be scheduled such that the CVRWMG will coordinate with the Planning Partners (see Task 13) to ask for additional names and contacts of organizations that would be interested in participating in the IRWM Plan Update, yet have not been historically included in the IRWM process.

Task 7: Chapter 8 - Resource Management Strategies

Updates to the Resources Management Strategies Chapter are expected to occur over a two-month period, following the completion of Task 6. Timing of this chapter will allow for sufficient time to incorporate the 2013 California Water Action Plan Resources Management Strategies criteria, as appropriate for the Region, conduct climate change vulnerability assessments, and analyze opportunities to utilize public lands, new developments, and redevelopments to improve pollution from and management of storm water and dry weather runoff.

Task 8: Chapter 9 - Project Evaluation and Prioritization

Updates to the Project Evaluation and Prioritization Chapter will be carried out after Task 7 is completed, and are anticipated to take three months to complete. The longer duration of this chapter reflects the fact that Senate Bill 985 requires a robust project scoring and prioritization process. It is anticipated that updates required under this chapter will take longer (one month longer) than the other chapters, which will allow for one Planning Partners meeting to take place at the outset of the project scoring and selection process, and a second meeting to take place once draft criteria have been developed. This process will ensure that stakeholders, including DACs, have had an adequate time to understand and comment on the proposed changes.

Task 9: Chapter 10 – Agency Coordination

Agency Coordination Chapter updates are expected to occur over a one-month period following completion of Task 8. The timing of this chapter is shorter, because there are not major updates to the agency coordination component of the IRWM Plan.

Task 10: Chapter 11 – Framework for Implementation

Updates to the Framework for Implementation Chapter are anticipated to take place over a two-month period after Task 9 is completed. Over the course of Task 10, policies and procedures will be drafted and adopted that promote adaptive management and projects will be identified that ensure effective implementation of the stormwater resources plan that provide multiple benefits.

Task 11: Comprehensive IRWM Plan Update

After completion of Tasks 4-10, an Administrative Draft IRWM Plan Update will be prepared, which will then be reviewed by the CVRWMG. These revisions will be incorporated, and a Public Draft of the IRWM Plan Update will be prepared and released for public comment. The public comment period will be 30-days in length, and a public workshop will be held during this time (see Task 13). After incorporation of public comments, the CVRWMG will prepare a Final IRWM Plan for submittal to DWR.



Category (c): IRWM Plan Outreach

Category (c) includes outreach activities with stakeholders in the Coachella Valley IRWM Program and promotion of public participation in the IRWM Plan update process.

Task 12: IRWM Plan Update Outreach

IRWM Plan Update Outreach will span the entire two years of the grant agreement. This task includes continuous outreach and coordination with stakeholders, including DACs, which is an important component of the IRWM Plan. It is assumed that outreach activities will begin as soon as the grant contract is executed, because the CVRWMP will need time to develop the Public Outreach Plan prior to preparing the Comprehensive IRWM Plan Update.

Task 13: IRWM Plan Update Meetings

Meetings that are part of the IRWM Plan Update will be held throughout the two-year period over which the Comprehensive IRWM Plan Update is prepared. Planning Partners meetings will be held on a quarterly basis, generally in March, June, September, and December, and timed such that meetings will be used to solicit input on major components and changes to the IRWM Plan. Task 13 would begin in late February 2017 so that the CVRWMP can prepare for the first Planning Partners meeting associated with the Comprehensive IRWM Plan Update, which would take place in March 2017. One public workshop will be held during the public review period in August of 2018, and timed to occur during the public review period for the Public Draft Comprehensive IRWM Plan Update.



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Coachella Valley Integrated Regional Water Management 2016 IRWM Planning Grant Proposal Disadvantaged Community

Attachment 6 consists of the following items:

- ✓ **Documentation of Presence and Needs of Disadvantaged Communities (DACs).** Local DACs are defined and mapped within the Coachella Valley IRWM Region. In total, 46% of the Region's population is economically disadvantaged.
- ✓ **DAC Involvement in Coachella Valley IRWM Plan Update.** Information regarding how DACs have been involved and engaged in the development and preparation of the Coachella Valley IRWM Plan to date, and ways in which DACs would benefit from this Proposal.

Funding Match Waiver

As explained in Attachment 4, a funding match waiver is being requested for this proposal, which is proportionate to the DAC population in the Coachella Valley IRWM Region (Region). The Coachella Valley Regional Water Management Group (CVRWMG) is proposing to prepare a comprehensive update to the *2014 Coachella Valley IRWM Plan* that will span the entire Region, and ensure eligibility of future IRWM and stormwater grant funding for all stakeholders in the Region, including DACs. Detailed information is provided below about:

- Location of DACs in the Region
- Documented issues and needs of DACs
- Information about DAC involvement in the Coachella Valley IRWM Program
- Description of the benefits to DACs from this proposal

Coachella Valley Disadvantaged Communities

As explained in Attachment 3, the CVRWMG was awarded a grant that was used to develop the *Coachella Valley Disadvantaged Community Outreach Demonstration Program* (DAC Outreach Program), which was completed in 2014. The DAC Outreach Program is currently available on California Department of Water Resources' (DWR's) DAC Involvement website, and is cited as an example of DAC outreach and needs assessment activities that DWR is currently aiming to fund through the 2016 DAC Involvement Solicitation.¹

The DAC Outreach Program involved detailed mapping of the location of DACs in the Region, as well as outreach efforts to identify the issues and needs of the Region's DACs. Through this effort, the CVRWMG found that the Coachella Valley has a wide range of DACs that are located throughout the Region, each with different demographic characteristics, including migrant farmers, urban residents, and low income seniors. Water management issues associated with the Region's DACs fall into four general categories, including: water supply, sanitation needs, flood control, and affordability.


DWR defines a DAC as a community with an annual median household income (MHI) that is less than 80 percent of the statewide average MHI. According to Appendix E of the *2016 IRWM Grant Program Guidelines*, data from the American Community Survey (ACS) of the U.S. Census is an eligible source of MHI estimates for use in determining if a community is DAC. The *ACS 5-Year Data: 2010-2014* shows that 80 percent of the Statewide MHI is \$49,191. Therefore, a DAC is a community with a MHI of less than \$49,191 per the *2016 IRWM Guidelines*. **Figure 6-1** shows the DACs within the Coachella Valley IRWM Region according to ACS data from 2010-2014, the most recent available data.

1


http://www.water.ca.gov/irwm/grants/docs/p1DACinvolvement/Reports_Studies/CoachellaValleyDACOutreachDemonstrationProject.pdf

CA Median Household Income (MHI) as of 2014 = \$61,489
 85% of MHI = \$52,266
 80% of MHI = \$49,191
 60% of MHI = \$36,893




**Figure 6-1:
 Coachella Valley DAC Map**


 Coachella Valley IRWM Region

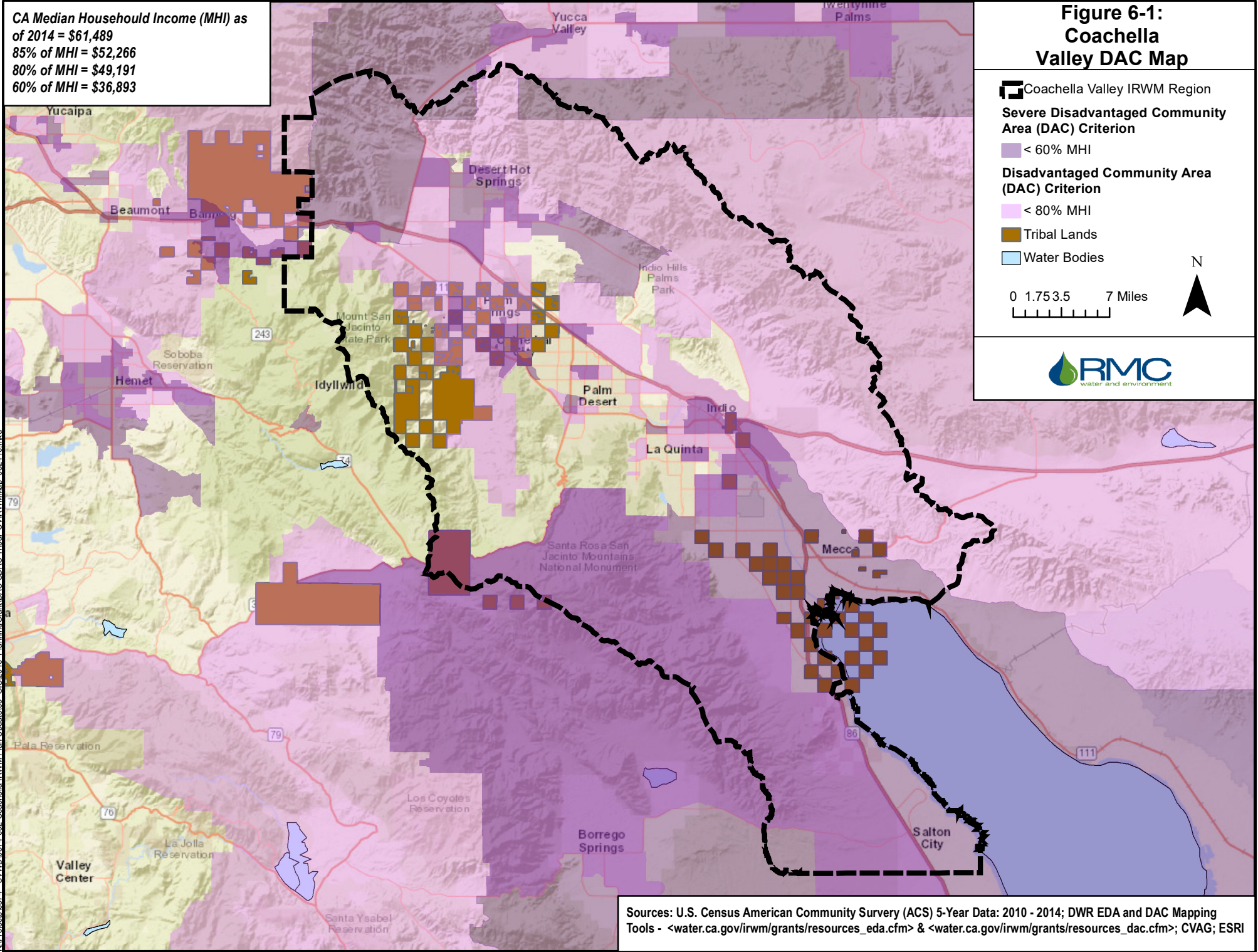
Severe Disadvantaged Community Area (DAC) Criterion

-  < 60% MHI

Disadvantaged Community Area (DAC) Criterion

-  < 80% MHI
-  Tribal Lands
-  Water Bodies

0 1.75 3.5 7 Miles 



Sources: U.S. Census American Community Survey (ACS) 5-Year Data: 2010 - 2014; DWR EDA and DAC Mapping Tools - water.ca.gov/irwm/grants/resources_eda.cfm & water.ca.gov/irwm/grants/resources_dac.cfm; CVAG; ESRI

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Figure 6-1 also shows the location of severely DACs (SDACs), which are defined as communities that have a MHI that is 60 percent or less of the Statewide MHI. This designation of DAC vs. SDAC is something that was requested by local stakeholders during development of the DAC Outreach Program, and is useful in classifying DACs of varying severity across the Coachella Valley.

MHIs in the Coachella Valley IRWM Region were estimated through an analysis of *the ACS 5-Year Data: 2010-2014* at the Census place, tract, and block-group levels. According to the *ACS 5-Year Data: 2010-2014*, MHI's for cities within the Region are as follows (* indicates DACs):

• Cathedral City	\$43,128*	• La Quinta	\$71,074
• Coachella	\$40,423*	• Palm Desert	\$52,053
• Desert Hot Springs	\$33,575*	• Palm Springs	\$45,497*
• Indian Wells	\$85,000	• Rancho Mirage	\$71,688
• Indio	\$47,922*		

According to the 2010-2014 data, the total population for the Region is 427,889 people. Of these people, 195,662 are located within areas that have an average MHI of \$49,191 or less. Therefore, the total population of the Coachella Valley that is designated as DAC is 46%. This value (46%) was used to calculate the DAC funding match waiver, as explained in Attachment 4.

DAC Issues and Needs

As documented in the *2014 Coachella Valley IRWM Plan*, several water management issues specific to DACs have been identified, and generally include drinking water supply and water quality, sanitation needs, flooding concerns, and maintaining the affordability of water. The DAC Outreach Program that was implemented concurrently with development of the *2014 Coachella Valley IRWM Plan* (and incorporated into the plan as Volume II) included extensive ground surveys to better-define DAC issues and needs in the Region. Through this survey process, three primary water-related concerns were consistently raised by DAC stakeholders: water supply (drinking water), wastewater, and flooding.

While there are DACs located throughout the Coachella Valley, the survey conducted through the DAC Outreach Program found that the most dire and pressing issues tend to be found in places where DACs do not receive municipal water supply or wastewater services. Such areas are most heavily concentrated in the eastern Coachella Valley, southeast of the cities of Indio and Coachella. Within the eastern Coachella Valley, the survey indicated the presence of many small mobile home park communities that rely on onsite drinking water systems that were in a notable state of disrepair, and indications of onsite flooding. Specifically, surveyors noted onsite leaking and ponding of water, pipes that were corroding or breaking, and pipes that were not properly connected or jointed and could therefore potentially carry contaminated water into the mobile home units.

The *2014 Coachella Valley IRWM Plan* identifies four types of projects that could help to resolve DAC needs and issues. These project types include: 1) Education, 2) Drinking Water Treatment, 3) Wastewater, and 4) DAC Recognition and Support. Priority DAC projects were also identified, and include outreach and education, point-of-use treatment system installation, and septic-to-sewer conversion.

Flooding and stormwater management issues within the Coachella Valley increase the severity of wastewater issues impacting DACs. As previously stated, the most severe and pressing DAC issues occur in areas that do not receive municipal water supplies or wastewater services, particularly in the eastern Coachella Valley. These areas primarily consist of unincorporated communities that also do not receive stormwater services and are not protected by regional flood control infrastructure.

DAC Involvement

The CVRWGM holds regular meetings that stakeholders throughout the Region, including DAC representatives, participate in on a quarterly basis. Through previous outreach efforts aimed at DACs, the CVRWGM determined that having regular, all-inclusive meetings allowed a wider range of stakeholders to



be involved in the IRWM Program, including DAC members and representatives. These meetings provide a platform for continued participation of DAC stakeholders in the IRWM Program in order to achieve a collaborative, multi-stakeholder result providing regional solutions to address DAC needs.

The CVRWMG has engaged in extensive, targeted outreach to DACs since IRWM-related planning efforts were initiated in 2009. During development of the DAC Outreach Program, the CVRWMG aimed to determine how to further involve and engage DAC community members, per requests from DWR. Findings of the DAC Outreach Program were incorporated into the *2014 Coachella Valley IRWM Plan* as Volume II. Due to the many DACs within the Region, DWR gave additional funding to the Region to implement the extensive outreach efforts included in the DAC Outreach Program. In order to engage the DACs within the Region, the CVRWMG held five Planning Partners meetings which were co-hosted with DAC Workshops during the Coachella Valley IRWM Plan update process (2012-2014).

Through the DAC Outreach Program, additional mapping to help refine the location of DACs in the Region was completed. For the additional mapping analysis, the DAC Outreach Program initially mapped the location of DACs using Census and ACS data, then refined the mapping with an ESRI Community Analysis, and further refined and verified the location of DACs with field surveys conducted by local non-profit partners. In addition to identifying DACs, the program aimed to identify how to increase DAC participation in IRWM planning efforts and support development of projects that address DAC issues. The Coachella Valley IRWM Program has provided increased technical engineering, and grant support for DACs applying for IRWM grant opportunities. Through the DAC Outreach Program, additional planning and engineering support was provided to increase the competitiveness of DAC projects for the third and final rounds of IRWM funding from Proposition 84.

Additional DAC outreach is included in this Planning Grant Proposal to allow for participation of DAC stakeholders in the Comprehensive IRWM Plan Update, as described in *Attachment 3, Work Plan*. The outreach efforts included in this Work Plan are modeled after successful DAC outreach and involvement that was conducted for the *2014 Coachella Valley IRWM Plan* and DAC Outreach Program. As described above, previous efforts showed that integration of IRWM planning with development of the DAC Outreach Program was the best way to include stakeholder involvement in both efforts. Therefore, the CVRWMG is proposing to concurrently update the IRWM Plan and prepare a functionally equivalent Stormwater Resources Plan (SWRP) to ensure that as many stakeholders as possible (including DAC stakeholders) are involved in both efforts.

Proposal Benefits to DACs

The CVRWMG has collaboratively developed and updated the Coachella Valley IRWM Plan with inclusion of DACs. As described above, the *2014 Coachella Valley IRWM Plan* was implemented concurrently with the DAC Outreach Program to fully identify DACs and address the critical water-related needs of these communities. Updating the *2014 Coachella Valley IRWM Plan* to comply with the 2016 IRWM Plan Standards and incorporation of the SWRP will provide an inclusive IRWM Plan that addresses issues and needs of stakeholders, including DACs.

Given the potential cost of implementing flood control and other DAC projects, it is imperative to the CVRWMG to maintain eligibility for IRWM Program funding and other grant funding for DACs. The primary objective of the proposal is to complete updates to the *2014 Coachella Valley IRWM Plan* such that stakeholders in the Region (including DACs) will continue to be eligible for grant funding available through Proposition 1, including IRWM grant funding. Grants, including IRWM grants, are critical for funding solutions to water needs and issues in DACs, which generally lack funding and technical capacity to make improvements without these vital funding sources.

Attachment 7 consists of the following items:

- ✓ **Documentation of Presence and Needs of Economically Distressed Areas (EDAs).** Information about how local EDAs are defined and mapped within the Coachella Valley IRWM Region.
- ✓ **EDA Involvement in Coachella Valley IRWM Plan Update.** Information regarding how EDAs have been involved and engaged in the development and preparation of the Comprehensive IRWM Plan Update.

Funding Match Waiver

As explained in Attachment 4, a funding match waiver is being requested for this proposal, which is proportionate to the amount of DACs in the Coachella Valley IRWM Region (Region). Information about the issues and needs of DACs, as well as benefits to DACs from this Proposal are described in Attachment 6. This attachment includes information about the location of economically distressed areas (EDAs) in the Region.

Coachella Valley Economically Distressed Areas

As with DACs, the Coachella Valley hosts a wide array of EDAs. EDAs are defined by the California Department of Water Resources (DWR) as a municipality with a population of 20,000 persons or less, a rural county, or a reasonably isolated and divisible segment of a larger municipality where the segment of the population is 20,000 persons or less, with an annual median household income (MHI) that is less than 85% of the statewide MHI, and with one or more of the following criteria: 1) financial hardship, 2) unemployment rate of at least 2% higher than the Statewide average (2015 statewide annual average unemployment rate for California: 6.2%), or 3) low population density.

As shown in **Figure 7-1**, and explained in **Appendix 7-1**, the Coachella Valley has areas that meet two of the EDA criterion: unemployment rate of at least 2% higher than the Statewide average, and low population density. The majority of EDAs in the Region are located concurrent with (overlap) the DACs. However, there is an area located to the northeast of Palm Springs, located within unincorporated Riverside County, which qualifies as EDA but not as DAC (referred to as a non-DAC EDA area). The EDA area located to the northeast of Palm Springs is shown as such due to the low population density of the area; however, this area does not meet the DAC economic criterion. Although the area does not qualify as a DAC, issues impacting DACs may also impact residents of this area due to its low population density.

Commitment to EDA Involvement

Given the CVRWGM's commitment to outreach to all stakeholders, the CVRWGM will ensure that outreach that takes place specific to DACs also covers the non-DAC EDA area described above and shown on **Figure 7-1**. As such, the overall issues, needs, and involvement efforts pertinent to DACs and described in Attachment 6 are also relevant to EDAs. Similarly, DAC-related benefits described in Attachment 6 that would be derived from this Proposal would also be realized by the EDA areas given their general proximity to the DACs and location in the Coachella Valley.

CA Median Household Income (MHI) as of 2014 = \$61,489
 85% of MHI = \$52,266
 80% of MHI = \$49,191
 60% of MHI = \$36,893

Figure 7-1: Coachella Valley DAC and EDA Map

Coachella Valley IRWM Region

Severe Disadvantaged Community Area (DAC) Criterion

- < 60% MHI

Disadvantaged Community Area (DAC) Criterion

- < 80% MHI

Economically Distressed Area (EDA) Criterion #1

- < 85% MHI, Pop <= 20K with UnEmp 2% > than CA Avg.

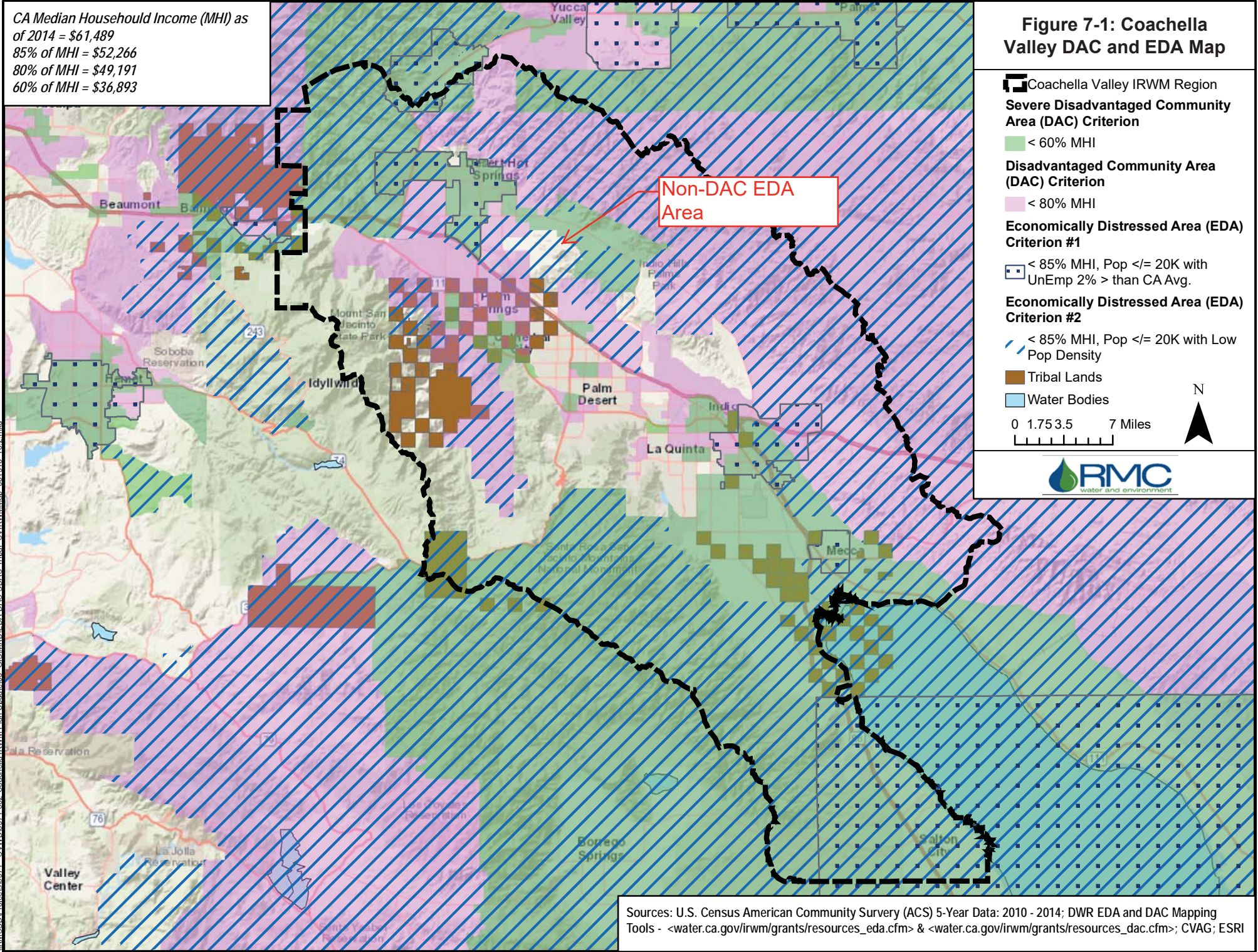
Economically Distressed Area (EDA) Criterion #2

- < 85% MHI, Pop <= 20K with Low Pop Density

- Tribal Lands
- Water Bodies

0 1.75 3.5 7 Miles

N



Sources: U.S. Census American Community Survey (ACS) 5-Year Data: 2010 - 2014; DWR EDA and DAC Mapping Tools - water.ca.gov/irwm/grants/resources_eda.cfm & water.ca.gov/irwm/grants/resources_dac.cfm; CVAG; ESRI

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Appendix 7-1: Coachella Valley EDA Form
ECONOMICALLY DISTRESSED AREA FORM

Economically Distressed Area Form Instructions		
<i>Please submit the Economically Distressed Area fillable pdf form with your grant or loan application.</i>		
Step	Criterion	Required Information
1	MHI	Attach map from EDA tool that shows the project benefit/service area and the <85% MHI layer.
2	Option 1: Municipality with Population of 20,000 People or Less	Attach map from EDA tool that shows the project benefit/service area and the municipality area population layer.
	Option 2: Rural County	Attach map from EDA tool that shows the project benefit/service area and the rural county layer.
	Option 3: Reasonably Isolated and Divisible Segment of a Larger Municipality where the Segment of the Population is 20,000 Persons or Less	Attach map from EDA tool that shows the project benefit/service area and the municipality area population layer. Explain, in 3,000 characters or less, the basis for claiming that the project benefit/service area is reasonably isolated and divisible.
3	Option 1: Financial Hardship	Explain, in 3,000 characters or less, the basis for claiming that the project benefit/service has a financial hardship.
	Option 2: Unemployment Rate at least 2 Percent Higher than the Statewide Average	Attach map from EDA tool that shows the project benefit/service area and the unemployment layer.
	Option 3: Low Population Density	Attach map from EDA tool that show the project benefit/service area and the low population density layer.

Appendix 7-1: Coachella Valley EDA Form

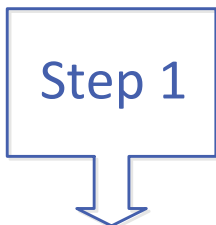
ECONOMICALLY DISTRESSED AREA CHECKLIST

Instructions: To meet the definition of an economically distressed area, applicants must meet the criterion in Step 1, then proceed to selecting one criterion from Step 2, followed by selecting one criterion from Step 3. Please fill out this checklist, selecting the appropriate criteria for your project’s benefit area, and include it in your EDA package.

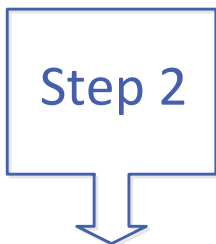
Applicant Name: Coachella Valley Water District

Project Name: Coachella Valley 2016 IRWM Planning Grant Proposal

Program Name (reference Table 1): Integrated Regional Water Management



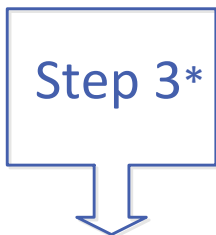
An annual median household income < 85% of statewide median household income:
 Refer to attached EDA Figure.



• A municipality with a population of 20,000 people or less:
Refer to attached EDA Figure.

• A rural county: _____

• A reasonably isolated and divisible segment of a larger municipality where the segment of the population is 20,000 persons or less:



• Financial hardship: _____

• Unemployment rate at least 2 percent higher than the statewide average:
Refer to attached EDA Figure.

• Low population density: Refer to attached EDA Figure.

*As determined by the Department.

MAP OF ECONOMICALLY DISTRESSED AREA & PROJECT BENEFIT AREA

Instructions: To meet the definition of an economically distressed area, applicants must display their selected economically distressed area criteria via map(s) and show the project benefit area. Please utilize the Economically Distressed Area Mapping Tool to show the appropriate criteria for your project benefit area.

Refer to attached EDA Figure. Note that the map shows both types of EDAs that can be mapped using DWR's EDA mapping tool.

REASONABLY ISOLATED JUSTIFICATION

Instructions: To meet the definition of an economically distressed area, applicants must display one criterion from each step of the Economically Distressed Area Checklist (Attachment 1). Please utilize the space below to describe the appropriate 'reasonably isolated' criterion for your project benefit area, if applicable. Please limit justification narrative to 3,000 characters.

Insert text here.

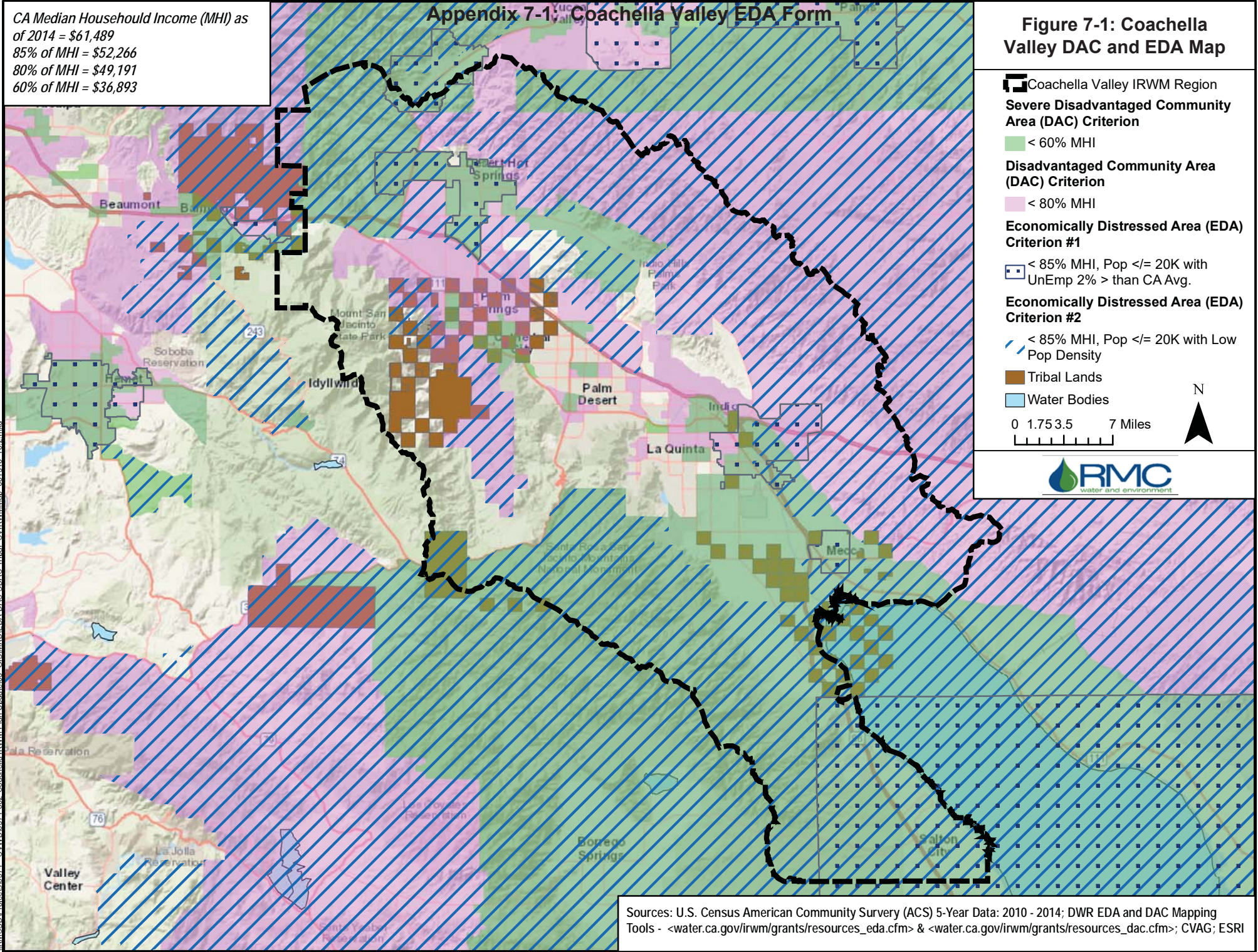
FINANCIAL HARDSHIP JUSTIFICATION

Insert text here.

CA Median Household Income (MHI) as of 2014 = \$61,489
 85% of MHI = \$52,266
 80% of MHI = \$49,191
 60% of MHI = \$36,893

Appendix 7-1 Coachella Valley EDA Form

Figure 7-1: Coachella Valley DAC and EDA Map



Coachella Valley IRWM Region

Severe Disadvantaged Community Area (DAC) Criterion

< 60% MHI

Disadvantaged Community Area (DAC) Criterion

< 80% MHI

Economically Distressed Area (EDA) Criterion #1

< 85% MHI, Pop <= 20K with UnEmp 2% > than CA Avg.

Economically Distressed Area (EDA) Criterion #2

< 85% MHI, Pop <= 20K with Low Pop Density

Tribal Lands

Water Bodies

0 1.75 3.5 7 Miles

N

RMC
water and environment

Sources: U.S. Census American Community Survey (ACS) 5-Year Data: 2010 - 2014; DWR EDA and DAC Mapping Tools - water.ca.gov/irwm/grants/resources_eda.cfm & water.ca.gov/irwm/grants/resources_dac.cfm; CVAG; ESRI

R:\MCS\Projects\0574 - CV\0574\02 - Coachella IRWM Plan Update\03 - GIS\Map\EDA-DAC-SDAC-Tribal_CVIRWM\Map_051316_10.2.mxd

Attachment 8 consists of the following items:

- ✓ **Water Meter Compliance Certification Form.** Coachella Valley Water District (CVWD) has completed and submitted the self certification form for compliance with water metering requirements for funding applications.

Water Meter Compliance

As defined in the *2016 Guidelines*, CWC §525 et seq. requires urban water suppliers applying for IRWM grant funds to demonstrate that they meet the State's Water Meter requirements. CVWD is an urban water supplier, and has included its Water Meter Compliance Self Certification form as part of this Proposal (see **Appendix 8-1**).



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Appendix 8-1: Water Meter Compliance Documentation
California State Water Resources Control Board
California Department of Water Resources
California Department of Public Health



**CERTIFICATION FOR
COMPLIANCE WITH WATER METERING REQUIREMENTS
FOR FUNDING APPLICATIONS**

Funding Agency name: CA Department of Water Resources
Funding Program name: Proposition 1 IRWM Planning Grant
Applicant (Agency name): Coachella Valley Water district
Project Title (as shown on application form): - Coachella Valley Comprehensive IRWM Plan Update

Please check one of the boxes below and sign and date this form.

As the authorized representative for the applicant agency, I certify under penalty of perjury under the laws of the State of California, that the agency is not an urban water supplier, as that term is understood pursuant to the provisions of section 529.5 of the Water Code.

As the authorized representative for the applicant agency, I certify under penalty of perjury under the laws of the State of California, that the applicant agency has fully complied with the provisions of Division 1, Chapter 8, Article 3.5 of the California Water Code (sections 525 through 529.7 inclusive) and that ordinances, rules, or regulations have been duly adopted and are in effect as of this date.

I understand that the Funding Agency will rely on this signed certification in order to approve funding and that false and/or inaccurate representations in this Certification Statement may result in loss of all funds awarded to the applicant for its project. Additionally, for the aforementioned reasons, the Funding Agency may withhold disbursement of project funds, and/or pursue any other applicable legal remedy.

Jim Barrett

Name of Authorized Representative
(Please print)

General Manager
Title

[Signature]
Signature

8-29-14
Date

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Attachment 9 consists of the following items:

- ✓ **Regional Acceptance Process Status.** Status of the Coachella Valley IRWM Region's RAP, which was approved in 2009.

Regional Acceptance Process Status

The Regional Acceptance Process (RAP) is used to evaluate and accept an IRWM Region into the ongoing IRWM grant program. DWR released the Final RAP Guidelines on March 11, 2009, and the Coachella Valley Region submitted a RAP Application to DWR in April 2009. DWR approved the Coachella Valley RAP in 2009 with no additional conditions, as documented in the *Region Acceptance Process Summary (Appendix 9-1)*.



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No. 5 - Coachella Valley Integrated Regional Water Management Region

Region Acceptance Process Summary

General Description of Region

The Coachella Integrated Regional Water Management (IRWM) Region is located in the upper Coachella Valley at the north end of the Salton Sea. Much of the Coachella IRWM Region boundary is defined by hydrologic boundaries, with the exception of the northwest corner where the service boundary of the San Geronio Pass Water Agency was used.

The Coachella Valley Regional Water Management Group (RWMG) is comprised of five agencies which are water purveyors in the Region. Coachella Water Authority, Coachella Valley Water District, Desert Water Agency, Indio Water Authority, Mission Springs Water District formed this RWMG group after a long history of conflict and litigation over water resources in this Region. The Coachella Valley Region has many Disadvantaged Communities and independent groups seeking funding to improve their water systems.

During the RAP interview, DWR inquired as to why the RWMG elected to terminate their southern IRWM boundary at the north end of the Salton Sea. The RWMG representatives stated that below their proposed southern boundary other issues exist that would complicate their IRWM planning efforts and distract the Coachella RWMG from focusing on the condensed population in areas within their IRWM Region. However, DWR encouraged the Coachella RWMG representatives to include the remainder of the CVWD service area, the southwest and southeast areas of Bombay Beach and Salton City, into their existing IRWM Region boundary.

Interview Conclusions- Approved

The Coachella Valley RWMG representatives agree with DWR about revising their southern boundary. As a result, the new Coachella Valley IRWM Region boundary will extend to the mid-point of the Salton Sea and include the remainder of the Coachella Valley Water District service areas to the southwest and southeast. The Salton Sea, however, is not included in this Region as Salton Sea issues are beyond the scale of a regional solution.

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