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Mojave Region 2014 Integrated Regional Water Management Plan 2018 Amendments

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Prepared for

Mojave Water Agency
13846 Conference Center Drive
Apple Valley, CA 92307

K/J Project No. 1844204*00

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ES-1 Updated IRWM Plan Standards

List of Attachments

- A DWR Plan Review Tool (excel spreadsheet)
- B DWR Confirmation Letter of 2014 IRWMP Consistency with Proposition 84 IRWM Guidelines
- C 2014 Mojave Region IRWM Plan (adopted)
- D Mojave Region Technical Advisory Committee Support Letter for the 2014 IRWM Plan 2018 Amendments
- E Incorporation of Stormwater Resources Plan

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Acronym List

SB	Senate Bill
CARB	California Air Resources Board
DAC	Disadvantaged Community
DWR	Department of Water Resources
GHG	greenhouse gas
GL	Guidelines
GSA	Groundwater Sustainability Agency
GSP	Groundwater Sustainability Plan
GWMP	Groundwater Management Plan
IRWM	Integrated Regional Water Management
IRWMP	Integrated Regional Water Management Plan
MWA	Mojave Water Agency
RMS	Resource Management Strategy
RWMG	Regional Water Management Group
SWP	State Water Project
SLR	sea level rise
SWRP	stormwater resources plan
SGMA	Sustainable Groundwater Management Act
TMDL	Total Maximum Daily Load

Executive Summary

The Regional Water Management Group (RWMG) for the Mojave Integrated Regional Water Management Plan (IRWMP, Plan) is required to amend its adopted 2014 IRWMP (referred to herein as the 2014 IRWMP) to meet the new standards provided in the California Department of Water Resources (DWR's) Proposition 1 2016 IRWM Guidelines. In September 2014 DWR deemed the IRWMP consistent with the Proposition 84 IRWM Grant Program Guidelines, as documented in the confirmation letter provided in Attachment B.

The Mojave RWMG intends to update the document approximately every five years (the first Plan was developed in 2008), and therefore the current Plan is not due for a full and complete update until 2019/2020. For the Mojave IRWM Region to be eligible for Proposition 1 IRWM funding, the IRWMP must meet the new updated Guidelines in time for the first round of Proposition 1 Implementation funding, anticipated in late 2018. Therefore, the RWMG has decided to amend the existing Plan to meet the new Guidelines; with a full update to be undertaken in the future.

IRWM Plan Standards are used to describe the required contents of an IRWM Plan and can be used as criteria in Implementation Grant applications. The Proposition 1 2016 IRWM Guidelines include updates to 10 of the 16 IRWM Plan Standards, as shown in the table below. Each of these Standards is discussed in this Amendment to show how the 2014 IRWMP meets the new element(s) of these Standards (new elements are shown in *Blue italics*). Additional explanation or edited IRWMP text is provided, if necessary, to update the Plan to fully meet the new requirements. The remaining 6 of the 16 IRWM Plan Standards have not changed since the Proposition 84 IRWM Guidelines and therefore they are not re-addressed within this Amendment.

TABLE ES-1 UPDATED IRWM PLAN STANDARDS

IRWM Plan Standard	Standards Affected by the 2016 Proposition 1 IRWM Guidelines
Governance	X
Region Description	X
Objectives	X
Resource Management Strategies	X
Integration	
Project Review Process	X
Impact and Benefit	
Plan Performance and Monitoring	X
Data Management	
Finance	
Technical Analysis	
Relation to Local Water Planning	X
Relation to Local Land Use Planning	X
Stakeholder Involvement	X
Coordination	
Climate Change	X

Where changes to the adopted 2014 IRWMP were necessary, actual text from the 2014 IRWMP section is shown in italics in this amendment document with changes shown in “track changes”; new text is in red underline and deleted text is in red ~~strikeout~~. References to the 2014 Plan sections are also provided for additional clarification. It is recommended that this Amendment be reviewed with the 2014 IRWMP (see Attachment C), as sections throughout the IRWMP are being modified per this Amendment.

The complete DWR Plan Review Tool (an excel spreadsheet) is provided as Attachment A.

This is not a full update of the 2014 IRWM Plan and per the governance structure of the RWMG, the RWMG is not required to formally adopt the Amendment. Rather, when the plan undergoes a full and complete update, re-adoption will occur. The Mojave IRWMP governance requires amendments be approved by vote of the RWMG and the Technical Advisory Committee and evidence of this vote is provided in Attachment D.

Section 1: Updated IRWM Plan Standards

1.1 Governance

a) The RWMG and individual project proponents who adopted the Plan.

All members of the Mojave RWMG adopted the 2014 IRWMP, including all individual project proponents that have sought funding through the Proposition 84 IRWMP grant program.

Section 1. Introduction, of the 2014 IRWMP has been updated to reflect the current adoption status of the Plan (see Amendment Section 1.1.1 below).

b) A description of the IRWM governance structure including a discussion of whether or how Native American tribes will participate in the RWMG.

The 2014 IRWMP provides detailed discussion of tribal outreach and the communication used to identify and solicit participation by the Native American tribal community in the Mojave Region. The governance structure for implementing the IRWM plan details the roles and responsibilities for RWMG and stakeholders, including disadvantaged communities (including underrepresented communities), and Native American tribes.

The 2014 IRWMP currently meets this new requirement in the following IRWMP Sections: 1.2.3.3 (Tribal Outreach, pg. 1-22); 8.2 (Governance Structure Used for Plan Development, pg. 8-1); 8.3 (Governance Structure for Plan Implementation, pg. 8-5); and 8.3.5 (Balanced Access and Opportunity for Participation, pg. 8-12).

No additional revisions to the 2014 IRWMP are required.

1.1.1 IRWMP Text Changes

The following text is added to the end of IRWMP Section 1.5, Plan Adoption, pg. 1-26:

The RWMG adopted the 2014 IRWMP in summer of 2014. To date, all project proponents that could have received funding through Proposition 84 have also adopted the IRWMP. Proof of adoption of the 2014 Update is documented in the Round 1, Round 2, and Drought Implementation Grant submittals. Adoption resolutions are also available on www.mojavewaterplan.org.

The 2014 IRWMP Update was adopted by the RWMG, including:

- Mojave Water Agency (adopted June 2014)*
- Mojave Water Agency Technical Advisory Committee (adopted June 2014)*
- Morongo Basin Pipeline Commission (adopted June 2014)*

- *Mojave Desert Resource Conservation District (adopted July 2014)*
- *Victor Valley Wastewater Reclamation Authority (adopted July 2014)*

The 2014 IRWMP Update was adopted by Project Proponents, including:

- *Apple valley Heights County Water District (adopted on September 2014)*
- *City of Barstow (adopted August 2015)*
- *Bighorn Desert View Water Agency (adopted July 2014))*
- *Center Water Company (adopted August 2014)*
- *Helendale Community Services District (adopted June 2014)*
- *City of Hesperia and Hesperia Water District (adopted July 2014)*
- *High Desert Water District (adopted July 2014)*
- *Joshua Basin Water District (adopted July 2014)*
- *Lucerne valley Economic Development Association (adopted August 2014)*
- *Phelan Pinon Hills Community Services District (adopted August 2014)*
- *Running Springs Water District (adopted August 2014)*
- *San Bernardino County Flood Control District (adopted October 2014)*

All future project proponents will be required to adopt the amended 2014 IRWMP. When the full update of the IRWMP is completed in 2019/2020, all RWMPG members and any proposed funding recipients will be required to adopt/readopt the Plan.

1.2 Region Description

- a) *Describe water quality conditions. If the IRWM region has areas of nitrate, arsenic, perchlorate, or hexavalent chromium contamination, the Plan must include a description of location, extent, and impacts of the contamination; actions undertaken to address the contamination, and a description of any additional actions needed to address the contamination.*

Water quality within the Mojave IRWM Region is discussed in the IRWMP Section 3.4. This section discusses nitrate, arsenic, perchlorate and hexavalent chromium contamination along with other regularly monitored constituents like total dissolved solids and fluoride.

As shown on Table 3-12 in the 2014 IRWMP (pg. 3-23) for the 2010 303(d) List of Impaired Water Bodies, Sheep Creek, has elevated nitrate levels slightly above the Basin Plan Objective. A Total Maximum Daily Load (TMDL) for nitrate is proposed for completion for this waterbody by

2021. Additionally, imported water in the Region consists of State Water Project (SWP) supplies. As described in Section 3.4.3.1 of the IRWMP, SWP water is generally low in most constituents including nitrate.

Groundwater quality within the Region is discussed in IRWMP Section 3.4.3.2. The Region's groundwater basins contain numerous areas with water quality issues including arsenic, nitrates, perchlorate and hexavalent chromium. Some of these are noted as being naturally occurring in the desert environment while others are associated with human activities. Section 3.4.3.2 specifically addresses arsenic and nitrate contamination along with the location of the contamination and extent on pgs. 3-25 and 3-26. Perchlorate and hexavalent chromium contamination are addressed on pg. 3-27.

IRWM Stakeholders have submitted multiple projects to the IRWM to address these water quality concerns. One such project is a regional hexavalent chromium project which aims to study and address the contamination throughout the entire Region.

No additional revisions to the 2014 IRWMP are required.

b) Describe likely Climate Change impacts on their region as determined from the vulnerability assessment.

The 2014 IRWMP provides a summary of the projected climate change impacts on the region, and in particular to water supply and demand in Section 3.6 (Vulnerability to Climate Change, pg. 3-36). Section 12 of the IRWMP (Climate Change) provides a thorough evaluation of climate change including predictive modeling, identification of vulnerabilities, prioritization of vulnerabilities, and plans for future climate change updates.

No additional revisions to the 2014 IRWMP are required.

1.3 Objectives

In Section 4.4 of the 2014 IRWMP, climate change vulnerabilities identified for the Region are prioritized according to their relative linkage to IRWMP objectives. Table 4-4 (Summary of Ranked Climate Change Vulnerabilities), on pg. 4-24, summarizes the climate change vulnerabilities with their associated objectives and ranking priorities.

a) Address adapting to changes in the amount, intensity, timing, quality and variability of runoff and recharge.

The 2014 IRWMP discusses the Region's ability to adapt to changes in the amount, intensity, timing, quality and variability of runoff and recharge in Section 3.6 (Vulnerability to Climate Change), Section 12 (Climate Change), and Table 12-1 (Climate Change Vulnerability Checklist).

No additional revisions to the 2014 IRWMP are required.

b) Consider the effects of sea level rise (SLR) on water supply conditions and identify suitable adaptation measures.

The Mojave IRWM Region is located in the California High Desert, which is part of the Mojave Desert. As described in IRWMP Section 2.6.2, the Mojave Region is a closed topographic basin with no outlet to the ocean. Overall, land surface elevations within the Mojave Region range from 5,500 feet above sea level in the San Bernardino Mountains on the southern boundary to the 1,500 near Afton Canyon on the eastern boundary. Given the elevation and disconnection from the ocean, sea level rise would not have a direct physical impact on the Region. However, sea level rise can impact the reliability and quality of SWP, which is the Region's imported water source. This is discussed in IRWMP Section 12.4.4.1 (pg. 12-17). Mitigation and adaptation strategies are discussed in IRWMP Sections 12.5.2 through 12.5.4 (starting on pg. 12-21). Potential adaptation strategies were identified for each watershed characteristic and include the potential impacts to the SWP from the effects of sea level rise.

No additional revisions to the 2014 IRWMP are required.

c) Reducing energy consumption, especially the energy embedded in water use, and ultimately reducing GHG emissions.

The reduction in energy consumption, energy embedded in water use, and ultimately the potential to reduce GHG emissions within the Region is discussed in IRWMP Section 12.6.4, Create a GHG Baseline (pg. 12-30). As explained in IRWMP Section 12.6.5, the climate change impacts of specific projects proposed for implementation in the IRWMP are considered by a rough qualitative assessment of whether or not certain adaptation strategies apply or if a project reduces GHG emissions. Currently no quantitative performance measurements are used to score the projects. Future Plan updates may have the data available to further quantify climate change adaptation and mitigation strategies and apply them at the project level.

No additional revisions to the 2014 IRWMP are required.

d) In evaluating different ways to meet IRWM plan objectives, where practical, consider the strategies adopted by CARB in its AB 32 Scoping Plan.

e) Consider options for carbon sequestration and using renewable energy where such options are integrally tied to supporting IRWM Plan objectives.

The 2014 IRWMP provides a description of the AB 32 Global Warming Solutions Act and Executive Order S-3-05, including the Scoping Plan in IRWMP Section 12.2.1.3. IRWMP Section 12.5.1.1 discusses how implementing specific energy efficiency programs or projects, installing renewable energy projects, implementing waste-to-energy projects at wastewater treatment plants, promoting carbon sequestration, and conducting water efficiency and demand reduction programs either directly create carbon-free energy or reduce the need for generation of electricity from fossil fuel-fired electric plants. This section also discusses how the strategies in the AB 32 Scoping Plan can be used to reduce GHG emissions that cause climate change. Table 12-3, AB 32 Scoping Plan Water Sector Mitigation Measures, pg. 12-21, specifically identifies the mitigation measures for strategies for the water sector.

No additional revisions to the 2014 IRWMP are required.

1.4 Resource Management Strategies

a) Identify RMS incorporated in the IRWM Plan.

Section 5 of the 2014 IRWMP currently describes all of the resource management strategies (RMS) as identified in the 2009 California Water Plan Update, including the additional RMS from the 2013 update of the California Water Plan (sediment management, outreach and engagement, water and culture) that can be used to meet IRWMP objectives.

No additional revisions to the 2014 IRWMP are required.

b) Consideration of climate change effects on the IRWM region must be factored into RMS.

As described in Section 5.1 of the IRWMP, the different management strategies identified in the California Water Plan were organized into eight broad categories (reduce water demand, improve operational efficiency and transfers, increase water supply, improve water quality, improve flood management, practice resources stewardship, people and water, and other). Each RMS is described, with discussion of how it could contribute to meeting specific IRWM Plan objectives and whether the RMS is applicable to the Region. An overview of the connection between selected RMS and Plan objectives can be found in Table 5-2 (Selected Resource Management Strategies vs. IRWM Plan Objectives).

IRWMP Section 12, Climate Change, provides the state and regional adaptation strategies recommended for the Mojave Region. IRWMP Section 12.5.4 (pg. 12-23) identifies the potential adaptation strategies for each watershed characteristic starting with the highest priorities developed in the climate change vulnerability area analysis. This discussion is meant to allow the stakeholders to incorporate climate change adaptation in projects developed and evaluated as part of the IRWM Plan process.

No additional revisions to the 2014 IRWMP are required.

1.5 Project Review Process

a) Project's contribution to climate change adaptation.

The Region's project review and prioritization process is outlined in Section 6 of the IRWMP. Section 6.2.3 details the screening criteria that are reviewed when evaluating a project for inclusion in the IRWMP. These criteria include assessment of a project's contribution in adapting to the effects of climate change (projects that contribute to adaptations that can lessen the negative impacts of climate change are encouraged), as well as the contribution of the project in reducing GHG emissions as compared to project alternatives (projects that help reduce the GHG emissions in the Region are preferred).

The 2014 IRWMP discusses the Region's ability to adapt to changes in the amount, intensity, timing, quality and variability of runoff and recharge in Section 3.6 (Vulnerability to Climate Change), Section 12 (Climate Change), and Table 12-1 (Climate Change Vulnerability Checklist).

In IRWM Section 4.4, climate change vulnerabilities identified for the Region are prioritized according to their relative linkage to Plan objectives. Table 4-4 (Summary of Ranked Climate Change Vulnerabilities), on pg. 4-24, summarizes the climate change vulnerabilities with their associated objectives and ranking priorities.

As explained in IRWMP Section 12.6.5, the climate change impacts of specific projects proposed for implementation in the IRWMP are considered by a rough qualitative assessment of whether or not certain adaptation strategies apply or if a project reduces GHG emissions. Currently no quantitative performance measurements are used to score the projects. Future Plan updates may have the data available to further quantify climate change adaptation and mitigation strategies and apply them at the project level.

Please also see this Amendment Section 1.3, Objectives, for additional detail on runoff and recharge impact and sea level rise.

No additional revisions to the 2014 IRWMP are required.

b) Contribution of project in reducing GHGs compared to project alternatives.

As described above, the Region's project review and prioritization process is outlined in Section 6 of the IRWMP. Section 6.2.3 details the screening criteria that are reviewed when evaluating a project for inclusion in the IRWMP which includes the assessment of a project's contribution in reducing GHG emissions as compared to project alternatives (projects that help reduce the GHG emissions in the Region are preferred).

As discussed in the IRWMP Section 7.2, Benefits of Plan Implementation, the projects identified by the IRWMP Plan meet, at some level, all the Plan objectives described in the Plan, including those relating to reductions in GHG emissions and embedded energy use. While periodic updates and addition of projects will be needed, over the 25-year horizon of the Plan, implementation of the planned projects will continue produce multiple benefits.

No additional revisions to the 2014 IRWMP are required.

c) Specific benefits to critical water issues for Native American tribal communities.

Section 6.2.3 of the IRWMP details the screening criteria that are reviewed when evaluating a project for inclusion in the IRWMP. Identification of the specific benefits to critical water issues for Native American tribal communities (projects that help address critical water supply and water quality needs of Native American tribal communities are encouraged) is one of the criteria used to evaluate a project for inclusion in the IRWMP.

No additional revisions to the 2014 IRWMP are required.

1.6 Plan Performance and Monitoring

a) Each project in the IRWM Plan is monitored to comply with all applicable rules, laws, and permit requirements.

The 2014 IRWMP discusses Plan Performance and Monitoring in Section 10.4 (Plan Performance and Monitoring, pg. 10-26), in which it states that the document is part of an ongoing effort to achieve integrated water management within the Mojave Region and will adapt and respond to changing conditions and new data. Specifically, in Section 10.4.1 (Evaluation of Plan Performance), on pg. 10-27, the IRWMP states that the intent of measuring plan performance and monitoring is to ensure, “Each project is monitored to comply with all applicable rules, laws, and permit requirements.”

No additional revisions to the 2014 IRWMP are required.

- b) Contain policies and procedures that promote adaptive management and, as more effects of Climate Change manifest, new tools are developed, and new information becomes available, adjust IRWM plans accordingly.*

The 2014 IRWMP currently meets this new requirement in IRWMP Section 12.6 (Next Steps for Future IRWM Plan Updates) and specifically discusses how the IRWMP will adapt to new climate research in Section 12.6.1 (Updates on Climate Change Research, pg. 12-27), and Section 12.6.5 (Adaptation and Mitigation Strategies at the Project Level, pg. 12-30).

IRWMP Section 8.4 (Plan Updates and Changes, pg. 8-13) provides the process for when and how the IRWMP will be adjusted to address changing conditions and utilize new data.

No additional revisions to the 2014 IRWMP are required.

1.7 Relation to Local Water Planning

- a) Discuss how the plan relates to other planning documents and programs, including development of a stormwater resource and plan and Groundwater Sustainability Plan.*

Coordination between water management and local land use planning entities, including participation in the IRWMP are discussed in IRWMP Section 11. Relation to local land use planning is specifically discussed in IRWMP Section 11.4.1. Stormwater management is specifically addressed in IRWMP Section 3.5 and was the subject of the Mojave Region Functionally Equivalent Stormwater Resources Plan (SWRP) incorporated into the IRWMP in November 2017 (see Attachment E). Groundwater management is discussed in Section 3.2.3.

The 2014 IRWMP will be updated with information relating to the adoption and incorporation of the regional SWRP as well as recent updates relating to compliance with the Sustainable Groundwater Management Act (SGMA). See Section 1.7.1 for edits are made to the IRWMP to further address these local planning efforts.

- b) Consider and incorporate water management issues and climate change adaptation and mitigation strategies from local plans into the IRWM Plan.*

Coordination between water management and local land use planning is specifically discussed in IRWMP Section 11.4. The local plans and regulatory guidance that formed the basis of the climate change analysis in the IRWMP is discussed in Section 12.2. Section 12.6.1 of the IRWMP provides that as research on the climate change impacts in the Region evolves, the information will be reviewed and incorporated into the vulnerability assessment as appropriate.

No additional revisions to the 2014 IRWMP are required.

1.7.1 IRWMP Text Changes

IRWMP Section 3.5. Flood Protection and Stormwater Management (pg. 3-30) will include a new subheading, *3.5.3.5 "Stormwater Resources Plan (SWRP)."*

3.5.3.5 Stormwater Resources Plan (SWRP) (new Section)

In 2017, the Mojave Region, developed a regional, multi-agency, SWRP as an extension of the IRWMP process meant to bring an integrated and watershed-based approach to managing and creating benefits from stormwater.

The SWRP includes all components required by the Water Code (CA Water Code § 10562 (b)(7) (i.e. SB 985)). The document was incorporated into the IRWMP by consensus vote of the RWMG and TAC on November 5, 2017 and is pending approval by the SWRCB. The SWRP will help entities in the Mojave Region identify, prioritize, and implement stormwater projects.

The self-certification of completion of the Mojave region Functionally Equivalent SWRP is provided in Attachment E.

IRWMP Section 10.3.1.1. AB3030 Groundwater Management Plans (GMWPs) (pg. 10-16) will be edited as follows:

10.3.1.1 Regional Groundwater Management Plans

10.3.1.1.1 AB 3030 Groundwater Management Plans (GMWPs)

The 2004 RWMP contained components included in California Water Code Sections 10750-10753.10 related to GWMPs. The California State Legislature passed Assembly Bill 3030 (AB 3030) during the 1992 legislative session allowing local agencies to develop GWMPs. Senate Bill 1938 was passed by the Legislature on September 16, 2002 and made changes and additions to sections of the Water Code created by AB 3030. The 2004 RWMP addressed all the relevant components related to GWMPs in the Water Code, as well as the components recommended by DWR in California's Groundwater, Bulletin 118 (DWR 2003).

California Water Code Sections 10750, et seq., originally enacted by Assembly Bill 3030 (AB 3030) in 1993, allow local entities to develop local GWMPs with the intent to encourage cooperative management of local groundwater resources. The GWMP describes groundwater management program activities that will be implemented upon adoption of the GWMP, which, among other components, may include a program for monitoring of groundwater levels and storage.

~~*MWA, in collaboration with other local water agencies, is in the process of developing a GWMP in parallel with this IRWM Plan.*~~

In late 2012, local agencies initiated development of a GWMP. The initiative was paused in 2014 to evaluate possible impacts of potential changes in State groundwater management laws. For more information see Section 10.3.1.1.2 below.

IRWMP Section 10.3.1.1. AB3030 Groundwater Management Plans (GMWPs) (pg. 10-16) will include a new subheading, *10.3.1.1.2 “Sustainable Groundwater Management Act.”*

10.3.1.1.2 Sustainable Groundwater Management Act (new Section)

The Sustainable Groundwater Management Act (SGMA) passed in 2014 and was amended in 2015 creating a framework for sustainable, local groundwater management in California. SGMA directed DWR to identify and prioritize groundwater basins for the purpose of implementing SGMA and requires the creation of groundwater sustainability agencies (GSAs), and that groundwater sustainability plans (GSPs or Alternative GSPs be completed for critically overdrafted basins no later than 2020 and for medium and high priority basins no later than 2022.

The RWMG plans to continue with the update of the GWMP that will consider criteria laid out in the new SGMA Regulations. The majority of the Mojave IRWMP Region is part of an adjudicated basin pursuant to: (1) Stipulated Judgment in City of Barstow, et. al., vs. City of Adelanto, et al. Riverside County Superior Court Case No. 2018568 and (2) Hi-Desert Water District vs. Yucca Valley Water Company Ltd, San Bernardino County Court Case No. 172103. SGMA does not apply to these adjudicated areas. However, there are “fringe areas” adjacent to and just outside of the adjudicated areas.

1.8 Relation to Local Land Use Planning

a) Demonstrate information sharing and collaboration with regional land use planning.

IRWMP Section 11.5 (Dynamics and Coordination between Local Planning and IRWM Planning) describes the linkages, coordination and dynamics between the IRWMP and local planning. This section also describes how information is shared, how regional planning efforts feed back into local planning efforts and provides mechanisms to ensure consistency and coordination with the California Water Plan and other relevant planning documents.

IRWMP Section 11.5.1.4 specifically identifies the challenges that climate change presents where advancements in research in this field may frequently outpace local planning efforts that require a regional approach. IRWMP Section 12 (Climate Change) identifies vulnerabilities for water resources and adaptation strategies (e.g., flood management should be integrated with watershed management on open space, agricultural, wildlife areas, and other low-density lands to better utilize natural floodplain processes and restore, maintain and improve existing flood control and riparian corridors). That analysis will feed back to local planning efforts through briefings to the Stakeholder group and RWMG and commitments by IRWMP participants to incorporate information into future local planning efforts.

No additional revisions to the 2014 IRWMP are required.

1.9 Stakeholder Involvement

- a) *Contain a public process that provides outreach and opportunity to participate in the IRWM plan. Note that tribes are sovereign nations as such coordination with tribes is on a government-to-government basis.*
- b) *Identify process to involve and facilitate stakeholders during development and implementation of IRWM plan regardless of ability to pay.*

Section 1.2 (Stakeholder Involvement) of the 2014 IRWMP provides a thorough discussion of the stakeholder involvement process for the Mojave Region including how areas outside of the Planning Area are outreached to and including outreach specifically to DACs and Native American tribal communities. The implemented outreach efforts described in the IRWMP encourage involvement of diverse groups and outreach to new interested parties. There is no required fee or other barriers to involvement.

Section 8.2 of the IRWMP (Governance Structure Used for Plan Development) how the RWMG was formed, and the process used to solicit public involvement and to provide balanced access and opportunity for participation. Section 8.2.4 details how the governance structure provides for balanced access and opportunity for participation.

Section 11 of the 2014 IRWMP Update discusses how the local planning entities, State and Federal Agencies, DACs, Native American Tribes, and the general public are encouraged to participate in the IRWMP. The section discusses how the planning process for the IRWMP has been and will continue to be highly accessible to the public with multiple opportunities and methods implemented to encourage participation.

Section 1.2.3.3, Tribal Outreach, of the 2014 IRWMP has been updated to specifically note that Tribes are sovereign nations, and as such coordination with Tribes is on a government-to-government basis.

1.9.1 IRWMP Text Changes

The following text is added to the end of IRWMP Section 1.2.3.3, Tribal Outreach, pg. 1-22:

It is noted that Tribes are sovereign nations, and as such coordination with Tribes is on a government-to-government basis.

1.10 Climate Change

- a) *Evaluate IRWM region's vulnerabilities to climate change and potential adaptation responses based on vulnerabilities assessment in the DWR Climate Change Handbook for Regional Water Planning (1). Addition in 2016 GL - "At a minimum, the vulnerability evaluation must be equivalent to the vulnerability assessment contained in the Climate Change Handbook for Regional Water Planning, Section 4 and Appendix B."*

The 2014 IRWMP provides a summary of the projected climate change impacts on the Region in Section 3.6 (Vulnerability to Climate Change, pg. 3-36). Section 12 of the IRWMP (Climate Change) provides a thorough evaluation of climate change including predictive modeling,

identification of vulnerabilities, prioritization of vulnerabilities, and plans for future climate change updates. The detailed Climate Change Vulnerability Checklist is found in Appendix C.3 of the IRWMP.

No additional revisions to the 2014 IRWMP are required.

- b) Provide a process that considers GHG emissions when choosing between project alternatives (1). Addition in 2016 GL - "At a minimum, that process must determine a project's ability to help the IRWM region reduce GHG emissions as new projects are implemented over a 20-year planning horizon and consider energy efficiency and reduction of GHG emissions when choosing between project alternatives."*

Please see response to items (a) and (b) under Amendment Section 1.5 above.

No additional revisions to the 2014 IRWMP are required.

- c) Include a list of prioritized vulnerabilities based on the vulnerability assessment and the IRWM's decision making process. Addition in 2016 GL - "A list of prioritized vulnerabilities which includes a determination regarding the feasibility for the RWMG to address the priority vulnerabilities."*

Section 12.5 of the IRWMP (Vulnerability Prioritization) provides a prioritization of the Region's watershed characteristics based on the climate change vulnerability assessment discussed in Section 12.4 and provided in Appendix C.3 (Climate Change Vulnerability Checklist).

The IRWMP further discusses mitigation and adaptation strategies (See IRWMP Section 12.5.1) available to assist the Region in reducing or minimizing GHG emissions and deal with the impacts of climate change. Section 12.5.4 documents the specific actions that the RWMP and Mojave Region stakeholders can take to address climate change vulnerability; Section 12.5.4 illustrates that IRWMP projects can feasibly address and ameliorate climate change vulnerabilities.

- d) Address adapting to changes in the amount, intensity, timing, quality, and variability of runoff and recharge.*

Please see response to item (a) under Amendment Section 1.3 above.

No additional revisions to the 2014 IRWMP are required.

- e) Areas of the State that receive water imported from the Sacramento-San Joaquin River Delta, the area within the Delta, and areas served by coastal aquifers must also consider the effects of sea level rise (SLR) on water supply conditions and identify suitable adaptation measures.*

Please also see response to item (b) under Amendment Section 1.3 above.

No additional revisions to the 2014 IRWMP are required.

Attachment A: DWR Plan Review Tool

Date: April 16, 2018

IRWM Plan Review Form

(Per 2016 Plan Standards)

IRWM Planning Region:

Lahontan and Colorado River Funding Areas

Regional Water Management Group:

Mojave Region

IRWM Plan Title:

Mojave Region IRWMP (June 2014)

DWR Reviewer:

RESULT: PLAN IS SUFFICIENT

IRWM Plan Standard	Overall Standard Sufficient (yes/no)	One or More Requirement(s) Insufficient
Governance	Yes	
Region Description	Yes	
Objectives	Yes	
Resource Management Strategies	Yes	
Integration *	Yes	
Project Review Process	Yes	
Impact and Benefit	Yes	
Plan Performance and Monitoring	Yes	
Data Management	Yes	
Finance	Yes	
Technical Analysis	Yes	
Relation to Local Water Planning	Yes	
Relation to Local Land Use Planning	Yes	
Stakeholder Involvement	Yes	
Coordination	Yes	
Climate Change	Yes	

* If not included as an individual section use Governance, Project Review Process, and Data Management Standards per 2016 Guidelines, p. 52.

Additional Comments:

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IRWM Plan Standard: Governance				Overall Standard Sufficient		Yes
Requirement		Included		Evidence of Plan Sufficiency		Sufficient
	IRWM 2016 Guidelines Page Number	y/n - Present/Not Present in the IRWM Plan. If y/n/q, qualitative evaluation needed.	Location of Standard in Grantee IRWM Plan	Brief Qualitative Evaluation		y/n
The RWMG and individual project proponents who adopted the Plan"	37	y/n	IRWMP Section 1.5	Please also see Amendment Section 1.1.1. Updated status of IRWMP adoptions.		y
A description of the IRWM governance structure including a discussion of whether or how Native American tribes will participate in the RWMG.	37	y/n	IRWMP Sections: 1.2.3.3, 8.2, 8.3, and 8.3.5.	The IRWMP currently meets this standard.		y
A description of how the chosen form of governance addresses and insures:						
Public outreach and involvement processes	37	y/n/q	y	Sections 1.2.3, 8.2.2, and 8.3.5		y
Effective decision making	37	y/n/q	y	Sections 8.2.3, 8.2.4, and App A.4		y
Balanced access and opportunity for participation in the IRWM process	37	y/n/q	y	Sections 1.2, 8.2.4, and 8.2.5		y
Effective communication – both internal and external to the IRWM region	37	y/n/q	y	Sections 8.2.5, 8.2.6, 8.3.6, and 8.3.7		y
Long term implementation of the IRWM Plan	37	y/n/q	y	Section 8.3.8		y
Coordination with neighboring IRWM efforts and State and federal agencies	37	y/n/q	y	Sections 7.2.3, 8.2.6, and 8.3.7		y
The collaborative process(es) used to establish plan objectives	38	y/n/q	y	Sections 4.1, 4.2, and 4.3		y
How interim changes and formal changes to the IRWM Plan will be performed	38	y/n/q	y	Section 8.4		y
Updating or amending the IRWM Plan	38	y/n/q	y	Section 8.4.1		y

IRWM Plan Standard Requirements for 2016 IRWM Guidelines in Addition to Previously Required 2012 IRWM Guideline Requirements. See Appendix H in IRWM 2016 Guidelines.

IRWM Plan Standard: Region Description				Overall Standard Sufficient		Yes
Requirement				Evidence of Plan Sufficiency		Sufficient
From IRWM 2016 Guidelines	IRWM 2016 Guidelines Page Number	Included		Location of Standard in Grantee IRWM Plan	Brief Qualitative Evaluation	y/n
		y/n - Present/Not Present in the IRWM Plan. If y/n/q, qualitative evaluation needed.				
If applicable, describe and explain how the plan will help reduce dependence on the Delta supply regionally.	38	y/n	y	Sections 4.2.8.1 and 4.3		y
Describe watersheds and water systems	38	y/n	y	Sections 1.1.2, 1.1.4, 2.2, 2.6, and 2.8		y
Describe internal boundaries	38	y/n	y	Sections 1.1.1, 2.2, 2.3, 2.7, 2.8, and 2.10		y
Describe water supplies and demands for minimum 20 year planning horizon	38	y/n	y	Sections 2.7, 3.2, and 3.3		y
Describe social and cultural makeup, including specific information on DACs and tribal communities in the region and their water challenges.	38	y/n/q	y	Sections 2.5, 2.10.1.4, 2.10.2.4, 2.10.3.4, and 2.10.4.5		y
Describe major water related objectives and conflicts (1).	38	y/n/q	y	Sections 4.2 and 4.3		y
Explain how IRWM regional boundary was determined and why region is an appropriate area for IRWM planning.	38	y/n/q	y	Sections 1.1.1 and 1.1.6		y
Describe neighboring and/or overlapping IRWM efforts	38	y/n	y	Sections 7.2.3 and 8.2.6		y
Explain how opportunities are maximized (e.g. people at the table, natural features, infrastructure) for integration of water management activities	38	y/n	y	Sections 1.1, 1.2, and 1.3.1		y
Describe water quality conditions. If the IRWM region has areas of nitrate, arsenic, perchlorate, or hexavalent chromium contamination, the Plan must include a description of location, extent, and impacts of the contamination; actions undertaken to address the contamination, and a description of any additional actions needed to address the contamination (2).	38	y/n	y	Section 3.4	The IRWMP currently meets this standard.	y
Describe likely Climate Change impacts on their region as determined from the vulnerability assessment.	38	y/n	y	Sections 3.6 and 12.	The IRWMP currently meets this standard.	y

IRWM Plan Standard Requirements for 2016 IRWM Guidelines in Addition to Previously Required 2012 IRWM Guideline Requirements. See Appendix H in IRWM 2016 Guidelines.

(1) Requirement must be addressed per CWC §10541 (e)(3).

(2) Requirement must be addressed per CWC §10541 (e)(14).

IRWM Plan Standard: Plan Objectives				Overall Standard Sufficient		Yes
Requirement				Evidence of Plan Sufficiency		Sufficient
From IRWM 2016 Guidelines	IRWM 2016 Guidelines Page Number	Included	Location of Standard in Grantee IRWM Plan	Brief Qualitative Evaluation		y/n
Through the objectives or other areas of the plan, the 7 items on pg 49 of GL are addressed (1).	49	y/n	Sections 2.6.2.3, 3.3.2.2, 3.4.4.2.4, 4.2.5, 4.2.6, 4.3, 5.2.1, 5.2.4, and 5.2.6			y
Describe the collaborative process and tools used to establish objectives: - How the objectives were developed - What information was considered (i.e., water management or local land use plans, etc.) - What groups were involved in the process - How the final decision was made and accepted by the IRWM effort	48 - 50	y/n	Sections 4.1, 4.2, and 4.3			y
Identify quantitative or qualitative metrics and measurable objectives: Objectives must be measurable - there must be some metric the IRWM region can use to determine if the objective is being met as the IRWM Plan is implemented. Neither quantitative nor qualitative metrics are considered inherently better (2).	49	y/n/q	Section 4.3.1			y
Explain how objectives are prioritized or reason why the objectives are not prioritized	50	y/n/q	Section 4.3			y
Reference specific overall goals for the region: RWMMs may choose to use goals as an additional layer for organizing and prioritizing objectives, or they may choose to not use the term at all.	50	y/n	Sections 1.3.1 and 4.1			y
Address adapting to changes in the amount, intensity, timing, quality and variability of runoff and recharge.	39	y/n	Sections 3.6 and 12.	The IRWMP currently meets this standard.		y
Consider the effects of sea level rise (SLR) on water supply conditions and identify suitable adaptation measures.	39	y/n	Sections 2.6.2, 12.4.4.1, 12.5.2, and 12.4	The IRWMP currently meets this standard.		y
Reducing energy consumption, especially the energy embedded in water use, and ultimately reducing GHG emissions.	39	y/n	Sections 12.6.4 and 12.6.5	The IRWMP currently meets this standard.		y
In evaluating different ways to meet IRWM plan objectives, where practical, consider the strategies adopted by CARB in its AB 32 Scoping Plan1.	39	y/n	Sections 12.2.1.3 and 12.5.1.1	The IRWMP currently meets this standard.		y
Consider options for carbon sequestration and using renewable energy where such options are integrally tied to supporting IRWM Plan objectives.	39	y/n	Sections 12.2.1.3 and 12.5.1.1	The IRWMP currently meets this standard.		y

IRWM Plan Standard Requirements for 2016 IRWM Guidelines in Addition to Previously Required 2012 IRWM Guideline Requirements. See Appendix H in IRWM 2016 Guidelines.

- (1) Requirement must be addressed per CWC §10540 (c).
(2) Requirement must be addressed per CWC §10541 (e).

IRWM Plan Standard: Resource Management Strategies (RMS)					Overall Standard Sufficient		Yes
Requirement		Included		Evidence of Plan Sufficiency			Sufficient
From IRWM 2016 Guidelines	IRWM 2016 Guidelines Page Number	y/n - Present/Not Present in the IRWM Plan. If y/n/q, qualitative evaluation needed.	Location of Standard in Grantee IRWM Plan	Brief Qualitative Evaluation			y/n
Address which RMS will be implemented in achieving IRWM Plan Objectives (1).	39	y/n	y	Section 5.1 and 5.2	y		
Identify RMS incorporated in the IRWM Plan: Consider all California Water Plan (CWP)RMS criteria (29) listed in Table 3 from the CWP Update 2013	39	y/n	y	Section 5	The IRWMP currently meets this standard.		
Consideration of climate change effects on the IRWM region must be factored into RMS. Identify and implement, 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. <ul style="list-style-type: none">• Demonstrate how the effects of climate change on its region are factored into its RMS.• Reducing energy consumption, especially the energy embedded in water use, and ultimately reducing GHG emissions.• An evaluation of RMS and other adaptation strategies and ability of such strategies to eliminate or minimize those vulnerabilities, especially those impacting water infrastructure systems (2).	39	y/n	y	Sections 5.1, 12, and 12.5	The IRWMP currently meets this standard.		
					y		

IRWM Plan Standard Requirements for 2016 IRWM Guidelines in Addition to Previously Required 2012 IRWM Guideline Requirements. See Appendix H in IRWM 2016 Guidelines.

- (1) Requirement must be addressed per CWC §10540 (e)(1).
(2) Requirement must be addressed per CWC §10540 (e)(10).

IRWM Plan Standard: Integration				Overall Standard Sufficient		Yes
Requirement				Evidence of Plan Sufficiency		Sufficient
From IRWM 2016 Guidelines	IRWM 2016 Guidelines Page Number	Included		Location of Standard in Grantee IRWM Plan	Brief Qualitative Evaluation	y/n
		y/n - Present/Not Present in the IRWM Plan. If y/n/q, qualitative evaluation needed.				
Contains structure and processes for developing and fostering integration ¹ : - Stakeholder/institutional - Resource - Project implementation	39	y/n/q	y	Sections 1.1, 1.2, 1.2.4, 1.3.1, 6.1, 11.1, 11.2, 11.3, and 11.4		y

1. If not included as an individual section use Governance, Project Review Process, and Data Management Standards per 2016 IRWM Guidelines, p. 52.

IRWM Plan Standard: Project Review Process					Overall Standard Sufficient	Yes
Requirement		IRWM 2016 Guidelines Page Number	Included		Evidence of Plan Sufficiency	Sufficient
From IRWM 2016 Guidelines			Y/n - Present/Not Present in the IRWM Plan. If y/n/q, qualitative evaluation needed.	Location of Standard in Grantee IRWM Plan	Brief Qualitative Evaluation	y/n
Process for projects included in IRWM plan must address 3 components: - procedures for submitting projects - procedures for reviewing projects - procedures for communicating lists of selected projects		39 - 40	y/n	y	Sections 6.1, 6.2, and 6.4	y
Does the project review process in the plan incorporate the following factors:						
How a project contributes to plan objectives		40	y/n	y	Sections 6.1 and 6.2	y
How a project is related to Resource Management Strategies identified in the plan.		40	y/n	y	Section 6.2.3	y
The technical feasibility of a project.		40	y/n	y	Sections 6.2.1 and 6.2.3	y
A projects specific benefits to a DAC water issue.		40	y/n	y	Section 6.2.3 y	y
Environmental Justice considerations.		40	y/n	y	Section 6.2.3 y	y
Project costs and financing		40	y/n	y	Section 6.2.3	y
Address economic feasibility		40	y/n	y	Sections 6.2.1 and 6.2.3	y
Project status		40	y/n	y	Section 6.2.3	y
Strategic implementation of plan and project merit		40	y/n	y	Section 6.2.3	y
Status of the Project Proponent's IRWM plan adoption		40	y/n	y	Section 6.2.1	y
Project's contribution to reducing dependence on Delta supply (for IRWM regions receiving water from the Delta).		40	y/n	y	Section 6.2.3	y
Project's contribution to climate change adaptation. • Include potential effects of Climate Change on the region and consider if adaptations to the water management system are necessary (1). • Consider the contribution of the project to adapting to identified system vulnerabilities to climate change effects on the region. • Consider changes in the amount, intensity, timing, quality and variability of runoff and recharge. • Consider the effects of SLR on water supply conditions and identify suitable adaptation measures.		40	y/n	y	Sections 1.3, 6, 6.2.3, 3.6, 4.4, 12, 12.6.5 The IRWMMP currently meets this standard.	y
Contribution of project in reducing GHGs compared to project alternatives. • Consider the contribution of the project in reducing GHG emissions as compared to project alternatives • Consider a project's ability to help the IRWM region reduce GHG emissions as new projects are implemented over the 20-year planning horizon. • Reducing energy consumption, especially the energy embedded in water use, and ultimately reducing GHG emissions.		40	y/n	y	Sections 6, 6.2.3 and 7.2 The IRWMMP currently meets this standard.	y
Specific Benefits to critical water issues for Native American tribal communities.		53	y/n	y	Section 6.2.3 The IRWMMP currently meets this standard.	y

IRWM Plan Standard Requirements for 2016 IRWM Guidelines in Addition to Previously Required 2012 IRWM Guideline Requirements. See Appendix H in IRWM 2016 Guidelines.

(1) Requirement must be addressed per CWC §10540 (e)(10).

IRWM Plan Standard: Impact and Benefit				Overall Standard Sufficient		Yes
Requirement		Included		Evidence of Plan Sufficiency		Sufficient
IRWM 2016 Guidelines Requirement	IRWM 2016 Guidelines Page Number	y/n - Present/Not Present in the IRWM Plan. If y/n/q, qualitative evaluation needed.	Location of Standard in Grantee IRWM Plan	Brief Qualitative Evaluation		y/n
Discuss potential impacts and benefits of plan implementation within IRWM region, between regions, with DAC/EJ concerns and Native American Tribal communities	40	y/n	Section 7.0			y
State when a more detailed project-specific impact and benefit analysis will occur (prior to any implementation activity)	55	y/n	Section 7.1, 2nd paragraph			y
Review and update the impacts and benefits section of the plan as part of the normal plan management activities	55 - 56	y/n	Section 7.1, 4th paragraph			y

IRWM Plan Standard: Plan Performance and Monitoring					Overall Standard Sufficient		Yes
Requirement			Included		Evidence of Plan Sufficiency		Sufficient
IRWM 2016 Guidelines Requirement	IRWM 2016 Guidelines Page Number	y/n - Present/Not Present in the IRWM Plan. If y/n/q, qualitative evaluation needed.		Location of Standard in Grantee IRWM Plan	Brief Qualitative Evaluation	y/n	
		y/n	y				
	40	y/n	y	Section 10.4			
	40	y/n	y	Section 10.4			
	58	y/n	y	Section 10.4.1			
Contain performance measures and monitoring methods to ensure that IRWM objectives are met (1).		40	y/n	y	Section 10.4	y	
Contain a methodology that the RWMG will use to oversee and evaluate implementation of projects.		40	y/n	y	Section 10.4	y	
Each project in the IRWM Plan is monitored to comply with all applicable rules, laws, and permit requirements.		58	y/n	y	Section 10.4.1	The IRWMP currently meets this standard.	y
Contain policies and procedures that promote adaptive management and, as more effects of Climate Change manifest, new tools are developed, and new information becomes available, adjust IRWM plans accordingly.		40	y/n	y	Section 12.6, 12.6.1, 12.6.5 and 8.4	The IRWMP currently meets this standard.	y

IRWM Plan Standard Requirements for 2016 IRWM Guidelines in Addition to Previously Required 2012 IRWM Guideline Requirements. See Appendix H in IRWM 2016 Guidelines.

(1) Requirement must be addressed per CWC §10541 (e)(7).

IRWM Plan Standard: Data Management				Overall Standard Sufficient		Yes
Requirement		Included		Evidence of Plan Sufficiency		Sufficient
IRWM 2016 Guidelines Requirement	IRWM 2016 Guidelines Page Number	y/n - Present/Not Present in the IRWM Plan. If y/n/q, qualitative evaluation needed.	Location of Standard in Grantee IRWM Plan	Brief Qualitative Evaluation		y/n
Describe data needs within the IRWM region	59 - 60	y/n	Section 10.3.3			y
Describe typical data collection techniques	59 - 60	y/n	Section 10.2.1 and 10.3			y
Describe stakeholder contributions of data to a data management system	59 - 60	y/n	Sections 10.2.1, 10.2.2, and 10.3			y
Describe the entity responsible for maintaining data in the data management system	59 - 60	y/n	Section 10.3			y
Describe the QA/QC measures for data	59 - 60	y/n	Section 10.3.4, Section 10.2			y
Explain how data collected will be transferred or shared between members of the RWMG and other interested parties throughout the IRWM region, including local, State, and federal agencies (1).	59 - 60	y/n	Sections 10.2, 10.3, 10.3.5, and Table 10-2			y
Explain how the Data Management System supports the RWMG's efforts to share collected data	59 - 60	y/n	Section 10.2			y
Outline how data saved in the data management system will be distributed and remain compatible with State databases including CEDEN, Water Data Library (WDL), CASGEM, California Environmental Information Catalog (CEIC), and the California Environmental Resources Evaluation System (CERES).	59 - 60	y/n	Section 10.3.5			y

(1) Requirement must be addressed per CWC §10541 (e)(12).

IRWM Plan Standard: Finance				Overall Standard Sufficient		Yes
Requirement				Evidence of Plan Sufficiency		Sufficient
IRWM 2016 Guidelines Requirement	IRWM 2016 Guidelines Page Number	Included		Location of Standard in Grantee IRWM Plan	Brief Qualitative Evaluation	y/n
		y/n - Present/Not Present in the IRWM Plan. If y/n/q, qualitative evaluation needed.				
Include a programmatic level (i.e. general) plan for implementation and financing of identified projects and programs (1) including the following:	41	y/n	y	Sections 9 and 9.4		y
List known, as well as, possible funding sources, programs, and grant opportunities for the development and ongoing funding of the IRWM Plan.	41	y/n	y	Section 9.2, Table 9-3b, and Appendix E		y
List the funding mechanisms, including water enterprise funds, rate structures, and private financing options, for projects that implement the IRWM Plan.	41	y/n	y	Section 9.1		y
An explanation of the certainty and longevity of known or potential funding for the IRWM Plan and projects that implement the Plan.	41	y/n	y	Sections 9, 9.4 and Tables 9-2 and 9-3b		y
An explanation of how operation and maintenance (O&M) costs for projects that implement the IRWM Plan would be covered and the certainty of operation and maintenance funding.	41	y/n	y	Sections 9, 9.1, and 9.4		y

(1) Requirement must be addressed per CWC §10541 (e)(8).

IRWM Plan Standard: Technical Analysis					Overall Standard Sufficient		Yes
Requirement		Included		Location of Standard in Grantee IRWM Plan	Evidence of Plan Sufficiency		Sufficient
		IRWM 2016 Guidelines Page Number	y/n - Present/Not Present in the IRWM Plan. If y/n/q, qualitative evaluation needed.				
IRWM 2016 Guidelines Requirement					Brief Qualitative Evaluation		y/n
Document the data and technical analyses that were used in the development of the plan (1).		41	y/n	Section 10.1			
			y				y

(1) Requirement must be addressed per CWC §10541 (e)(11).

IRWM Plan Standard: Relation to Local Water Planning					Overall Standard Sufficient		Yes
Requirement			Included		Evidence of Plan Sufficiency		Sufficient
IRWM 2016 Guidelines Requirement	IRWM 2016 Guidelines Page Number	y/n - Present/Not Present in the IRWM Plan. If y/n/q, qualitative evaluation needed.	Location of Standard in Grantee IRWM Plan		Brief Qualitative Evaluation		y/n
Identify a list of local water plans used in the IRWM plan	41	y/n	Section 10.1.1.1				y
Describe the dynamics between the IRWM plan and other planning documents	41	y/n	Sections 4.2.2.1, 4.2.2.2, 11.3, and 11.5				y
Describe how the RWMG will coordinate its water mgmt planning activities	41	y/n	Sections 4.2.2.1, 4.2.2.2, 11.4, 11.5, and 11.6				y
Discuss how the plan relates to these other planning documents and programs. Same as 2012 GL with the following addition: "It should be noted that Water Code § 10562 (b)(7) requires the development of a stormwater resource plan and compliance with these provisions to receive grants for stormwater and dry weather runoff capture projects. Upon development of the stormwater resource plan, the RWMG shall incorporate it into IRWM plan. The IRWM Plan should discuss the processes that it will use to incorporate such plans. " Minor wording differences - e.g. Groundwater Sustainability Plan example in the 2016 Guidelines instead of Groundwater Managementbt Plan in the 2012 Guidelines.	63 - 64	y/n	Section 11, 11.4.1, 3.5, 3.2.3		Please also see Amendment Section 1.7.1.		y
Consider and incorporate water management issues and climate change adaptation and mitigation strategies from local plans into the IRWM Plan.	63 - 64	y/n	Sections 11.4, 12.2 and 12.6.1		The IRWMP currently meets this standard.		y

IRWM Plan Standard Requirements for 2016 IRWM Guidelines in Addition to Previously Required 2012 IRWM Guideline Requirements. See Appendix H in IRWM 2016 Guidelines.

IRWM Plan Standard: Relation to Local Land Use Planning				Overall Standard Sufficiency		Yes
Requirement		Included		Evidence of Plan Sufficiency		Sufficient
IRWM 2016 Guidelines Requirement	IRWM 2016 Guidelines Page Number	y/n - Present/Not Present in the IRWM Plan. If y/n/q, qualitative evaluation needed.	Location of Standard in Grantee IRWM Plan	Brief Qualitative Evaluation		y/n
Document current relationship between local land use planning, regional water issues, and water management objectives	41	y/n	Sections 1.2, 4.2.2, 4.2.3, 11.4, and 11.5			y
Document future plans to further a collaborative, proactive relationship between land use planners and water managers	41	y/n	Sections 4.2.2, 4.2.3, 11.4, and 11.5			y
Demonstrate information sharing and collaboration with regional land use planning in order to manage multiple water demands throughout the state, adapt water management systems to climate change, and potentially offset climate change impacts to water supply in California.	41	y/n	Section 11.5, 11.5.1.4 and 12.	The IRWMP currently meets this standard.		y

IRWM Plan Standard Requirements for 2016 IRWM Guidelines in Addition to Previously Required 2012 IRWM Guideline Requirements. See Appendix H in IRWM 2016 Guidelines.

IRWM Plan Standard: Stakeholder Involvement				Overall Standard Sufficient		Yes
Requirement		Included		Evidence of Plan Sufficiency		Sufficient
IRWM 2016 Guidelines Requirement	IRWM 2016 Guidelines Page Number	y/n - Present/Not Present in the IRWM Plan. If y/n/q, qualitative evaluation needed.	Location of Standard in Grantee IRWM Plan	Brief Qualitative Evaluation		y/n
Discuss involvement of DACs and tribal communities in the IRWM planning effort	41 - 42	y/n y	Sections 1.2.2.5, 1.2.2.6, 1.2.3.2, 1.2.3.3, and 8.3.5			y
Describe decision-making process and roles that stakeholders can occupy	41 - 42	y/n y	Sections 8.2.1, 8.2.3, 8.3.2.3, and Table 8-1			y
Discuss how stakeholders are necessary to address objectives and RMS	41 - 42	y/n y	Section 8.3.2.3			y
Discuss how a collaborative process will engage a balance in interest groups	41 - 42	y/n y	Sections 1.1.5, 1.2, and 8.2.4, Appendix A.4			y
Contain a public process that provides outreach and opportunity to participate in the IRWM plan (1). Per 2016 GL: "Native American tribes – It should be noted that tribes are sovereign nations, and as such coordination with tribes is on a government-to-government basis."	41 - 42	y/n q	Sections 1.2, 8.2, 11, and 1.2.3.3	Please also see Amendment Section 1.9.1. Updates made to IRWMP Section 1.2.3.3		y
Identify process to involve and facilitate stakeholders during development and implementation of IRWM plan regardless of ability to pay; include description of any barriers to involvement (2). "Stakeholder Involvement" in the 2012 GL is referred to "Native American Tribe and Stakeholder Involvement" in the 2016 GL and Tribes are referred to specifically.	41 - 42	y/n q	Sections 1.2, 8.2, 11, and 1.2.3.3	Please also see Amendment Section 1.9.1. Updates made to IRWMP Section 1.2.3.3		y

IRWM Plan Standard Requirements for 2016 IRWM Guidelines in Addition to Previously Required 2012 IRWM Guideline Requirements. See Appendix H in IRWM 2016 Guidelines.

- (1) Requirement must be addressed per CWC §10541 (g).
(2) Requirement must be addressed per CWC §10541 (h)(2).

IRWM Plan Standard: Coordination				Overall Standard Sufficient		Yes
Requirement		Included		Evidence of Plan Sufficiency		Sufficient
IRWM 2016 Guidelines Requirement	IRWM 2016 Guidelines Page Number	y/n - Present/Not Present in the IRWM Plan. If y/n/q, qualitative evaluation needed.	Location of Standard in Grantee IRWM Plan	Brief Qualitative Evaluation		
Identify the process to coordinate water management projects and activities of participating local agencies and stakeholders to avoid conflicts and take advantage of efficiencies (1).	42	y/n	Sections 6.1, 11.3, and 11.4			y
Identify neighboring IRWM efforts and ways to cooperate or coordinate, and a discussion of any ongoing water management conflicts with adjacent IRWM efforts	42	y/n	Section 7.2.3, 8.2.6, and 8.3.7			y
Identify areas where a state agency or other agencies may be able to assist in communication or cooperation, or implementation of IRWM Plan components, processes, and projects, or where State or federal regulatory decisions are required before implementing the projects.	42	y/n	Section 11.2			y

(1) Requirement must be addressed per CWC §10541 (e)(13).

IRWM Plan Standard: Climate Change					Overall Standard Sufficient		Yes
Requirement		Included			Evidence of Plan Sufficiency		Sufficient
IRWM 2016 Guidelines Requirement		IRWM 2016 Guidelines Page Number	y/n - Present/Not Present in the IRWM Plan. If y/n/a, qualitative evaluation needed.	Location of Standard in Grantee IRWM Plan	Brief Qualitative Evaluation		y/n
Contain a plan, program, or methodology for further data gathering and analysis of prioritized vulnerabilities.		42 - 44	y/n	Section 12.6			y
Include climate change as part of the project review process.		42 - 44	y/n	Section 6.2.3			y
Evaluate IRWM region's vulnerabilities to climate change and potential adaptation responses based on vulnerabilities assessment in the DWR Climate Change Handbook for Regional Water Planning (1). Addition in 2016 GL - "At a minimum, the vulnerability evaluation must be equivalent to the vulnerability assessment contained in the Climate Change Handbook for Regional Water Planning, Section 4 and Appendix B."		42 - 44	y/n	Sections 3. and 12	The IRWMP currently meets this standard.		y
Provide a process that considers GHG emissions when choosing between project alternatives (1). Addition in 2016 GL - "At a minimum, that process must determine a project's ability to help the IRWM region reduce GHG emissions as new projects are implemented over a 20-year planning horizon and consider energy efficiency and reduction of GHG emissions when choosing between project alternatives."		42 - 44	y/n	Sections 6, 6.2.3, 3.6, 4.4, 7.2, 12, 12.6.5, and 1.3	The IRWMP currently meets this standard.		y
Include a list of prioritized vulnerabilities based on the vulnerability assessment and the IRWM's decision making process. Addition in 2016 GL - "A list of prioritized vulnerabilities which includes a determination regarding the feasibility for the RWMG to address the priority vulnerabilities."		42 - 44	y/n	Sections 12.4, 12.5 and 12.5.1	The IRWMP currently meets this standard.		y
Address adapting to changes in the amount, intensity, timing, quality, and variability of runoff and recharge.		42 - 44	y/n	Sections 3.6 and 12	The IRWMP currently meets this standard.		y
Areas of the State that receive water imported from the Sacramento-San Joaquin River Delta, the area within the Delta, and areas served by coastal aquifers must also consider the effects of sea level rise (SLR) on water supply conditions and identify suitable adaptation measures.		42 - 44	y/n	Sections 2.6.2, 12.4.4.1, 12.5.2 and 12.5.4	The IRWMP currently meets this standard.		y

IRWM Plan Standard Requirements for 2016 IRWM Guidelines in Addition to Previously Required 2012 Guideline Requirements. See Appendix H in IRWM 2016 Guidelines.

(1) Requirement must be addressed per CWC §10541 (e)(9).

**Attachment B: DWR Confirmation Letter of 2014 IRWMP
Consistency with Proposition 84 IRWM Guidelines**

DEPARTMENT OF WATER RESOURCES

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



September 15, 2014

Mr. Lance Eckhart
Mojave Water Agency
13846 Conference Center Drive
Apple Valley, California 92307

Mojave Integrated Regional Water Management Plan Final Review

Dear Mr. Eckhart:

This letter transmits the Department of Water Resources (DWR) final review of the Mojave Integrated Regional Water Management (IRWM) Plan. The public comment period on DWR's review of the Mojave IRWM Plan has closed and no public comments were received. DWR has determined that the Mojave IRWM Plan is consistent with the IRWM Planning Act and the related IRWM Plan Standards contained in the 2012 IRWM Program Guidelines. The final review is posted on the following link:
<http://www.water.ca.gov/irwm/grants/prp.cfm>.

If you have any questions, please contact Craig Cross at (916) 651-9204 or Craig.Cross@water.ca.gov.

Sincerely,

A handwritten signature in cursive script, appearing to read "Tracie L. Billington".

Tracie L. Billington, P.E. Chief
Financial Assistance Branch
Division of Integrated Regional Water Management

INTRODUCTION

IRWM planning regions must have an IRWM Plan that has been reviewed and deemed consistent with the 2012 IRWM Plan Standards by DWR for eligibility to receiving Round 3 Proposition 84 funding. This 2012 IRWM Plan Standards Review Form for DWR staff use provides a consistent means in determining whether the 2012 IRWM Guidelines are being addressed in the IRWM Plan. It is part of the Plan Review Process that will begin prior to Round 3 solicitation. The form is similar to a grant application review form in that there is a checklist for each of the 16 Plan Standards and narrative evaluations where required. However, the evaluation is pass/fail; there is no numeric scoring. Each Plan Standard is either sufficient or not based on its associated requirements. Each Standard consists of between one and fourteen requirements. A Yes or No is automatically calculated in each Plan Standard header based on the individual requirement evaluations. In general, a passing score of "C" (i.e. 70% of the requirements for a given Plan Standard) is required for a Standard to pass. Standards with only one or 2 requirements will need one or both of those requirements to pass. Standards with 3 requirements will need at least 2 of the requirements to pass. Standards with 4 or 5 requirements will need at least 3 to pass. Some plan elements are legislated requirements. Such plan elements must be met in order to be considered consistent with plan standards. A summary of the sufficiency of each Standard is automatically calculated on the Standards Summary worksheet. A "No" evaluation indicates that a Standard was not met due to insufficient requirements comprising the Standard. The evaluation for each Plan Standard and any associated insufficiencies is automatically compiled on the Standards Summary page. Additional reviewer comments may be added at the bottom of each standards work sheet.

Note: This review form is meant to be a tool used in conjunction with the 2012 IRWM Guidelines document to assist in the evaluation of IRWM plans. It is not designed to be a substitute for the Guidelines document itself. Reviewers must use the Guidelines in determining plan consistency.

DEFINITION OF TABLE HEADINGS

IRWM Plan Standard: As named in the November 2012 IRWM Prop 84 and 1E Guidelines.

Overall Standard Sufficient: This field is either "YES" or "NO" and is automatically calculated based on the "Sufficient" column described below. If all fields are "y", the the overall standard is deemed sufficient. Any entry other than a "y" in the Sufficient column (i.e. "n", "?", not sure, more detail needed, etc.) results in a NO.

Plan Standard Requirements Which Must Be Addressed Fields with an asterisk * are required by legislation to be included in an IRWM Plan.

Requirement	Requirements are taken directly from the November 2012 Guidelines.
Included	Is the Guideline Requirement included in the IRWM Plan? The options are: y = yes, requirement is included in the IRWMP; or n = no, requirement is not included in the IRWMP. If only y or n then presence/absence of the requirement is sufficient for evaluation. If there is a "q" (qualitative) then add a brief narrative, similar to a Grant Application Review public evaluation or supporting information.
Plan Standard Source	
2012 IRWM Grant Program Guidelines Source Page(s)	Page(s) in the Guidelines (November 2012) which pertain to the Requirement.
Legislative Support and/or Other Citations	The CWC or other regulations that pertain to the Requirement, if applicable . This is for reference purposes. The cell links to a weblink of the regulatory code.
Evidence of Sufficiency	
Location of Standard in Grantee IRWM Plan	The page(s) or sections in the IRWM Plan where information on the Requirement can be found. This can be specific paragraphs or entire chapters for more general requirements.
Brief Qualitative Evaluation Narrative	Supporting information for the Requirement if a "q" is in the Included column. This can be just a few sentences or a paragraph and can be taken directly from the IRWM Plan. Comments or supporting information may be entered regardless of whether required.
Sufficient	Is the Guidelines requirement sufficiently represented in the IRWM Plan (y/n).

2012 IRWM Plan Standards Review Form

Regional Acceptance Process Planning Region: Mojave
Regional Water Management Group: Mojave
IRWM Plan Title: Mojave IRWM Plan

PLAN IS SUFFICIENT

IRWM Plan Standard	Overall Standard Sufficient	Requirement(s) Insufficient
Governance	Yes	
Region Description	Yes	
Objectives	Yes	
Resource Management Strategies	Yes	
Integration *	Yes	
Project Review Process	Yes	
Impact and Benefit	Yes	
Plan Performance and Monitoring	Yes	
Data Management	Yes	
Finance	Yes	
Technical Analysis	Yes	
Relation to Local Water Planning	Yes	
Relation to Local Land Use Planning	Yes	
Stakeholder Involvement	Yes	
Coordination	Yes	
Climate Change	Yes	

* If not included as an individual section use Governance, Project Review Process, and Data Management Standards per November 2012 Guidelines, p. 44.

Additional Comments:

While deemed consistent with the 2012 Guidelines Plan Standards, DWR recommends that the following be addressed in future IRWM Plan updates:
Project Review Process: (1) Plan states project proponents are "committed" but the project review process doesn't consider plan adoption status of project proponents. (2) Plan review process does not consider a project's contribution to reducing dependency on the Delta for water supply.

IRWM Plan Standard: Governance					Overall Standard Sufficient		Yes
Requirement	Included		Plan Standard Source		Evidence of Sufficiency		Sufficient
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Regulatory and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Document a governance structure to ensure updates to the IRWM Plan							
The name of the RWMG responsible for implementation of the IRWMP	y/n	y	18/35	CWC §10539	Section 1.1.4	The Mojave RWMG was formed through a Memorandum of Understanding (MOU) of water management agencies.	y
A description of the IRWM governance structure	y/n	y	19/36		Section 8.2, 8.3 App A.2	The MOU established a Coordinating Committee (CC) comprised of staff of the member agencies that lead development of the IRWM Plan under a charter that defined roles and established parameters of governance. A Project Team with additional members, including volunteers aided the CC in plan development. Decision making was invested by consensus of the Project Team where possible, but a simple majority vote of the CC would otherwise resolve issues. Plan implementation is to be carried on by the CC and RWMG with help from an Implementation Support Team and subcommittees for specific topic focus. Table 8-1 further defines roles and responsibilities.	y
A description of how the chosen form of governance addresses and ensures:							
Public outreach and involvement processes	y/n/q	y	19/36-37	§10540, §10541	Sections 1.2.3, 8.2.2, and 8.3.5	Opportunity to comment on draft IRWMP sections. Nine stakeholder meetings. Website postings and special efforts for DAC and Tribal outreach.	y
Effective decision making	y/n/q	y	19/37		Sections 8.2.3, 8.2.4, and App A.4	The region used facilitated broad agreement to achieve decision making. If a decision could not be made the CC had final say.	y
Balanced access and opportunity for participation in the IRWM process	y/n/q	y	19/37		Sections 1.2, 8.2.4, and 8.2.5	Participation included one-on-one interviews, questionnaires, and meetings.	y
Effective communication – both internal and external to the IRWM region	y/n/q	y	19/37-38		Sections 8.2.5, 8.2.6, 8.3.6, and 8.3.7	Included calls to state and federal agencies and is stated to be an ongoing process.	y
Long term implementation of the IRWM Plan	y/n/q	y	19/38		Section 8.3.8	Long term implementation will rely on actions taken by existing agencies and organizations with the Region.	y
Coordination with neighboring IRWM efforts and State and federal agencies	y/n/q	y	19/38		Sections 7.2.3, 8.2.6, and 8.3.7	Listed and mapped adjacent IRWM regions and described their activities. Included calls to state and federal agencies. Stated to be an ongoing process.	y
The collaborative process(es) used to establish plan objectives	y/n/q	y	19/38		Sections 4.1, 4.2, and 4.3	Includes descriptions of challenges and opportunities.	y
How interim changes and formal changes to the IRWM Plan will be performed	y/n/q	y	19/38		Section 8.4	Plan reviewed and updated at least once every five years, but as often as needed to add new projects.	y
Updating or amending the IRWM Plan	y/n/q	y	19/38		Section 8.4.1	Updating and amending of the plan will be considered at least once every two years and follow their decision making process.	y
Publish NOI to prepare/update the plan; adopt the plan in a public meeting	y/n/q	q	35	CWC §10543	Sections 1.2.1 and 1.5	NOI filed for original plan preparation and adoption done by public meeting protocol.	y

IRWM Plan Standard: Region Description					Overall Standard Sufficient		Yes
Requirement	Included		Plan Standard Source		Evidence of Sufficiency		Sufficient
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Legislative Support and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
If applicable, describe and explain how the plan will help reduce dependence on the Delta supply regionally	y/n	y	20	--	Sections, 4.2.8.1 and 4.3	Objective 4 given high importance and medium urgency, resulting in a Tier 2 priority.	y
Describe watersheds and water systems	y/n	y	19/39	PRC §75026.(b)(1) and CWP Update 2009	Sections 1.1.2, 1.1.4, 2.2, 2.6, and 2.8		y
Describe internal boundaries	y/n	y	19/39	--	Sections 1.1.1, 2.2, 2.3, 2.7, 2.8, and 2.10		y
Describe water supplies and demands for minimum 20 year planning horizon	y/n	y	19/39	--	Sections 2.7, 3.2, and 3.3		y
Describe water quality conditions	y/n	y	19/40	--	Sections 3.4 and 4.2.6		y
Describe social and cultural makeup, including specific information on DACs and tribal communities in the region and their water challenges.	y/n/q	y	19/40	--	Sections 2.5, 2.10.1.4, 2.10.2.4, 2.10.3.4, and 2.10.4.5	The region has a population of approximately 450,000 made up of small dense area spread through out the region. Approximately 80% of the region is DAC and no identified existing Native American tribal reservations into the region.	y
Describe major water related objectives and conflicts *	y/n/q	y	19/40	§10541. (e)(3)	Sections 4.2 and 4.3	The region identified and prioritized major water related challenges/conflicts and developed their objectives to address them.	y
Explain how IRWM regional boundary was determined and why region is an appropriate area for IRWM planning.	y/n/q	y	19/40	--	Sections 1.1.1 and 1.1.6	The region's area was established in 1959 for the purpose of improved management of declining groundwater levels, then expanded in 1965, and then expanded again during the 2009 RAP.	y
Describe neighboring and/or overlapping IRWM efforts	y/n	y	19/40	--	Sections 7.2.3 and 8.2.6		y
Explain how opportunities are maximized (e.g. people at the table, natural features, infrastructure) for integration of water management activities	y/n	y	38	--	Sections 1.1, 1.2, and 1.3.1		y

* Requirement must be addressed.

IRWM Plan Standard: Objectives					Overall Standard Sufficient		Yes
Requirement	Included		Plan Standard Source		Evidence of Sufficiency		Sufficient
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Legislative Support and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Qualitative Narrative	y/n
Through the objectives or other areas of the plan, the 7 items on pg 41 of GL are addressed.*	y/n	y	20/40 - 41	§10540.(c)	Sections 2.6.2.3, 3.3.2.2, 3.4, 4.2.4, 4.2.5, 4.2.6, 4.3, 5.2.1, 5.2.4, and 5.2.6		y
Describe the collaborative process and tools used to establish objectives: - How the objectives were developed - What information was considered (i.e., water management or local land use plans, etc.) - What groups were involved in the process - How the final decision was made and accepted by the IRWM effort	y/n	y	20/41	--	Sections 4.1, 4.2, and 4.3		y
Identify quantitative or qualitative metrics and measureable objectives: Objectives must be measurable - there must be some metric the IRWM region can use to determine if the objective is being met as the IRWM Plan is implemented. Neither quantitative nor qualitative metrics are considered inherently better. *	y/n/q	y	20/41 - 42	10541.(e)	Section 4.3.1	Objectives are measurable by either quantitative or qualitative metrics. The metrics are appropriate for the identified objective.	y
Explain how objectives are prioritized or reason why the objectives are not prioritized	y/n/q	y	20/42-43	--	Section 4.3	The Project Team and stakeholders decided on the priority of the objectives by evaluating their importance and urgency.	y
Reference specific overall goals for the region: RWMGs may choose to use goals as an additional layer for organizing and prioritizing objectives, or they may choose to not use the term at all.	y/n	y	43	--	Sections 1.3.1 and 4.1		y

* Requirement must be addressed.

IRWM Plan Standard: Resource Management Strategies (RMS)						Overall Standard Sufficient	Yes
Requirement	Included		Plan Standard Source		Evidence of Sufficiency		Sufficient
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Legislative Support and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Identify RMS incorporated in the IRWM Plan: Consider all California Water Plan (CWP) RMS criteria (29) listed in Table 3 from the CWP Update 2009 *	y/n	y	20/43	CWP Update 2009 Volume II; 10541(e)(1)	Section 5.1 and 5.2		y
Consideration of climate change effects on the IRWM region must be factored into RMS	y/n	y	20/43	--	Section 12.5	This requirement is met in that they have Table 4-4 "Summary of Ranked Climate Change Vulnerabilities" which are matched with associated objectives, which are later tied to RMS. Chapter 12 also discusses strategies to deal with prioritized vulnerabilities that are essentially RMS.	y
Address which RMS will be implemented in achieving IRWM Plan Objectives	y/n	y	44	--	Section 5.2		y

* Requirement must be addressed.

IRWM Plan Standard: Integration					Overall Standard Sufficient		Yes
Requirement	Included		Plan Standard Source		Evidence of Sufficiency		Sufficient
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Legislative Support and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Contains structure and processes for developing and fostering integration ¹ : - Stakeholder/institutional - Resource - Project implementation	y/n/q	y	20/44 - 45	§10540.(g); §10541.(h)(2)	Sections 1.1, 1.2, 1.2.4, 1.3.1, 6.1, 11.1, 11.2, 11.3, and 11.4		y

1. If not included as an individual section use Governance, Project Review Process, and Data Management Standards per November 2012 Guidelines, p. 44.

IRWM Plan Standard: Project Review Process					Overall Standard Sufficient		Yes
Requirement	Included		Plan Standard Source		Evidence of Sufficiency		Sufficient
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Regulatory and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Process for projects included in IRWM plan must address 3 components: - procedures for submitting projects - procedures for reviewing projects - procedures for communicating lists of selected projects	y/n	y	20/45	§75028.(a)	Sections 6.1, 6.2, and 6.4		y
Does the project review process in the plan incorporate the following factors:							
How a project contributes to plan objectives	y/n	y	20		Sections 6.1 and 6.2		y
How a project is related to Resource Management Strategies identified in the plan.	y/n	y	20		Section 6.2.3		y
The technical feasibility of a project.	y/n	y	20		Sections 6.2.1 and 6.2.3		y
A projects specific benefits to a DAC water issue.	y/n	y	20		Section 6.2.3		y
Environmental Justice considerations.	y/n	y	20		Section 6.2.3		y
Project costs and financing	y/n	y	20		Section 6.2.3		y
Address economic feasibility	y/n	y	21		Sections 6.2.1 and 6.2.3		y
Project status	y/n	y	21		Section 6.2.3		y
Strategic implementation of plan and project merit	y/n	y	21/48		Section 6.2.3		y
Project's contribution to climate change adaptation	y/n	y	21		Section 6.2.3	Section 6.2.3 includes Item #11 : Contribution of the project in adapting to the effects of climate change (projects that contribute to adaptations that can lessen the negative impacts of climate change are encouraged)"	y
Contribution of project in reducing GHGs compared to project alternatives	y/n	y	21		Section 6.2.3	Section 6.2.3 includes Item #12 "Contribution of the project to reducing GHG emissions as compared to project alternatives (projects that help reduce the GHG emissions in the Region are preferred)"	y
Status of the Project Proponent's IRWM plan adoption	y/n	N	21		Section 6.2.1	Plan states project proponents are "committed" but the project review process doesn't consider plan adoption status of project proponents.	N
Project's contribution to reducing dependence on Delta supply (for IRWM regions receiving water from the Delta).	y/n	N	21		Section 6.2.3	Plan review process does not consider a project's contribution to reducing dependency on the Delta for water supply.	N

IRWM Plan Standard: Impact and Benefit					Overall Standard Sufficient		Yes
Requirement	Included		Plan Standard Source		Evidence of Sufficiency		Sufficient
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Legislative Support and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Discuss potential impacts and benefits of plan implementation within IRWM region, between regions, with DAC/EJ concerns and Native American Tribal communities	y/n	y	21	--	Section 7.0		y
State when a more detailed project-specific impact and benefit analysis will occur (prior to any implementation activity)	y/n	y	49	--	Section 7.1, 2nd paragraph		y
Review and update the impacts and benefits section of the plan as part of the normal plan management activities	y/n	y	50	--	Section 7.1, 4th paragraph		y

IRWM Plan Standard: Plan Performance and Monitoring						Overall Standard Sufficient	Yes
Requirement	Included		Plan Standard Source		Evidence of Sufficiency		Sufficient
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Legislative Support and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Contain performance measures and monitoring methods to ensure that IRWM objectives are met *	y/n	y	21/53	PRC §75026.(a)	Section 10.4		y
Contain a methodology that the RWMG will use to oversee and evaluate implementation of projects.	y/n	y	21/53		Section 10.4		y

* Requirement must be addressed.

IRWM Plan Standard: Data Management					Overall Standard Sufficient		Yes
Requirement	Included		Plan Standard Source		Evidence of Sufficiency		Sufficient
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Regulatory and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Describe data needs within the IRWM region	y/n	y	54	--	Section 10.3.3		y
Describe typical data collection techniques	y/n	y	54	--	Section 10.2.1 and 10.3		y
Describe stakeholder contributions of data to a data management system	y/n	y	54	--	Sections 10.2.1, 10.2.2, and 10.3		y
Describe the entity responsible for maintaining data in the data management system	y/n	y	54	--	Section 10.3		y
Describe the QA/QC measures for data	y/n	Y	54	--	Section 10.3.4, Section 10.2	Section 10.2 and Table 10-2 is contains the best discussion of QA/QC measures.	y
Explain how data collected will be transferred or shared between members of the RWMG and other interested parties throughout the IRWM region, including local, State, and federal agencies *	y/n	y	54	--	Sections 10.2, 10.3, 10.3.5, and Table 10-2		y
Explain how the Data Management System supports the RWMG's efforts to share collected data	y/n	y	54	--	Section 10.2		y
Outline how data saved in the data management system will be distributed and remain compatible with State databases including CEDEN, Water Data Library (WDL), CASGEM, California Environmental Information Catalog (CEIC), and the California Environmental Resources Evaluation System (CERES).	y/n	y	54	--	Section 10.3.5		y

* Requirement must be addressed.

IRWM Plan Standard: Finance					Overall Standard Sufficient		Yes
Requirement	Included		Plan Standard Source		Evidence of Sufficiency		Sufficient
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Legislative Support and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Include a programmatic level (i.e. general) plan for implementation and financing of identified projects and programs* including the following:	y/n	y	21	§10541.(e)(8)	Sections 9 and 9.4		y
List known, as well as, possible funding sources, programs, and grant opportunities for the development and ongoing funding of the IRWM Plan.	y/n	y	21		Section 9.2, Table 9-3b, and Appendix E		y
List the funding mechanisms, including water enterprise funds, rate structures, and private financing options, for projects that implement the IRWM Plan.	y/n	y	21		Section 9.1		y
An explanation of the certainty and longevity of known or potential funding for the IRWM Plan and projects that implement the Plan.	y/n	y	21		Sections 9, 9.4 and Tables 9-2 and 9-3b		y
An explanation of how operation and maintenance (O&M) costs for projects that implement the IRWM Plan would be covered and the certainty of operation and maintenance funding.	y/n	y	21		Sections 9, 9.1, and 9.4		y

* Requirement must be addressed.

IRWM Plan Standard: Technical Analysis						Overall Standard Sufficient	Yes
Requirement	Included		Plan Standard Source		Evidence of Sufficiency		Sufficient
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Legislative Support and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Document the data and technical analyses that were used in the development of the plan *	y/n	y	22	--	Section 10.1		y

* Requirement must be addressed.

IRWM Plan Standard: Relation to Local Water Planning					Overall Standard Sufficient		Yes
Requirement	Included		Plan Standard Source		Evidence of Sufficiency		Sufficient
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Legislative Support and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Identify a list of local water plans used in the IRWM plan	y/n	y	22	§10540.(b)	Section 10.1.1		y
Discuss how the plan relates to these other planning documents and programs	y/n	y	22		Sections 4.2.2.1, 10.1.1, and 11.3		y
Describe the dynamics between the IRWM plan and other planning documents	y/n	y	22		Sections 4.2.2.1, 4.2.2.2, 11.3, and 11.5		y
Describe how the RWMG will coordinate its water mgmt planning activities	y/n	y	58		Sections 4.2.2.1, 4.2.2.2, 11.4, 11.5, and 11.6		y

IRWM Plan Standard: Relation to Local Land Use Planning					Overall Standard Sufficient		Yes
Requirement	Included		Plan Standard Source		Evidence of Sufficiency		Sufficient
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Legislative Support and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Document current relationship between local land use planning, regional water issues, and water management objectives	y/n	y	22/59 - 62	--	Sections 1.2, 4.2.2, 4.2.3, 11.4, and 11.5		y
Document future plans to further a collaborative, proactive relationship between land use planners and water managers	y/n	y	22/59 - 62	--	Sections 4.2.2, 4.2.3, 11.4, and 11.5		y

IRWM Plan Standard: Stakeholder Involvement					Overall Standard Sufficient		Yes
Requirement	Included		Plan Standard Source		Evidence of Sufficiency		Sufficient
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Legislative Support and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Contain a public process that provides outreach and opportunity to participate in the IRWM plan *	y/n	y	22/63	§10541.(g)	Sections 1.2.3, 8.2.2,8.2.4, and 8.3.5		y
Identify process to involve and facilitate stakeholders during development and implementation of plan regardless of ability to pay; include barriers to involvement *	y/n	y	64	§10541.(h) (2)	Sections 1.2.3.1, 8.2.2, 8.2.4, and 8.3.5		y
Discuss involvement of DACs and tribal communities in the IRWM planning effort	y/n	y	23	--	Sections 1.2.2.5, 1.2.2.6, 1.2.3.2, 1.2.3.3, and 8.3.5		y
Describe decision-making process and roles that stakeholders can occupy	y/n	y	23	--	Sections 8.2.1, 8.2.3, 8.3.2.3, and Table 8-1		y
Discuss how stakeholders are necessary to address objectives and RMS	y/n	y	23	--	Section 8.3.2.3		y
Discuss how a collaborative process will engage a balance in interest groups	y/n	y	23	--	Sections 1.1.5, 1.2, and 8.2.4, Appendix A.4		y

* Requirement must be addressed.

IRWM Plan Standard: Coordination					Overall Standard Sufficient		Yes
Requirement	Included		Plan Standard Source		Evidence of Sufficiency		Sufficient
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Legislative Support and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Identify the process to coordinate water management projects and activities of participating local agencies and stakeholders to avoid conflicts and take advantage of efficiencies *	y/n	y	23/65	§10541.(e)(13)	Sections 6.1, 11.3, and 11.4		y
Identify neighboring IRWM efforts and ways to cooperate or coordinate, and a discussion of any ongoing water management conflicts with adjacent IRWM efforts	y/n	y	23/65	--	Section 7.2.3, 8.2.6, and 8.3.7		y
Identify areas where a state agency or other agencies may be able to assist in communication or cooperation, or implementation of IRWM Plan components, processes, and projects, or where State or federal regulatory decisions are required before implementing the projects.	y/n	y	23	--	Section 11.2		y

* Requirement must be addressed.

IRWM Plan Standard: Climate Change					Overall Standard Sufficient		Yes
Requirement	Included		Plan Standard Source		Evidence of Sufficiency		Sufficient
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Legislative Support and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Evaluate IRWM region's vulnerabilities to climate change and potential adaptation responses based on vulnerabilites assessment in the DWR Climate Change Handbook for Regional Water Planning *	y/n	y	23/66 - 73	Climate Change Handbook vulnerability assessment: http://www.water.ca.gov/climatechange/CCHandbook.cfm ; November 2012 Guidelines Legislative and Policy Context, p. 66 §10541.(e)(11)	Sections 3.6.2, 12.4, 12.5, and 12.6	* Information derived from USBR report	y
Provide a process that considers GHG emissions when choosing between project alternatives *	y/n	y	23/68		Sections 6.2.3 and 12.5.3	Section 6.2.3 includes Item #12 "Contribution of the project to reducing GHG emissions as compared to project alternatives (projects that help reduce the GHG emissions in the Region are preferred)"	y
Include a list of prioritized vulnerabilites based on the vulnerability assessment and the IRWM’s decision making process.	y/n	y	23/66 - 73		Sections 4.4 and 12.5, and Table 4-4	Table 4-1 (pg 4-4) lists prioritized water-related topics; Table 4-4 "Summary of Ranked Climate Change Vulnerabilities"	y
Contain a plan, program, or methodology for further data gathering and analysis of prioritized vulnerabilities	y/n	y	23/66 - 73		Section 12.6		y
Include climate change as part of the project review process	y/n	y	23/68		Section 6.2.3	Section 6.2.3 includes Item #11 :Contribution of the project in adapting to the effects of climate change (projects that contribute to adaptations that can lessen the negative impacts of climate change are encouraged)"	y

* Requirement must be addressed.

Regulatory Citation	Link	Notes
IRWM Prop 84 and 1E Guidelines	http://www.water.ca.gov/irwm/grants/docs/Guidelines/GL_2012_FINAL.pdf	DWR November 2012 Guidelines - Final
CWC §10539	http://www.leginfo.ca.gov/cgi-bin/displaycode?section=wat&group=10001-11000&file=10532-10539	
CWC §10540, §10541	http://www.leginfo.ca.gov/cgi-bin/displaycode?section=wat&group=10001-11000&file=10540-10543	
CWC §10543	http://www.leginfo.ca.gov/cgi-bin/displaycode?section=wat&group=10001-11000&file=10540-10543	
PRC §75026, §75028, CWP Update 2009, and California Watershed Portal	http://www.leginfo.ca.gov/cgi-bin/displaycode?section=prc&group=75001-76000&file=75020-75029.5	The Department of Water Resources shall give preference to proposals that satisfy the criteria specified in PRC §75026.(b)(1). §75028.(a) - the department shall defer to approved local project selection, and review projects only for consistency with the purposes of Section 75026.
	http://www.waterplan.water.ca.gov/cwpu2009/index.cfm	2009 California Water Plan Volumes I and II
	http://www.conservation.ca.gov/dlrp/watershedportal/Pages/Index.aspx	California Watershed Portal
§10541. (e)(3)	http://www.leginfo.ca.gov/cgi-bin/displaycode?section=wat&group=10001-11000&file=10540-10543	

Attachment C: 2014 Mojave Region IRWM Plan

The 2014 Mojave Region IRWMP is a large PDF file. Please visit the Mojave IRWMP website at the following weblink to view a copy of the document:

<http://www.mywaterplan.com/>.

To access a direct link to the PDF, please copy the following link into your web browser:

http://www.mywaterplan.com/files/mojave_irwm-plan_final_62614.pdf

**Attachment D: Mojave Technical Advisory Committee
Support Letter for the 2014 IRWM Plan 2018 Amendments**

TO BE PROVIDED

Attachment E: Incorporation of Stormwater Resources Plan



**TECHNICAL ADVISORY COMMITTEE
TO THE
MOJAVE WATER AGENCY**

**OCTOBER 5, 2017
10:00 A.M.**

MEETING SUMMARY

1. **CALL TO ORDER** – Chairperson Hayhurst called the meeting to order at 10:00 a.m.
2. **PLEDGE OF ALLEGIANCE** – Mr. Michael Fam with the San Bernardino County Flood Control District led the pledge.
3. **INTRODUCTIONS OF ATTENDEES** –Forty-nine (49) members of the Technical Advisory Committee (TAC), consultants, and staff attended this meeting.
4. **APPROVAL OF AGENDA**

The agenda was approved by the members of TAC present at this meeting.

5. **CONSIDER ADOPTION OF MEETING SUMMARY FROM AUGUST 3, 2017**

The summary was approved as presented.

6. **ELECTION OF TECHNICAL ADVISORY COMMITTEE OFFICERS FOR 2018**

Mr. Chuck Bell nominated Ms. Jeanette Hayhurst to remain as Chairperson for 2018. This nomination was unopposed and approved by an oral affirmation of the TAC present at this meeting.

Mr. Perry Dahlstrom nominated Mr. Chuck Bell to remain as Vice-Chairperson for 2018. This nomination was also unopposed and approved by an oral affirmation of the TAC present at this meeting.

Chairperson Hayhurst noted that Mr. Tom McCarthy, Mojave Water Agency General Manager, will fill the position of Secretary for 2018 as per the TAC By-Laws.

The 2018 Committee Officers are as follows:

Jeanette Hayhurst – Chairperson
Chuck Bell – Vice-Chairperson
Tom McCarthy - Secretary

7. **APPOINTMENTS TO TECHNICAL ADVISORY COMMITTEE EXECUTIVE COMMITTEE FOR 2018**

Chairperson Hayhurst called for nominations.

Mr. Chuck Bell made a motion to retain the current slate of representatives. Ms. Ellen Johnson seconded the motion.

By consensus of the members of the TAC present at this meeting, the representatives for the Executive Committee for 2018 are as follows:

- | | |
|-------------------------------|---|
| 1. Morongo Basin: | Marina West |
| 2. Upper Mojave River Basin: | Bob Tinsley |
| 3. Middle Mojave River Basin: | Perry Dahlstrom |
| 4. Lower Mojave River Basin: | Wayne Snively |
| 5. El Mirage Basin: | Don Bartz |
| 6. Lucerne Valley Basin: | Richard Selby |
| 7. Committee at Large: | Patty Kouyoumdjian
(Patrice Copeland -Alternate) |

8. **PRESENTATION BY BUREAU OF RECLAMATION ON THE TRANSITION ZONE STUDY**

Mr. Lance Eckhart, Mojave Water Agency Director of Basin Management and Resource Planning, introduced this item. Mr. Tony Winkel, Mojave Water Agency Hydrogeologist/Engineer, reviewed information provided in a PowerPoint presentation.

Mr. Doug Blatchford and Mr. John Ladd, United States Bureau of Reclamation, reviewed information provided in a PowerPoint presentation.

Discussion ensued.

9. **CONSIDER ADOPTING THE SMALL WATER SYSTEMS ASSISTANCE PROGRAM DRAFT WORK PLAN**

Chairperson Hayhurst reviewed background information on this item. Small Water Systems Committee members Mr. Chuck Bell and Ms. Marina West made the motions to approve the work plan as presented. Ms. West noted the accomplishments of the subcommittee.

By consensus of the members of the TAC, the draft work plan for the Small Water Systems was approved.

10. **CONSIDER ADOPTING THE STORM WATER RESOURCES PLAN FUNCTIONAL EQUIVALENT DOCUMENT AND INCORPORATE INTO THE MOJAVE INTEGRATED REGIONAL WATER MANAGEMENT PLAN**

Mr. Eckhart, Mojave Water Agency, and Ms. Meredith Clement, Kennedy-Jenks Consultants, reviewed information provided in a PowerPoint presentation. Additional information provided by Mr. Michael Fam, San Bernardino County Flood Control Planning. Discussion ensued.

Ms. Ellen Johnson expressed concern with impacts to downstream flow. Mr. Wayne Snively requested to meet with staff to discuss moving Item 11007 up on the list of projects. Mr. Eckhart informed them that the projects will be presented to the TAC individually prior to design.

Mr. Perry Dahlstrom made the motion to approve inclusion of the Storm Water Resources Plan Functional Equivalent Document into the Mojave Region IRWM Plan. Mr. Chuck Bell seconded the motion. By consensus of the TAC as the Implementation Support Team for the Integrated Regional Water Management (IRWM) Plan, the motion was approved.

11. **OTHER BUSINESS**

A. Comments/Announcements - None

B. Project Updates

- Upcoming Grants
 - Mr. Nicholas Schneider, Water Conservation Manager, reviewed a PowerPoint presentation.
 - Ms. Marina West reviewed the milestones for the Small Water Systems program and recent grant funding received by Bighorn-Desert View Water Agency and Hi-Desert Water District. She thanked Mojave Water Agency for assistance.
- Other:

Chairperson Hayhurst introduced Mojave Water Agency's new General Manager, Tom McCarthy. Mr. McCarthy provided some background on his experience and looks forward to getting to know everyone on an individual basis.

12. **ADJOURNMENT** – Chairperson Hayhurst noted that the next meeting will be held on December 7th which will include lunch. She adjourned the meeting at 11:58 a.m.

Jeanette Hayhurst – Chairperson

Attachments on file:

- Item 7 – Wayne Snively Statement, dated October 5, 2017
- Item 8 – Presentation, "Transition Zone, Historical Riparian Health"
- Item 9 – Work Plan, "Small Water Systems Assistance Program"
- Item 10 – Staff Report
 - Presentation, "Mojave Region Storm Water Resources Plan Update"
 - Handout, "Mojave Region Functionally Equivalent Storm Water Resources Plan"
- Item 11B – Presentation, "Large Scale Cash for Grass Update"
- Sign-in Sheets

****Audio recording of this meeting is available upon request.***

Storm Water Resource Plan Checklist and Self-Certification

The following should be completed and submitted to the State Water Resources Control Board Division of Financial Assistance in support of a storm water resource plan /functionally equivalent plan. The documents submitted, including this checklist, will be used to determine State Water Board concurrence with the Storm Water Resource Plan Guidelines and statutory water code requirements.

When combining multiple documents to form a functionally equivalent Storm Water Resource Plan, submit a cover letter explaining the approach used to arrive at the functionally equivalent document. The cover letter should explain how the documents work together to address the Storm Water Resource Plan Guidelines.

STORM WATER RESOURCE PLAN GENERAL CONTACT INFORMATION	
Contact Info: Name Phone Number Email	Lance Eckhart, P.G. Phone: (760) 946-7015 <i>leckhart@mojavewater.org</i>
Date Submitted to State Water Resource Control Board:	11/7/2017
Regional Water Quality Control Board:	Lahontan and Colorado River Regional Water Quality Control Board
Title of attached documents (expand list as needed):	1. Final Mojave Integrated Regional Water Management Plan 2. Mojave River Watershed Storm Water Management Program 3. Mojave Basin Area Judgement 4. Water Quality Control Plan for the Lahontan Region 5. Water Quality Control Plan for the Colorado River Basin Region 6. Mojave River Watershed Group Small Municipal Separate Storm Sewer System General Permit Waste Discharge Identification Number 6B336SM40301 Annual Report.

STORM WATER RESOURCE PLAN INFORMATION	
Storm Water Resource Plan Title:	Mojave Region Functionally Equivalent Stormwater Resources Plan
Date Plan Completed/Adopted:	September 28, 2017
Public Agency Preparer:	San Bernardino County Department of Public Works, Mojave Water Agency
IRWM Submission:	October 5, 2017
Plan Description:	Functional Equivalent

Appendix A: Checklist and Self-Certification

Checklist Instructions:

For each element listed below, review the applicable section in the Storm Water Resource Plan Guidelines and enter ALL of the following information.

- A. Does the Storm Water Resource, or functional equivalent Plan meet the provision (Y/N)?
- B. Under References, enter:
 1. Document name (or document(s)) that contain the requested information;
 2. The chapter/section, and page number(s) where the information is located within the document(s);
 3. The entity(ies) that prepared the document(s);
 4. The date the document(s) was prepared, as well as any updates; and
 5. Where each document can be accessed¹ (website address or attached).

STORM WATER RESOURCE PLAN CHECKLIST AND SELF-CERTIFICATION		
Mandatory Required Elements per California Water Code are Shaded		
Y/N	Plan Element	Water Code Section
WATERSHED IDENTIFICATION (GUIDELINES SECTION VI.A)		
Y	Plan identifies watershed and subwatershed(s) for storm water resource planning.	10565(c) 10562(b)(1) 10565(c)
References: <ul style="list-style-type: none"> The Mojave Region SWRP (this SWRP) Section 2, pages 2-1 to 2-25 Mojave Water Agency. 2014. Final Mojave Integrated Regional Water Management Plan. June. http://www.mywaterplan.com/irwm-plan-documents.html. Section 1.1.1, pages 1-1, 1-2 and Figure 1-3 on page 1-5. 		
Y	Plan is developed on a watershed basis, using boundaries as delineated by USGS, CalWater, USGS Hydrologic Unit designations, or an applicable integrated regional water management group, and includes a description and boundary map of each watershed and sub-watershed applicable to the Plan.	
References: <ul style="list-style-type: none"> The Mojave Region SWRP (this SWRP) Section 2, page 2-1 Mojave Water Agency. 2014. Final Mojave Integrated Regional Water Management Plan. June. http://www.mywaterplan.com/irwm-plan-documents.html. Section 1.1.1 pages 1-1 to 1-2; Figure 1-3 on page 1-5; and Section 2.2, pages 2-1 to 2-3. 		
Y	Plan includes an explanation of why the watershed(s) and sub-watershed(s) are appropriate for storm water management with a multiple-benefit watershed approach;	
References: <ul style="list-style-type: none"> The Mojave Region SWRP (this SWRP) Section 2, page 2-1. 		

¹ All documents referenced must include a website address. If a document is not accessible to the public electronically, the document must be included in the form of an electronic file on a compact disk or other electronic transmittal tool.

WATERSHED IDENTIFICATION (GUIDELINES SECTION VI.A)

Y	Plan describes the internal boundaries within the watershed (boundaries of municipalities; service areas of individual water, wastewater, and land use agencies, including those not involved in the Plan; groundwater basin boundaries, etc.; preferably provided in a geographic information system file);
References: <ul style="list-style-type: none"> The Mojave Region SWRP (this SWRP) Sections 2.1 to 2.4, pages 2-1 to 2-13 Mojave Water Agency. 2014. Final Mojave Integrated Regional Water Management Plan. June. http://www.mywaterplan.com/irwm-plan-documents.html. Sections 2.2 to 2.10, pages 2-1 to 2-76. 	
Y	Plan describes the water quality priorities within the watershed based on, at a minimum, applicable TMDLs and consideration of water body-pollutant combinations listed on the State's Clean Water Act Section 303(d) list of water quality limited segments (i.e., impaired waters list);
References: <ul style="list-style-type: none"> The Mojave Region SWRP (this SWRP) Section 3.2, pages 3-3 to 3-5. 	
Y	Plan describes the general quality and identification of surface and ground water resources within the watershed (preferably provided in a geographic information system file);
References: <ul style="list-style-type: none"> The Mojave Region SWRP (this SWRP) Section 2.1 pages 2-1 to 2-3; Section 2.4 pages 2-7 to 2-13, and Section 2.5 pages 2-13 to 2-17. 	
Y	Plan describes the local entity or entities that provide potable water supplies, and the estimated volume of potable water provided by the water suppliers;
References: <ul style="list-style-type: none"> The Mojave Region SWRP (this SWRP) Section 2.6 pages 2-17 to 2-18. 	
Y	Plan describes native habitats, creeks, lakes, rivers, parks, and other natural or open space within the sub-watershed boundaries; and
References: <ul style="list-style-type: none"> The Mojave Region SWRP (this SWRP) Section 2.7 pages 2-18 to 2-25. 	
Y	Plan identifies (quantitative, if possible) the natural watershed processes that occur within the sub-watershed and a description of how those natural watershed processes have been disrupted within the sub-watershed (e.g., high levels of imperviousness convert the watershed processes of infiltration and interflow to surface runoff increasing runoff volumes; development commonly covers natural surfaces and often introduces non-native vegetation, preventing the natural supply of sediment from reaching receiving waters).
References: <ul style="list-style-type: none"> The Mojave Region SWRP (this SWRP) Section 3.1, Box 3-1, page 3-2. 	

WATER QUALITY COMPLIANCE (GUIDELINES SECTION V)		
Y	Plan identifies activities that generate or contribute to the pollution of storm water or dry weather runoff, or that impair the effective beneficial use of storm water or dry weather runoff.	10562(d)(7)
References: <ul style="list-style-type: none"> The Mojave Region SWRP (this SWRP) Section 3.1, pages 3-1 to 3-2. Mojave River Watershed Group. 2003. Storm Water Management Program (SWMP) for the Mojave River Watershed. August. http://www.waterboards.ca.gov/water_issues/programs/stormwater/swmp/mojave_swmp.pdf. Section 6.3, pages 6-4 to 6-16; Section 7.6, page 7-14. California Regional Water Quality Control Board Lahontan Region. 1995. Water Quality Control Plan for the Lahontan Region. March 31. Amendments effective August 1995 through September 10, 2015. http://www.waterboards.ca.gov/lahtontan/water_issues/programs/basin_plan/references.shtml. Chapter 4.3, page 4.3-1. 		
Y	Plan is consistent with and assists in, compliance with total maximum daily load implementation plans and applicable national pollutant discharge elimination system permits.	10562(b)(5)
References: <ul style="list-style-type: none"> The Mojave Region SWRP (this SWRP) Section 3.2 pages 3-3 to 3-5 and Appendix B Mojave Water Agency. 2014. Final Mojave Integrated Regional Water Management Plan. June. http://www.mywaterplan.com/irwm-plan-documents.html. Section 3.4.1, pages 3-17 to 3-19; Table 3-12 on page 3-23; Section 3.5.3, pages 3-35 to 3-36; Section 3.5.3.3 on page 3-36; Section 5.2.4.4, pages 5-29 to 5-30; Section 5.2.4.6 on page 5-30; Table 10-3 on pages 10-17 to 10-18; Section 10.3.1.4.3 on page 10-22; Section 10.3.2.1, pages 10-22 to 10-23. 		
Y	Plan is consistent with all applicable waste discharge permits.	10562(b)(6)
References: <ul style="list-style-type: none"> The Mojave Region SWRP (this SWRP) Section 5.2, Box 5-1 pages 5-7 to 5-11. (projects in plan must be consistent with water quality control plans and permits) Mojave Water Agency. 2014. Final Mojave Integrated Regional Water Management Plan. June. http://www.mywaterplan.com/irwm-plan-documents.html. Section 1.1.4.2, page 1-8; Table 10-3, 		

ORGANIZATION, COORDINATION, COLLABORATION (GUIDELINES SECTION VI.B)		
Y	Local agencies and nongovernmental organizations were consulted in Plan development.	10565(a)
References: <ul style="list-style-type: none"> The Mojave Region SWRP (this SWRP) Section 4.4, page 4-5. Mojave Water Agency. 2014. Final Mojave Integrated Regional Water Management Plan. June. http://www.mywaterplan.com/irwm-plan-documents.html. Section 1.2, pages 1-11 to 1-20; Section 1.2.2, page 1-11. 		
Y	Community participation was provided for in Plan development.	10562(b)(4)
References: <ul style="list-style-type: none"> The Mojave Region SWRP (this SWRP) Section 4.4 on page 4-6. Mojave Water Agency. 2014. Final Mojave Integrated Regional Water Management Plan. June. http://www.mywaterplan.com/irwm-plan-documents.html. Section 1.2, pages 1-11 to 1-20; Section 1.2.3, pages 1-20 to 1-22; Sections 1.2.2.4 through 1.2.2.12, pages 1-15 to 1-20; Section 11.6.2, page 11-10. 		

Y	Plan includes description of the existing integrated regional water management group(s) implementing an integrated regional water management plan.
References: <ul style="list-style-type: none"> The Mojave Region SWRP (this SWRP) Section 4.2 and Section 4.3, pages 4-1 to 4-5. Mojave Water Agency. 2014. Final Mojave Integrated Regional Water Management Plan. June. http://www.mywaterplan.com/irwm-plan-documents.html. Section 1, pages 1-1 to 1-26. 	
ORGANIZATION, COORDINATION, COLLABORATION (GUIDELINES SECTION VI.B)	
Y	Plan includes identification of and coordination with agencies and organizations (including, but not limited to public agencies, nonprofit organizations, and privately owned water utilities) that need to participate and implement their own authorities and mandates in order to address the storm water and dry weather runoff management objectives of the Plan for the targeted watershed.
References: <ul style="list-style-type: none"> The Mojave Region SWRP (this SWRP) Section 4.1 page 4-1. 	
N	Plan includes identification of nonprofit organizations working on storm water and dry weather resource planning or management in the watershed.
References: <ul style="list-style-type: none"> No nonprofit organizations with a specific focus of stormwater and dry weather resources planning were identified in the watershed. 	
Y	Plan includes identification and discussion of public engagement efforts and community participation in Plan development.
References: <ul style="list-style-type: none"> The Mojave Region SWRP (this SWRP) Section 1.1, page 1-5; Section 4.4 page 4-5 to 4-6. 	
Y	Plan includes identification of required decisions that must be made by local, state or federal regulatory agencies for Plan implementation and coordinated watershed-based or regional monitoring and visualization
References: <ul style="list-style-type: none"> The Mojave Region SWRP (this SWRP) Section 6 pages 6-1. 	
Y	Plan describes planning and coordination of existing local governmental agencies, including where necessary new or altered governance structures to support collaboration among two or more lead local agencies responsible for plan implementation.
References: <ul style="list-style-type: none"> The Mojave Region SWRP (this SWRP) Section 6 pages 6-1 to 6-6. 	
Y	Plan describes the relationship of the Plan to other existing planning documents, ordinances, and programs established by local agencies.
References: <ul style="list-style-type: none"> The Mojave Region SWRP (this SWRP) Section 1.1 pages 1-1 to 1-5. 	
NA	(If applicable) Explanation of why individual agency participation in various isolated efforts is appropriate.
References: Not applicable	

QUANTITATIVE METHODS (GUIDELINES SECTION VI.C)

Y	<p>For all analyses: Plan includes an integrated metrics-based analysis to demonstrate that the Plan's proposed storm water and dry weather capture projects and programs will satisfy the Plan's identified water management objectives and multiple benefits.</p>
<p>References:</p> <ul style="list-style-type: none"> The Mojave Region SWRP (this SWRP) Section 5.2 and Section 5.3 pages 5-1 pages 5-7 to 5-9 and Section 5.4 pages 5-8 to 5-15. 	
N	<p>For water quality project analysis (section VI.C.2.a) Plan includes an analysis of how each project and program complies with or are consistent with an applicable NPDES permit. The analysis should simulate the proposed watershed-based outcomes using modeling, calculations, pollutant mass balances, water volume balances, and/or other methods of analysis. Describes how each project or program will contribute to the preservation, restoration, or enhancement of watershed processes (as described in Guidelines section VI.C.2.a)</p>
<p>References:</p> <p>A screening criteria for inclusion in the SWRP is consistency with applicable water quality regulations, including the NPDES permit. Before implementation all projects will be required to get the necessary permits. Because many of the projects in the SWRP are still in the design phase and it not possible to perform meaningful modeling. It is not necessary to perform modeling to ensure compliance with permits nor is it possible at this stage of project development.</p>	
N	<p>For storm water capture and use project analysis (section VI.C.2.b): Plan includes an analysis of how collectively the projects and programs in the watershed will capture and use the proposed amount of storm water and dry weather runoff.</p>
<p>References:</p> <p>Many of the projects in the Mojave Region SWRP are still in the design phase and it not possible to perform meaningful analysis at this time.</p>	
N	<p>For water supply and flood management project analysis (section VI.C.2.c): Plan includes an analysis of how each project and program will maximize and/or augment water supply.</p>
<p>References:</p> <p>Many of the projects in the Mojave Region SWRP are still in the design phase and it not possible to perform meaningful analysis at this time.</p>	
Y	<p>For environmental and community benefit analysis (section VI.C.2.d): Plan includes a narrative of how each project and program will benefit the environment and/or community, with some type of quantitative measurement.</p>
<p>References:</p> <ul style="list-style-type: none"> The Mojave Region SWRP (this SWRP) Section 5.1 pages 5-3 to 5-7; Section 5.3 pages 5-7 to 5-8; Section 5.4 pages 5-8 to 5-18. 	

	Data management (section VI.C.3): Plan describes data collection and management, including: a) mechanisms by which data will be managed and stored; b) how data will be accessed by stakeholders and the public; c) how existing water quality and water quality monitoring will be assessed; d) frequency at which data will be updated; and e) how data gaps will be identified.
References: <ul style="list-style-type: none"> Mojave Water Agency. 2014. Final Mojave Integrated Regional Water Management Plan. June. http://www.mywaterplan.com/irwm-plan-documents.html. Section 10.3 pages 10-13 to 10-15. 	

IDENTIFICATION AND PRIORITIZATION OF PROJECTS (GUIDELINES SECTION VI.D)		
Y	Plan opportunities are identified to augment local water supply through groundwater recharge or storage for beneficial use of storm water and dry weather runoff.	10562(d)(1)
References: <ul style="list-style-type: none"> The Mojave Region SWRP (this SWRP) Section 5.1 pages 5-3 to 5-6 and Section 5.3 pages 5-7 to 5-8. Mojave Water Agency. 2014. Final Mojave Integrated Regional Water Management Plan. June. http://www.mywaterplan.com/irwm-plan-documents.html . Section 6.3 (page 6-8 to 6-9); Table 6-1 (page 6-9); Appendix D. 		
Y	Plan opportunities are identified for source control for both pollution and storm water and dry weather runoff volume, onsite and local infiltration, and use of storm water and dry weather runoff.	10562(d)(2)
References: <ul style="list-style-type: none"> The Mojave Region SWRP (this SWRP) Section 5.1 pages 5-3 to 5-6 and Section 5.3 pages 5-7 to 5-8. Mojave Water Agency. 2014. Final Mojave Integrated Regional Water Management Plan. June. http://www.mywaterplan.com/irwm-plan-documents.html . Table 6-1 page 6-9 and Appendix D. Mojave River Watershed Group. 2003. Storm Water Management Program (SWMP) for the Mojave River Watershed. August. http://www.waterboards.ca.gov/water_issues/programs/stormwater/swmp/mojave_swmp.pdf. Section 6.2 pages 6-2 to 6-5. 		
Y	Plan projects are identified that reestablish natural water drainage treatment and infiltration systems, or mimic natural system functions to the maximum extent feasible.	10562(d)(3)
References: <ul style="list-style-type: none"> The Mojave Region SWRP (this SWRP) Section 5.1 pages Section 5.1 pages 5-3 to 5-6 and Section 5.3 pages 5-7 to 5-8. Mojave Water Agency. 2014. Final Mojave Integrated Regional Water Management Plan. June. http://www.mywaterplan.com/irwm-plan-documents.html . Table 6-1 page 6-9 and Appendix D. 		

Y	Plan opportunities are identified to develop, restore, or enhance habitat and open space through storm water and dry weather runoff management, including wetlands, riverside habitats, parkways, and parks.	10562(d)(4)
References: <ul style="list-style-type: none"> The Mojave Region SWRP (this SWRP) Section 5.1 pages 5-3 to 5-6 and Section 5.3 pages 5-7 to 5-8. Mojave Water Agency. 2014. Final Mojave Integrated Regional Water Management Plan. June. http://www.mywaterplan.com/irwm-plan-documents.html . Table 6-1 page 6-9 and Appendix D. 		
Y	Plan opportunities are identified to use existing publicly owned lands and easements, including, but not limited to, parks, public open space, community gardens, farm and agricultural preserves, school sites, and government office buildings and complexes, to capture, clean, store, and use storm water and dry weather runoff either onsite or offsite.	10562(d)(5), 10562(b)(8)
References: <ul style="list-style-type: none"> The Mojave Region SWRP (this SWRP) Section 5.1 pages 5-3 to 5-6 and Section 5.3 pages 5-7 to 5-8. Mojave Water Agency. 2014. Final Mojave Integrated Regional Water Management Plan. June. http://www.mywaterplan.com/irwm-plan-documents.html . Figure 2-3 page 2-6, Table 2-1 page 2-4. 		

IDENTIFICATION AND PRIORITIZATION OF PROJECTS (GUIDELINES SECTION VI.D)		
Y	Plan for new development and redevelopments (if applicable): Design criteria and best management practices to prevent storm water and dry weather runoff pollution and increase effective storm water and dry weather runoff management for new and upgraded infrastructure and residential, commercial, industrial, and public development are identified.	10562(d)(6)
References: <ul style="list-style-type: none"> The Mojave Region SWRP (this SWRP) Section 5.1 pages 5-3 to 5-6 and Section 5.3 pages 5-7 to 5-8. Mojave River Watershed Group. 2003. Storm Water Management Program (SWMP) for the Mojave River Watershed. August. http://www.waterboards.ca.gov/water_issues/programs/stormwater/swmp/mojave_swmp.pdf. Section 5 pages 5-1 to 5-5, Section 6 pages 6-1 to 6-17. 		
Y	Plan appropriate quantitative methods are used for prioritization of projects. (This should be accomplished by using a metrics-based and integrated evaluation and analysis of multiple benefits to maximize water supply, water quality, flood management, environmental, and other community benefits within the watershed.)	10562(b)(2)
References: <ul style="list-style-type: none"> The Mojave Region SWRP (this SWRP) Section 5.4 pages 5-8 to 5-15. 		
Y	<i>Overall:</i> Plan the Plan prioritizes projects and programs using a metric-driven approach and a geospatial analysis of multiple benefits to maximize water supply, water quality, flood management, environmental, and community benefits within the watershed.	
References: <ul style="list-style-type: none"> The Mojave Region SWRP (this SWRP) Section 5.4 pages 5-8 to 5-15. 		
Y	<i>Multiple benefits:</i> Plan ensures each project in accordance with the Plan contributes to at least two or more Main Benefits and the maximum number of Additional Benefits as listed in Table 4 of the Guidelines. (Benefits are not counted twice if they apply to more than one category.)	
References: <ul style="list-style-type: none"> The Mojave Region SWRP (this SWRP) Section 5.2 pages 5-7 and Section 5.4 pages 5-8 to 5-15. 		

IMPLEMENTATION STRATEGY AND SCHEDULE (GUIDELINES SECTION VI.E)		
Y	Plan identifies resources for Plan implementation are identified, including: 1) projection of additional funding needs and sources for administration and implementation needs; and 2) schedule for arranging and securing Plan implementation financing.	
References: <ul style="list-style-type: none"> The Mojave Region SWRP (this SWRP) Section 6 pages 6-1 to 6-6. 		

Y	Plan projects and programs are identified to ensure the effective implementation of the storm water resource plan pursuant to this part and achieve multiple benefits.	10562(d)(8)
References: Mojave Water Agency. 2014. Final Mojave Integrated Regional Water Management Plan. June. http://www.mywaterplan.com/irwm-plan-documents.html . Section 8.0 pages 8-1 to 8-14.		
Y	Plan the development of appropriate decision support tools and the data necessary to use the decision support tools is identified.	10562(d)(8)
References: <ul style="list-style-type: none"> The Mojave Region SWRP (this SWRP) Section 6 pages 6-1 to 6-6. Mojave Water Agency. 2014. Final Mojave Integrated Regional Water Management Plan. June. http://www.mywaterplan.com/irwm-plan-documents.html. Section 6.2.2 page 6-5, Section 6.2.3 page 6-5, Table 4-2 page 4-17; Appendix D.2c. 		
Y	Plan implementation strategy is described, including: a) timeline for submitting Plan into existing plans, as applicable; b) specific actions by which Plan will be implemented; c) all entities responsible for project implementation; d) description of community participation strategy; e) procedures to track status of each project; f) timelines for all active or planned projects; g) procedures for ongoing review, updates, and adaptive management of the Plan; and h) a strategy and timeline for obtaining necessary federal, state, and local permits.	
References: <ul style="list-style-type: none"> The Mojave Region SWRP (this SWRP) Section 6 pages 6-1 to 6-6. 		
Y	Applicable IRWM plan: Plan upon development, the Plan will be submitted to the applicable integrated regional water management (IRWM) group for incorporation into the IRWM plan.	10562(b)(7)
References: <ul style="list-style-type: none"> The Mojave Region SWRP (this SWRP) Section 6 page 6-1. 		
Y	Plan describes how implementation performance measures will be tracked.	
References: <ul style="list-style-type: none"> The Mojave Region SWRP (this SWRP) Section 6.3 page 6-2. 		
Y	Adaptive Management	
References: <ul style="list-style-type: none"> The Mojave Region SWRP (this SWRP) Section 6.3 page 6-2. 		

EDUCATION, OUTREACH, PUBLIC PARTICIPATION (GUIDELINES SECTION VI.F)

Y	Outreach and Scoping: Community participation is provided for in Plan implementation.	10562(b)(4)
References: <ul style="list-style-type: none"> The Mojave Region SWRP (this SWRP) Section 4.4 pages 4-5 to 4-6 and Section 6.1 page 6-1. Mojave Water Agency. 2014. Final Mojave Integrated Regional Water Management Plan. June. http://www.mywaterplan.com/irwm-plan-documents.html. Section 1.2.3 pages 1-20 to 1-22, Section 10.4 pages 10-26 to 10-36, Table 10-5 pages 10-28 to 10-33, Section 8.2.2 page 8-3; Section 8.2.4 page 8-4. 		
Y	Plan describes public education and public participation opportunities to engage the public when considering major technical and policy issues related to the development and implementation of the Plan.	
References: <ul style="list-style-type: none"> The Mojave Region SWRP (this SWRP) Section 4.4 pages 4-5 to 4-6 and Section 6.1 page 6-1. Mojave Water Agency. 2014. Final Mojave Integrated Regional Water Management Plan. June. http://www.mywaterplan.com/irwm-plan-documents.html. Section 1.2.3 page 1-20 to 1-22, Section 10.4 pages 10-26 to 10-36, Table 10-5 pages 10-28 to 10-33, Section 8.2.2 page 8-3, Section 8.2.4 page 8-4. 		
Y	Plan describes mechanisms, processes, and milestones that have been or will be used to facilitate public participation and communication during development and implementation of the Plan.	
References: <ul style="list-style-type: none"> The Mojave Region SWRP (this SWRP) Section 4.4 pages 4-5 to 4-6 and Section 6.1 page 6-1. Mojave Water Agency. 2014. Final Mojave Integrated Regional Water Management Plan. June. http://www.mywaterplan.com/irwm-plan-documents.html. Section 1.2.3 pages 1-20 to 1-22, Section 10.4 pages 10-26 to 10-36, Table 10-5 pages 10-28 to 10-33, Section 8.2.2 page 8-3, Section 8.2.4 page 8-4. 		
Y	Plan describes mechanisms to engage communities in project design and implementation.	
References: <ul style="list-style-type: none"> The Mojave Region SWRP (this SWRP) Section 4 pages 4-1 to 4-6 and Section 6.1 page 6-1. Mojave Water Agency. 2014. Final Mojave Integrated Regional Water Management Plan. June. http://www.mywaterplan.com/irwm-plan-documents.html. Section 1.2.3 pages 1-20 to 1-22, Section 10.4 pages 10-26 to 10-36, Table 10-5 pages 10-28 to 10-33, Section 8.2.2 page 8-3, Section 8.2.4 page 8-4. 		
Y	Plan identifies specific audiences including local ratepayers, developers, locally regulated commercial and industrial stakeholders, nonprofit organizations, and the general public.	
References: <ul style="list-style-type: none"> The Mojave Region SWRP (this SWRP) Section 4 pages 4-1 to 4-6 and Section 6.1 page 6-1. Mojave Water Agency. 2014. Final Mojave Integrated Regional Water Management Plan. June. http://www.mywaterplan.com/irwm-plan-documents.html. Section 1.2.3 pages 1-20 to 1-22, Section 10.4 pages 10-26 to 10-36, Table 10-5 pages 10-28 to 10-33, Section 8.2.2 page 8-3, Section 8.2.4 page 8-4. 		
Y	Plan describes strategies to engage disadvantaged and climate vulnerable communities within the Plan boundaries and ongoing tracking of their involvement in the planning process.	
References: <ul style="list-style-type: none"> Mojave Water Agency. 2014. Final Mojave Integrated Regional Water Management Plan. June. http://www.mywaterplan.com/irwm-plan-documents.html. Section 1.2.3 pages 1-19 to 1-21. 		
Y	Plan describes efforts to identify and address environmental injustice needs and issues within the watershed.	
References: <ul style="list-style-type: none"> Mojave Water Agency. 2014. Final Mojave Integrated Regional Water Management Plan. June. http://www.mywaterplan.com/irwm-plan-documents.html. Section 1.2.3 pages 1-19 to 1-21. 		

	Plan includes a schedule for initial public engagement and education.
References: <ul style="list-style-type: none"> Mojave Water Agency. 2014. Final Mojave Integrated Regional Water Management Plan. June. http://www.mywaterplan.com/irwm-plan-documents.html. Section 1.2.3 pages 1-19 to 1-21. 	

SELF CERTIFICATION

I certify under penalty of perjury that all information provided is true and correct to the best of my knowledge.



Director of Basin Management
& Resource Planning

Nov. 2, 2017

Signature

Title

Date

Mojave Water Agency

Public Agency

	Plan includes a schedule for initial public engagement and education.
References: <ul style="list-style-type: none"> Mojave Water Agency. 2014. Final Mojave Integrated Regional Water Management Plan. June. http://www.mywaterplan.com/irwm-plan-documents.html. Section 1.2.3 pages 1-19 to 1-21. 	

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