

Coachella Valley Integrated Regional Water Management 2015 IRWM Implementation Grant Proposal Authorization and Eligibility Requirements – CASGEM Compliance

CASGEM Compliance

The three groundwater sub-basins that constitute the Coachella Valley Groundwater Basin (Basin 7-21) are the Indio (7-21.01), Mission Creek (7-21.02), and Desert Hot Springs (7-21.03) groundwater sub-basins. The Mission Creek and Indio sub-basins are designated as medium priority basins by DWR and the Desert Hot Springs sub-basin is designated as a low priority sub-basin. There are no high-priority basins in the Region. As established in CWC §10933.7(a), those basins prioritized as a high or medium priority groundwater basin must have a designated monitoring entity or the organizations within those basins will not be eligible for State funding per the requirements of the California Statewide Groundwater Elevation Monitoring (CASGEM) Program.

The five water supply agencies within the Region (Coachella Water Authority, Coachella Valley Water District, Desert Water Agency, Indio Water Authority, and Mission Springs Water District) have been designated as the water monitoring entities for the two aforementioned medium-priority groundwater basins. Each agency is responsible for monitoring the portion of the applicable basin(s) within its service area as shown below in **Table 1-1**. The CASGEM reports that support data included in **Table 1-1** are included as **Appendix 1-6**.

Of the five water supply agencies in the Region, four are project proponents within this grant application: CWA, CVWD, DWA, and MSWD. The only entities that will receive grant funding as part of this Proposal are CWA, CVWD, DWA, MSWD, and the Torres-Martinez Desert Cahuilla Indians (DCI). Torres-Martinez DCI is a Tribal Nation, is not an eligible monitoring entity, and is therefore not subject to potential CASGEM compliance issues.

Table 1-1: CASGEM Monitoring Summary for the Coachella Valley

Groundwater Basin Name	Groundwater Basin Number	Basin Portion	Monitoring Entity	Authority Type	No. of CASGEM Wells
Indio	7-21.01	Coachella Valley Water District Boundary	CVWD	Groundwater Management Agency	40
		Palm Spring Sub-Area	DWA	Groundwater Management Agency	7
		City of Coachella Sub-Area, within CWA Boundary	CWA	Local Agency Pursuant to WC Part 2.75	1
		Mission Springs Water District Boundary	MSWD	Groundwater Management Agency	2
		Indio Portion 1	IWA	Local Agency Pursuant to IRWM	6
Mission Creek	7-21.02	Coachella Valley Water District Boundary	CVWD	Groundwater Management Agency	2
		Mission Springs Water District Boundary	MSWD	Groundwater Management Agency	2

Source: Report Generated on August 6, 2015 from the CASGEM Online System



The CASGEM program has declared the Status of the Mission Creek and Indio Sub-basins as “Designated” as of August 6, 2015. **Figure 1-1** below shows the respective service areas of CWA, CVWD, DWA and MSWD (the project sponsors included in this grant proposal that are eligible monitoring entities), the Coachella Valley groundwater sub-basins, and the designations of each sub-basin. Please note that the service area for the Torres-Martinez DCI is not included in **Figure 1-1**, because the Tribe is not an eligible monitoring entity. A GIS shape file of the CWA, CVWD, DWA and MSWD service areas as well as each project’s boundary have also been included within this submittal.

Project-specific compliance information for the projects included within this Proposal are provided in **Table 1-2**.

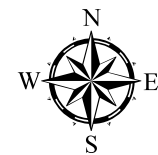
Table 1-2: CASGEM Monitoring Summary for the Proposal

Project	Implementing Agency	Groundwater Basins that Project Overlies	Basin Priority per CASGEM	Designated Monitoring Entity
MSWD Water Supply Reliability Program	MSWD	Indio	Medium	MSWD within area covered by project
		Mission Creek	Medium	MSWD within area covered by project
		Desert Hot Springs	Low	N/A
Regional Turf Reduction Program	DWA and CWA	Indio	Medium	DWA and CWA within area covered by project
		Desert Hot Springs	Low	N/A
Regional Well Retrofit and Abandonment Program	CVWD	Indio	Medium	CVWD within area covered by project
		Mission Creek	Medium	CVWD within area covered by project
DAC Septic Rehabilitation and Demand Reduction Project	CVWD	Indio	Medium	CVWD within area covered by project
		Mission Creek	Medium	CVWD within area covered by project
Torres-Martinez Septic to Sewer Conversion Project	Torres-Martinez DCI	Indio	Medium	CVWD within area covered by project
Shady Lane Mobile Home Park Water and Sewer Connection Project	CWA	Indio	Medium	CWA within area covered by project

**Figure 1-1:
CASGEM Map - Coachella Valley**



- Division between West and East Valley
- Colorado River Aqueduct
- Coachella and All American Canals
- Whitewater River Storm Water Channel
- Coachella Valley Storm Water Channel
- Highways
- Water Bodies
- Coachella Valley IRWM Region
- Local Project Sponsor**
 - Coachella Valley Water District
 - Coachella Water Authority
 - Mission Springs Water District
 - Desert Water Agency
- Basin Designations**
 - Very Low Priority
 - Low Priority
 - Medium Priority



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Miles



Appendix 1-6

Areas being Monitored

Groundwater Basin/Subbasin Name	Groundwater Basin/Subbasin Number	Basin Portion	Monitoring Entity	Authority Type	No. of CASGEM Wells
Indio	7-21.01	Coachella Valley Water District boundary	Coachella Valley Water District	Ground Water Management Agency	40
Indio	7-21.01	Palm Springs Sub Area	Desert Water Agency	Ground Water Management Agency	7
Indio	7-21.01	City of Coachella Sub Area, within CWA boundary	City of Coachella-Utilities Department	Local Agency Pursuant to WC Part 2.75	1
Indio	7-21.01	ISB portion located in MSWD Service Boundary	Mission Springs Water District	Ground Water Management Agency	2
Indio	7-21.01	Indio Portion 1	Indio Water Authority	Local Agency Pursuant to IRWM	6

Appendix 1-6

Areas being Monitored

Groundwater Basin/Subbasin Name	Groundwater Basin/Subbasin Number	Basin Portion	Monitoring Entity	Authority Type	No. of CASGEM Wells
Mission Creek	7-21.02	Coachella Valley Water District boundary	Coachella Valley Water District	Ground Water Management Agency	2
Mission Creek	7-21.02	MCSB portion located in MSWD Service Boundary	Mission Springs Water District	Ground Water Management Agency	2

