

# Mojave Region Proposition 84 IRWM Drought Grant

## Attachment 1 – Authorization and Eligibility Requirements



### CASGEM Compliance

In order to demonstrate CASGEM eligibility, information is being provided here for each project in this Proposal. Project locations are listed by latitude and longitude in the following table.

Project	Latitude	Longitude
Mojave Region Commercial, Industrial and Institutional (CII) Turf Removal Program	34° 47' 11"	-117° 02' 30"
Hi-Desert Capital Water Main Replacement Program	34° 07' 12"	-116° 25' 22"
Hesperia Reclaimed Water Distribution System	34° 25' 57"	-117° 19' 24"

Associated agency service area boundaries are provided as GIS shape files as Att1\_DG\_Eligible\_11of12.

The Mojave Region CII Turf Removal Program will be conducted across the Mojave IRWM Region, which overlies the following basins, with the medium and high priority basins summarized in Table 1 below:

- Cronise Valley (No. 6-35), *very low priority*
- Langford Valley, Langford Well Lake (No. 6-36.01), *very low priority*
- Coyote Lake Valley (No. 6-37), *very low priority*
- Caves Canyon Valley (No. 6-38) , *very low priority*
- Lower Mojave River Valley (No. 6-40), **medium priority**
- Middle Mojave River Valley (No. 6-41), *low priority*
- Upper Mojave Valley (No. 6-42), **high priority**
- El Mirage Valley (No. 6-43), **medium priority**
- Antelope Valley (No. 6-44), **high priority**
- Fremont Valley (No. 6-46), *low priority*
- Harper Valley (No. 6-47) , *low priority*
- Goldstone Valley (No. 6-48) , *very low priority*
- Superior Valley (No. 6-49) , *very low priority*
- Cuddeback Valley (No. 6-50) , *very low priority*
- Pilot Knob Valley (No. 6-51) , *very low priority*
- Searles Valley (No. 6-52) , *very low priority*
- Salt Wells Valley (No.6-53) , *very low priority*
- Indian Wells Valley (No. 6-54) , **medium priority**
- Grass Valley (No.6-77) , *very low priority*
- Kane Wash Area (No. 6-89) , *very low priority*
- Twentynine Palms Valley (No.7-10) , *low priority*
- Copper Mountain Valley (No. 7-11) , *very low priority*
- Warren Valley (No. 7-12) , **medium priority**
- Deadman Valley, Deadman Lake (No.7-13.01) , *very low priority*
- Deadman Valley, Surprise Spring (No. 7-13.02) , *very low priority*
- Bessemer Valley (No. 7-15) , *very low priority*
- Ames Valley (No. 7-16) , *very low priority*
- Means Valley (No. 7-17) , *very low priority*

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- Johnson Valley – Soggy Lake (7-18.01) , *very low priority*
- Johnson Valley, Upper Johnson Valley (No. 7-18.02) , *very low priority*
- Lucerne Valley (No. 7-19) , *low priority*
- Morongo Valley (No. 7-20) , *very low priority*
- Iron Ridge Area (No. 7-50) , *very low priority*
- Lost Horse Valley (No. 7-51) , *very low priority*
- Joshua Tree (No. 7-62) , *very low priority*
- Upper Santa Ana Valley, Cajon (No. 8-2.05) , *very low priority*

**Table 1 - Summary of High and Medium Basins for Mojave Region CII Turf Removal Program**

Basin Name(s)	Priority	CASGEM Monitoring Agency
Lower Mojave River Valley	medium	MWA
Upper Mojave Valley	high	MWA
El Mirage Valley	medium	MWA
Antelope Valley*	high	Antelope Valley State Water Contractors Association
Indian Wells Valley**	medium	Indian Wells Valley Cooperative Groundwater Management Group
Warren Valley	medium	MWA

\* The Antelope Valley IRWM Region which lies to the west of the Mojave Region and the two regions share a slice of the Antelope Valley groundwater basin. The Antelope Valley State Water Contractors Association is a non-designated monitoring agency but MWA has had email conversations with DWR regarding this and it was decided that if the Antelope Valley Basin continues to be unmonitored it will not impact MWA’s eligibility for the 2014 IRWM Drought Grant Solicitation. See email attached hereto for documentation.

\*\* The Inyo-Mono IRWM Region extends to the far northwest corner of the Mojave Region and the two regions share a portion of the Indian Wells-Searles groundwater basin within northern San Bernardino County.

The Hi-Desert Water District service area, where the Capital Water Main Replacement Program will be implemented, overlies the Ames Valley (No. 7-16) – *Very Low* priority, Copper Mountain Valley (No. 7-11) – *Very Low* priority, and the Warren Valley (No. 7-12) – *Medium* priority. The Warren Valley Basin is monitored by MWA as shown in Table 1.

The City of Hesperia, where the Reclaimed Water Distribution System Project will take place, overlies the Upper Mojave River Valley Basin (Number 6-42), which has *High* priority. This basin is monitored by MWA and is adjudicated.

## Sandra Carlson

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**From:** Wallace, Keith@DWR <Keith.Wallace@water.ca.gov>  
**Sent:** Thursday, June 05, 2014 3:35 PM  
**To:** Lance Eckhart  
**Cc:** Billington, Tracie@DWR; Eusuff, Muzaffar@DWR; Scruggs, Mary@DWR; Wyckoff, Brett@DWR  
**Subject:** RE: CASGEM and the Drought Solicitation

Hi Lance,

As we discussed on the phone, MWA will not be expected to be the CASGEM monitoring entity for the Antelope Valley Basin. Therefore, if the Antelope Valley Basin continues to be unmonitored it will not impact MWA's eligibility for the 2014 IRWM Drought Grant Solicitation.

Let me know if you have any follow up questions. Thanks,

Keith

**Keith Wallace, P.E.**

Senior Engineer, W.R.  
California Department of Water Resources  
Division of Integrated Regional Water Management  
Financial Assistance Branch  
901 P Street  
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**From:** Billington, Tracie@DWR  
**Sent:** Wednesday, May 21, 2014 1:47 PM  
**To:** Eusuff, Muzaffar@DWR; Wallace, Keith@DWR  
**Subject:** FW: CASGEM and the Drought Solicitation

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**From:** Lance Eckhart [<mailto:leckhart@MojaveWater.org>]  
**Sent:** Wednesday, May 21, 2014 1:37 PM  
**To:** Billington, Tracie@DWR; Scruggs, Mary@DWR  
**Cc:** Ross, Timothy@DWR; Tony Winkel; Wallace, Keith@DWR; Eusuff, Muzaffar@DWR  
**Subject:** RE: CASGEM and the Drought Solicitation

Tracy/Mary,

Tony Winkel from MWA just sent Glendale a copy of our revised CASGEM monitoring plan for approval. We will be immediately working with Eric Senter to alter previously uploaded CASGEM wells to “voluntary” status due to confidentiality issues (large amounts of wells we have been monitoring for years/decades but do not own the wells ourselves). The attached email explains our CASGEM status regarding outstanding work from MWA.

NOTE:

- At this point after well designation change in the CASGEM database (i.e. CASGEM to Voluntary), MWA is considering ourselves CASGEM compliant for all High and Medium priority basins within our service area (pending DWR approval).
- We will need a confirmation shortly from DWR to ensure we are eligible for the Drought Solicitation.
- The Antelope Valley basin issue is still outstanding (I realize DWR is working on this) and we would like some official word on this High priority basin when you can. It should be noted that the population center for the Antelope Valley basin is well outside the MWA service area in LA County.
  - MWA feels it would be improper to be the monitoring entity responsible for monitoring the Antelope Valley basin.

Please advise,

**Lance Eckhart, PG, CHG**

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**From:** Billington, Tracie@DWR [<mailto:Tracie.Billington@water.ca.gov>]  
**Sent:** Thursday, May 15, 2014 8:05 AM  
**To:** Lance Eckhart; Scruggs, Mary@DWR  
**Cc:** Ross, Timothy@DWR; Tony Winkel; Wallace, Keith@DWR; Eusuff, Muzaffar@DWR  
**Subject:** RE: CASGEM and the Drought Solicitation

Lance – Let me discuss this with staff and get back to you. Thanks tb

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**From:** Lance Eckhart [<mailto:leckhart@MojaveWater.org>]  
**Sent:** Wednesday, May 14, 2014 3:10 PM  
**To:** Billington, Tracie@DWR; Scruggs, Mary@DWR  
**Cc:** Ross, Timothy@DWR; Tony Winkel  
**Subject:** CASGEM and the Drought Solicitation

Tracy/Mary,

Can you help us answer the following questions regarding CASGEM and the Drought Solicitation?

1. What is the cutoff date for the Drought Solicitation CASGEM approval for High and Medium priority basins?
  - a. Will “Significant Progress” to achieve CASGEM approval for priority basins substantiated by local DWR offices be sufficient to qualify for the Drought Solicitation or do the basins need to be “in the system”? There are several review steps to get into the CASGEM system from the local DWR office, to the Sacramento data side to the Sacramento policy side and Department review time for material submitted by the monitoring entity should be considered.
2. Will MWA be held accountable under “CASGEM compliance” for basins with only a very small portion of the subject basin falling within MWA boundaries (see figure)?
  - a. Antelope Valley
  - b. Upper Santa Anna Valley
  - c. Pilot Knob Valley

We are and have been working very closely with the local DWR office to get the 30+ groundwater basins in our area into the CASGEM system over the past several months. We are presently tying up loose ends and are close to compliance but the questions above have us very concerned regarding the Drought Solicitation. Our IRWM stakeholders are looking forward to participating in the upcoming Drought Solicitation, have been asking about CASGEM compliance and we want to avoid any last minute issues.

Thank you in advance for your consideration and reply. All my best.

**Lance Eckhart, PG, CHG**

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