



**REGULAR WATER RESOURCES & OPERATIONS COMMITTEE MEETING  
WEDNESDAY, MARCH 13, 2019, AT 10:30 AM  
61750 CHOLLITA ROAD, JOSHUA TREE, CA 92252**

**AGENDA**

1. CALL TO ORDER
2. PLEDGE OF ALLEGIANCE
3. DETERMINATION OF QUORUM
4. APPROVAL OF AGENDA
5. PUBLIC COMMENT
6. APPROVE MINUTES OF THE PRIOR COMMITTEE MEETING
  - Draft Minutes – February 13, 2019
7. RECHARGE IMPACTS – AGM Greer – Receive for information only
8. WELL 14 UPDATE – AGM Ban - Receive for information only.
9. STAFF REPORT – GM Sauer/AGM Ban
10. ADJOURNMENT

**INFORMATION**

During "Public Comment," please use the podium microphone. State your name, have your information prepared, and be ready to provide your comments. The District is interested and appreciates your comments. A 3-minute time limit will be imposed. Any person with a disability who requires accommodation to participate in this meeting should telephone Joshua Basin Water District at (760) 366-8438, at least 48 hours before the meeting to request a disability-related modification or accommodation. Materials related to an item on this Agenda submitted to the Committee after distribution of the agenda packet are available for public inspection in the District's office located at 61750 Chollita Road, Joshua Tree, California 92252 during regular business hours.

JOSHUA BASIN WATER DISTRICT  
Minutes of the  
REGULAR MEETING OF THE WATER RESOURCES AND OPERATIONS COMMITTEE  
Wednesday, February 13, 2019

1. CALL TO ORDER – 10:38 a.m.
2. PLEDGE OF ALLEGIANCE
3. DETERMINATION OF A QUORUM – A quorum is present
4. APPROVAL OF AGENDA –  
MSC<sup>1</sup>/Hund/Reynolds 2/0 to approve the Agenda for February 13, 2019, Regular Meeting of the Water Resources and Operations Committee.
5. PUBLIC COMMENT - None
6. APPROVE MINUTES OF THE PRIOR COMMITTEE MEETING
  - Draft Minutes – January 9, 2019MSC<sup>1</sup>/Reynolds/Hund 2/0 to approve the minutes of January 9, 2019, Regular Meeting of the Water Resources and Operations Committee.
7. DISCUSS METER REPLACEMENT- AGM Greer gave a review of the type of meter, costs, and replacement schedule.  
MSC<sup>1</sup>/Reynolds/Hund 2/0 to refer to the Board of Directors for approval.
8. EMPLOYEE RECOGNITION AND AWARDS PROGRAM – GM Sauer gave an overview of the Program.  
MSC<sup>1</sup>/Reynolds/Hund 2/0 to refer to the Board of Directors for approval.
9. CAPITAL IMPROVEMENT AND REPLACEMENT PROGRAM (CIRP) – AGM Ban gave a brief update on the CIRP.  
MSC<sup>1</sup>/Hund/Reynolds 2/0 to refer to the Board of Directors for approval.
10. STAFF REPORT – GM Sauer updated the Committee on the CMC fire hydrant maintenance & repairs, and also the status of the Loan.
11. ADJOURNMENT –  
MSC<sup>1</sup>/Reynolds/Hund 2/0 to adjourn the Regular Meeting of the Water Resources and Operations Committee at 11:29 a.m.

Respectfully Submitted

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Curt Sauer, General Manager

JOSHUA BASIN WATER DISTRICT  
MEETING AGENDA REPORT

Meeting of the Water Resources & Operations Committee

March 13, 2019

Report to: Committee

Prepared by: Susan Greer 

TOPIC:  
RECEIVE INFORMATION ABOUT RECHARGE IMPACTS

RECOMMENDATION:  
Information only

ANALYSIS:

The final Project Performance Report for the DWR recharge project grant was submitted recently. The DWR grant was utilized for the pipeline construction phase of the recharge project. Fortunately, no more reporting is needed for the grant, but this is an example of how grant projects take on a life of their own, with requirements that extend far beyond the construction phase of any project, such as this reporting for the recharge pipeline project that was completed in October 2013, over five years ago.

I thought the Board might like to see the information provided relative to the ground water levels, which provide an indicator of the impacts of recharge and conservation.

While water levels at our five wells have continued to decline since recharge began in 2014, *the rate of decline in water levels has decreased by 47%*. The rate of decline for the five years from 2013 to present was 8.8 feet in total, compared to 16.7 feet of decline over the prior five years from 2008-2013. Even though the rate of decline overall has been reduced in the last five years, the rate of decline in the Copper Mountain Basin is greater than the rate of decline in the Joshua Basin. This is likely due to Well 14 (Joshua Basin aquifer) being offline for several years and Well 15 (Copper Mountain Basin aquifer) taking up the slack.

Conservation is undoubtedly also a factor, with JBWD residential customers still using approximately 20% less water than in 2013.

FISCAL IMPACT:

N/A

**WATER LEVEL MONITORING**

The table below indicates the water levels in both the Joshua and the Copper Mountain Basins before and after the Recharge Project completion in 2014:

<b>JOSHUA BASIN</b>				
Well	Date	Sounder Depth (feet)	Decline	Decline Over Prior 5 Years (2008-2013)
10	12/19/13	459.0		
10	12/18/14	459.0		
10	12/7/15	459.0		
10	3/16/17	460.1		
10	4/17/18	460.5	1.5 feet	1.0 foot
14	12/19/13	365.0		
14	7/2/14	366.0		
14	12/29/15	366.5		
14	6/7/16	362.5		
14	12/27/17	365.4	.4 feet	2.0 feet
17	12/19/13	223.0		
17	12/7/15	224.7		
17	3/16/17	224.8		
17	12/27/17	223.6	.6 feet	3.7 feet
<b>COPPER MOUNTAIN BASIN</b>				
Well	Date	Sounder Depth (feet)	Decline	Decline Over Prior 5 Years (2008-2013)
15	12/19/13	382.0		
15	12/18/14	382.0		
15	12/8/15	383.3		
15	6/7/16	383.0		
15	3/16/17	384.6		
15	4/18/18	385.0	3.0 feet	5.0 feet
16	12/19/13	258.0		
16	12/7/15	259.9		
16	3/16/17	260.8		
16	12/27/17	261.3	3.3 feet	5.0 feet
<b>CUMULATIVE</b>			<b>8.8 feet</b>	<b>16.7 feet</b>