

**Explanation of the GMD 1 Potential Additional LEMA
Preliminary Draft Group Allocation Report
February 23, 2022**

- **These allocations are DRAFT** and subject to change based on: additional changes to the allocation method determined by the Board, corrections to the wateruse record from DWR’s on-going review, and **subject to an appeal procedure** under development to give due consideration of past conservation.
- **Water right group** – The Water Right Group is composed of all legally overlapped water rights (typically by place of use, point of diversion, or both).
- **Section 1** provides a listing of the individual Water Right File Numbers included within the Water right group, as well as their authorized individual points of diversion, and Group Authorized Quantity (the sum of the net authorized quantities for the water right included within the group).
 - Note: the letter immediately following the Water Right File Number indicates your interest in the water right: blank for none; “O” for owner; “W” for wateruse correspondent; and “O/W “for both.
- **Section 2** provides the **basis of the group allocation** determined in the Section 3 including the total **authorized** acres covered by the water rights of the group, the sum of average wateruse for 2011-20 for the group, the group reported use expressed as **inches on authorized acres**, and the percentage reduction from historic use that would be required under the LEMA for the group.
 - In computing the “group average historic use,” any year(s) in which the **group use is zero** are **excluded** from the computation of the group average use.
 - The “group historic inches on authorized acres” is determined by dividing the average historical wateruse of the group by the group authorized acres.
 - The “group % reduction from historic use” is determined based on a sliding scale where no reduction is required for inches per **authorized** acre less than 3 inches and a maximum reduction of 25% is required where the inches per **authorized** acre is greater than 12 inches, with a sliding scale between these values.
- **Section 3** provides the preliminary draft 5-year group allocation for the water right group based on the information currently available to the Board.
 - Note: water rights would share this group allocation for the 5-year period, provided that each water right would be limited each year to its annual authorized quantity, just as they are today.
 - The Board will provide **an opportunity to appeal the allocation** based on previous voluntary conservation measures and water right ownership/control changes.
- **Section 4** includes information provided **for reference only**. It includes the group average reported acres for 2011-2020, the “Group Inches, Historic Use on Reported Acres” and the “Group Inches, Allocation on Reported Acres.”
- **Note:** Vested Rights will be exempt from the LEMA. Other water rights in the group will provided an allocation based on the same principle as non-vested groups. This is not fully reflected in these reports.

Example Allocation Report

2/23/2022

Corrections: 3/14/2022

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All information preliminary and subject to change

Water Right Group 4								For reference only			
File Number	Point of Diversion	Group Authorized Quantity, AF	Group Authorized Acres	Group Average Historic Use 2011-2020, AF	Group Historic Inches on Authorized Acres	Group % Reduction from Historic Use	Group Proposed 5-Year Allocation AF	Group Average Reported Acres	Group Inches, Allocation on Reported Acres	Group Inches, Historic Use on Reported Acres	
SO	3413N 9	18-32W 4									
80	2621N 5	2-18-32W 5									
	AKA: 246	WELL									
25	2805N 2	2-18-32W 1									
Group Information:		863.00	664.00	478.75	8.65	15.70%	2,017.93	758.60	6.38	7.57	
							Corrected → 620.00	7.81	9.27		

Note: the letter(s) immediately following the File Number indicates your interest in the water right: blank for none; "O" for owner; "W" for wateruse correspondent; and "O/W" for both.

Calculations

- Group historic use on authorized acres =
 $478.75 \text{ AF} / 664 \text{ acres} * 12 \text{ inches/foot} = 8.65 \text{ inches/authorized acre}$
- Group % reduction from Historic use.
 Using the graph to the right, start at the bottom with 8.65 inches/authorized acre; go straight up to the line, then go left to read the % reduction from historic use of 15.7 %
- Group Proposed 5-year allocation =
 $478.75 \text{ AF/year} * (1 - 0.157) * 5 \text{ years} = 2,017.93 \text{ AF}$
- Group Inches, Allocation on Reported Acres =
 $2,017.93 \text{ AF} / 5 \text{ years} / 620 \text{ acres} * 12 \text{ inches/foot} = 7.81 \text{ inches}$
Note: reported acres corrected due to reporting errors
- Group inches, Historic Use on Reported acres =
 $478.75 \text{ AF/year} / 620 \text{ acres} * 12 \text{ inch/foot} = 9.27 \text{ inches}$

