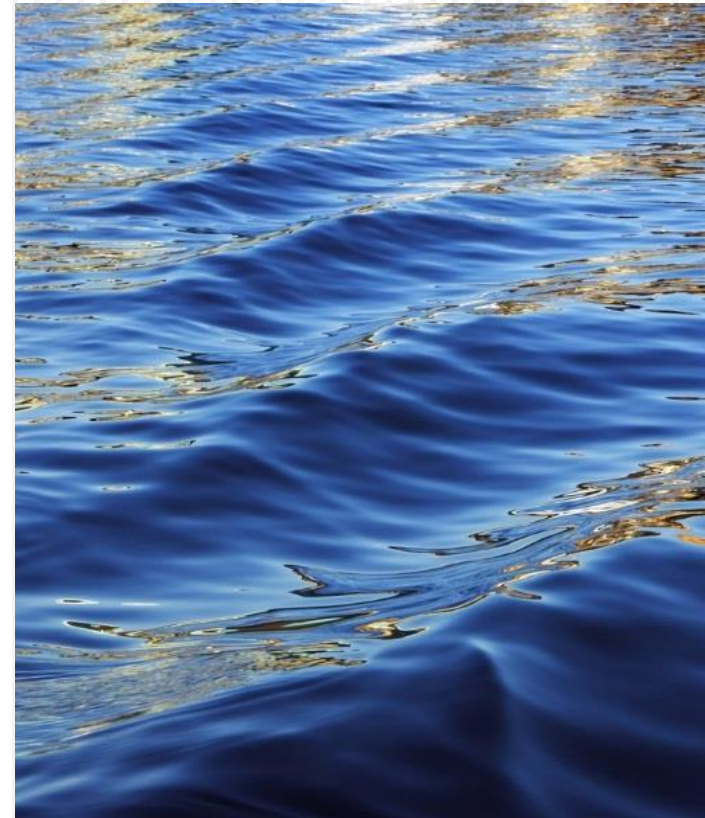


Salinas Valley Groundwater Basins Sustainable Management Criteria

Salinas Valley Basin GSA
Technical Advisory Committee
July 19, 2018



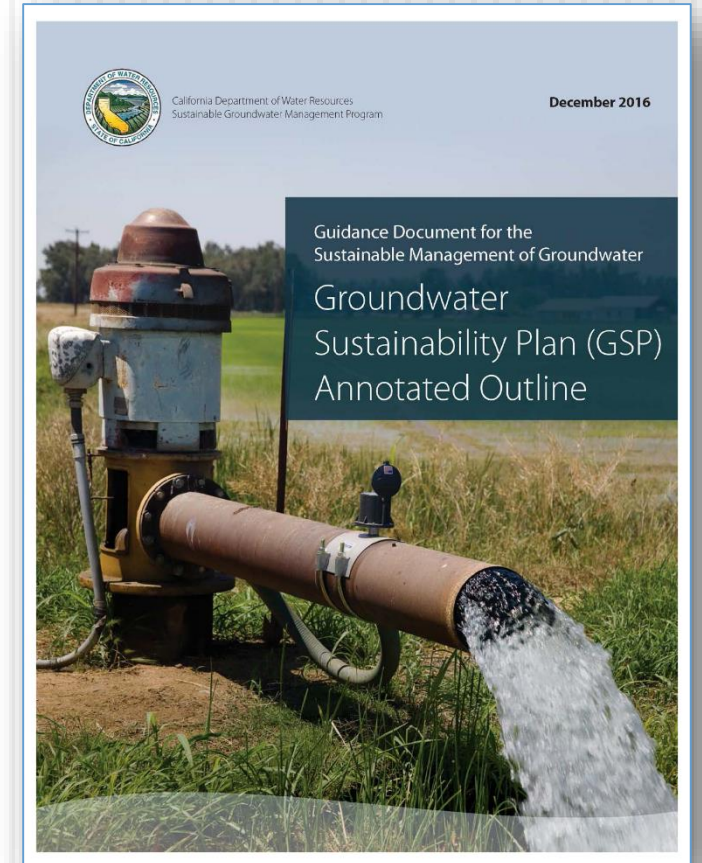
Presentation Objective

- Purpose of Sustainable Management Criteria
- Review Sustainable Management Criteria terms
- Outline approach to developing Sustainable Management Criteria

- SGMA requirement to “...consider the interests of all beneficial uses and users of groundwater ...”

Sustainable Management Criteria in the Simplified GSP Outline

- Part 1: Describe who you are
- Part 2: Describe the basin's geology and hydrogeology (with sustainable yield)
- Part 3: Define how you will measure sustainability
- Part 4: Identify programs and projects that get you to sustainability
- Part 5: Implementation information

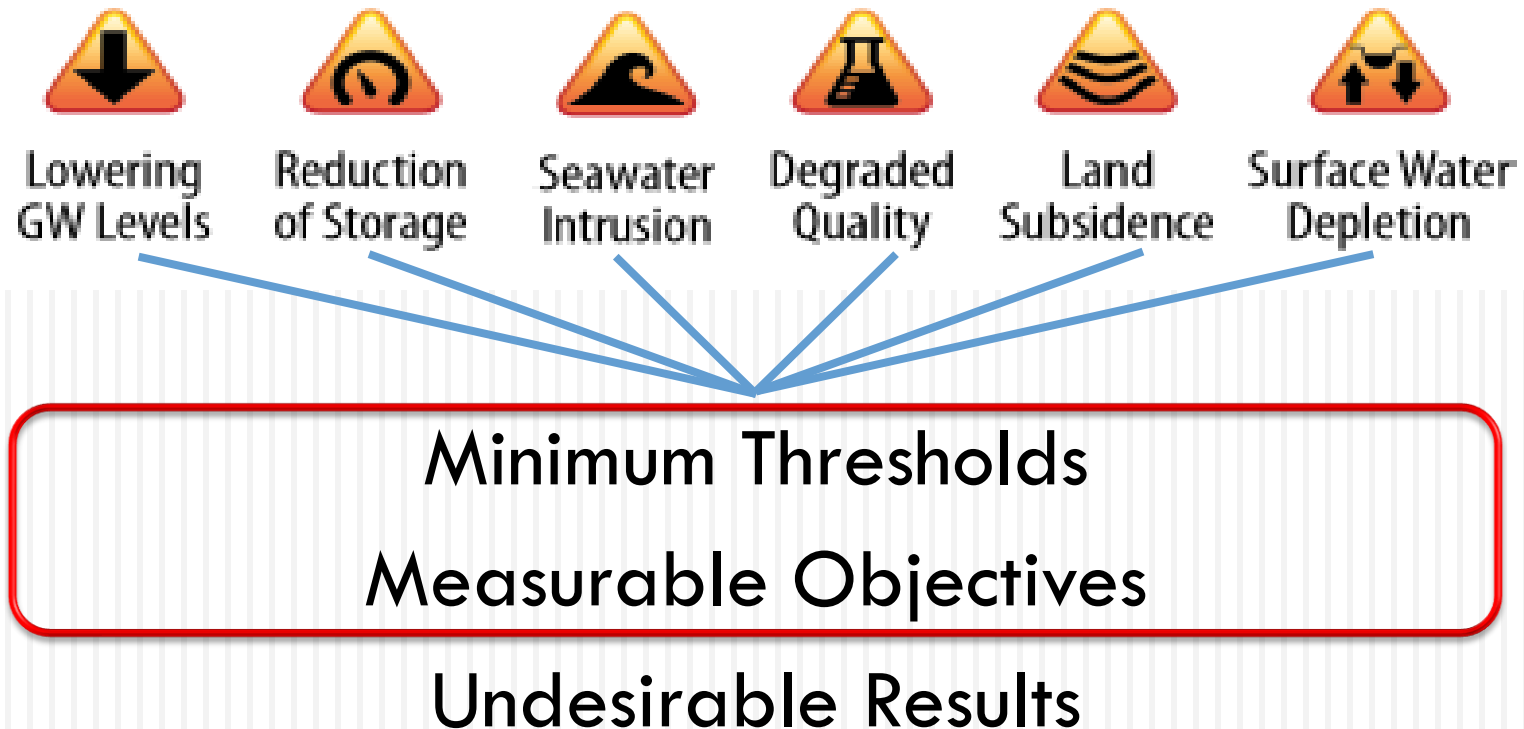


Sustainability Definition is Locally Driven

- Locals define what is unacceptable
- Locals define what the groundwater basin should look like in 20 years
 - ▣ What improvements would you like compared to current conditions?
 - ▣ How do today's conditions compare to what is unacceptable?
- SGMA requirement to "...consider the interests of all beneficial uses and users of groundwater ..."

This is all accomplished through locally defined Sustainable Management Criteria

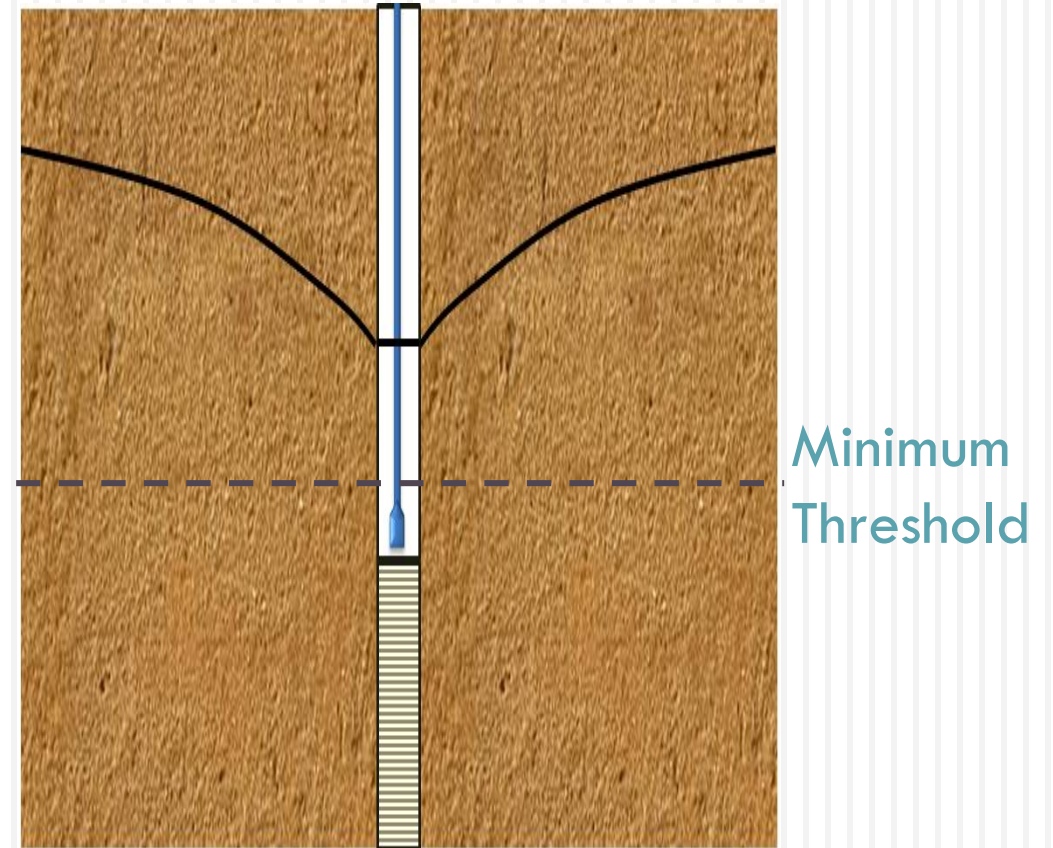
Review of Sustainability Management Criteria Terms



Minimum Threshold

6

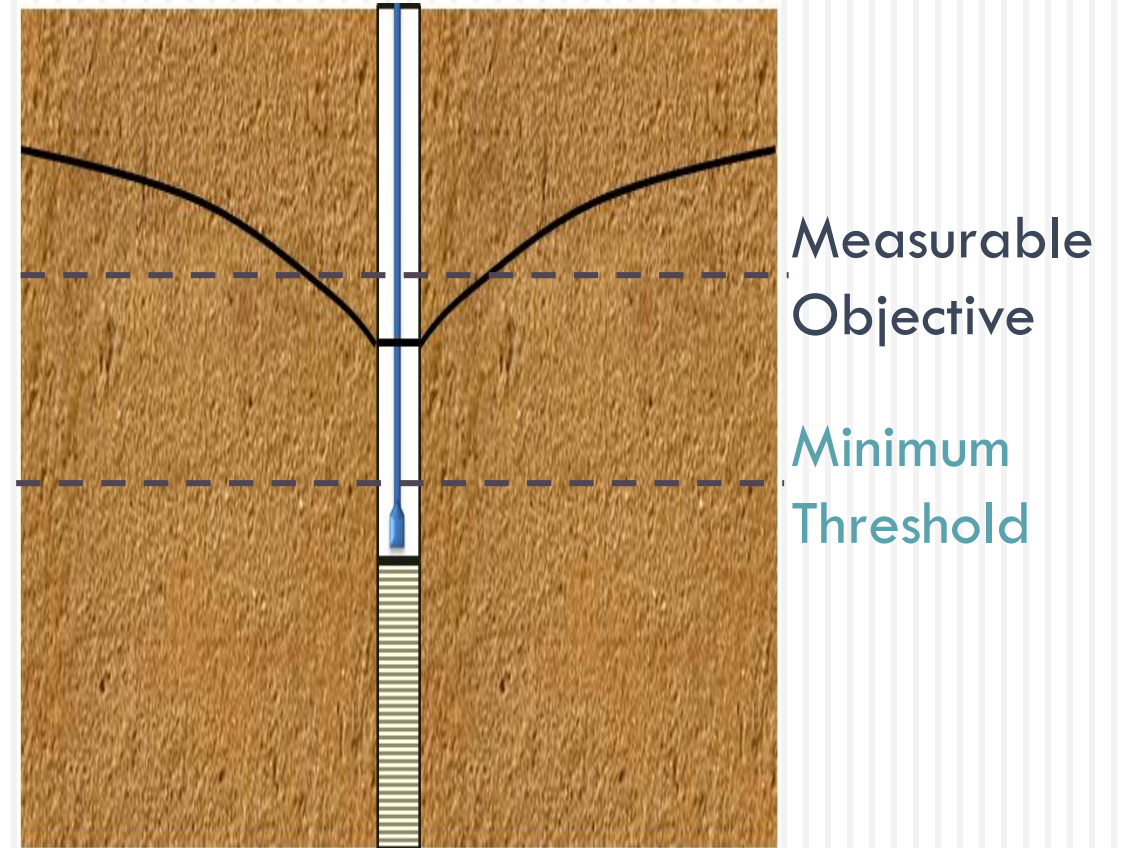
- ❑ Quantitative value that is used to define an undesirable result
- ❑ Set at each representative monitoring point (well)
- ❑ Set for each of the six sustainability indicators



Measurable Objective

7

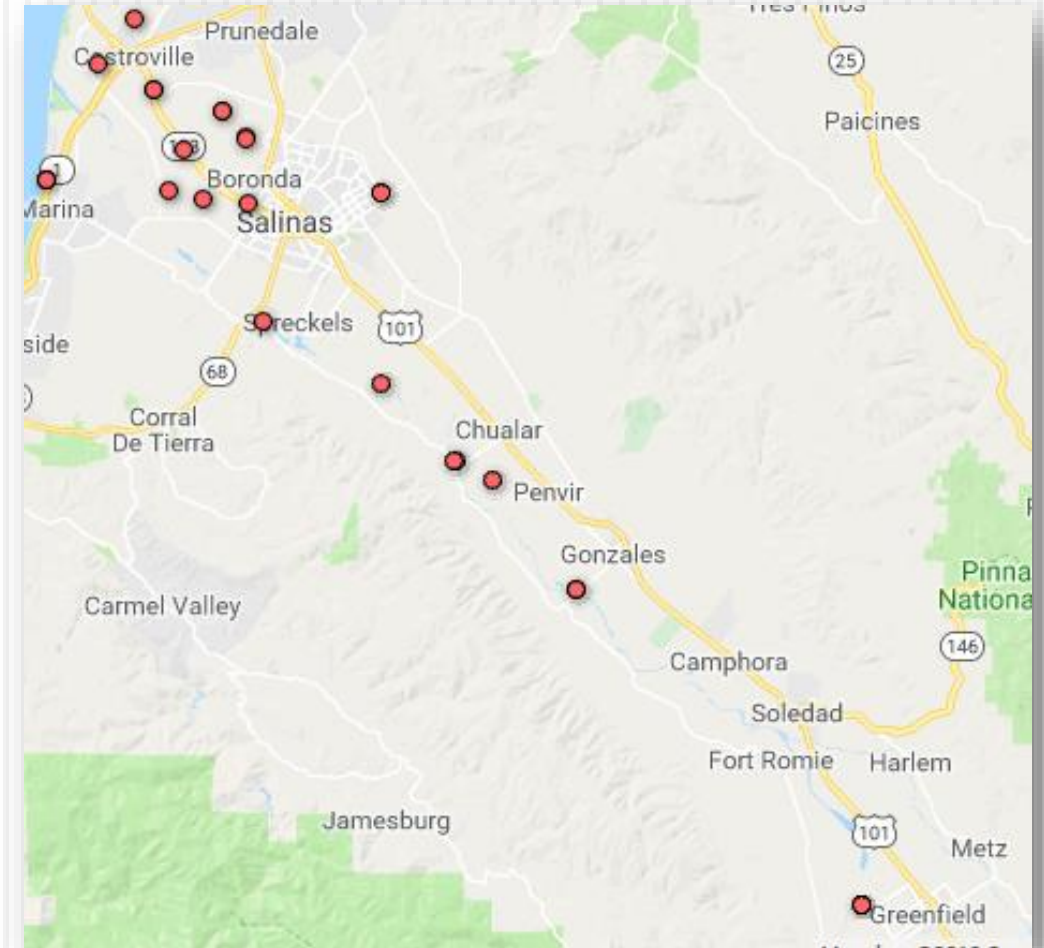
- ▣ Quantitative target or goal that allows operational flexibility above the Minimum Threshold
- ▣ Set at each Representative Monitoring Point (well)
- ▣ Set for each sustainability indicator



Approach to Defining MT and MO

8

- Public meetings to define what is unacceptable (Minimum Threshold) and what is desirable (Measurable Objective)
 - ▣ Asking for people's values and tolerances, not numbers
- Compare results to data from wells, streams, etc.

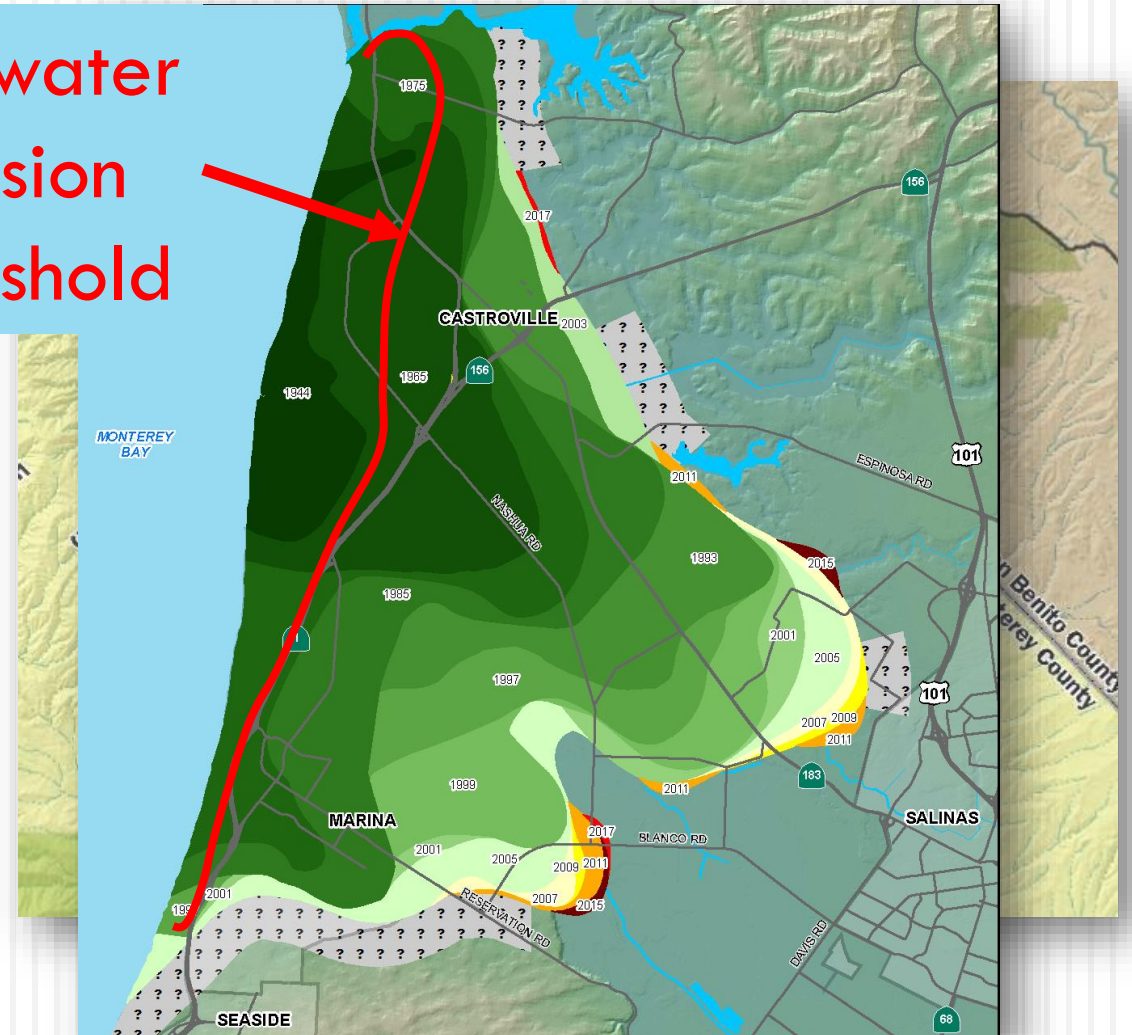


Approach to Defining MT and MO

9

- Propose MT and MO that reflect public sentiment, groundwater data, and practical achievability
- Present maps of MT and MO to Advisory Committee, Board, and stakeholders
- Iterate

Seawater
Intrusion
Threshold



Process Funnel



Questions