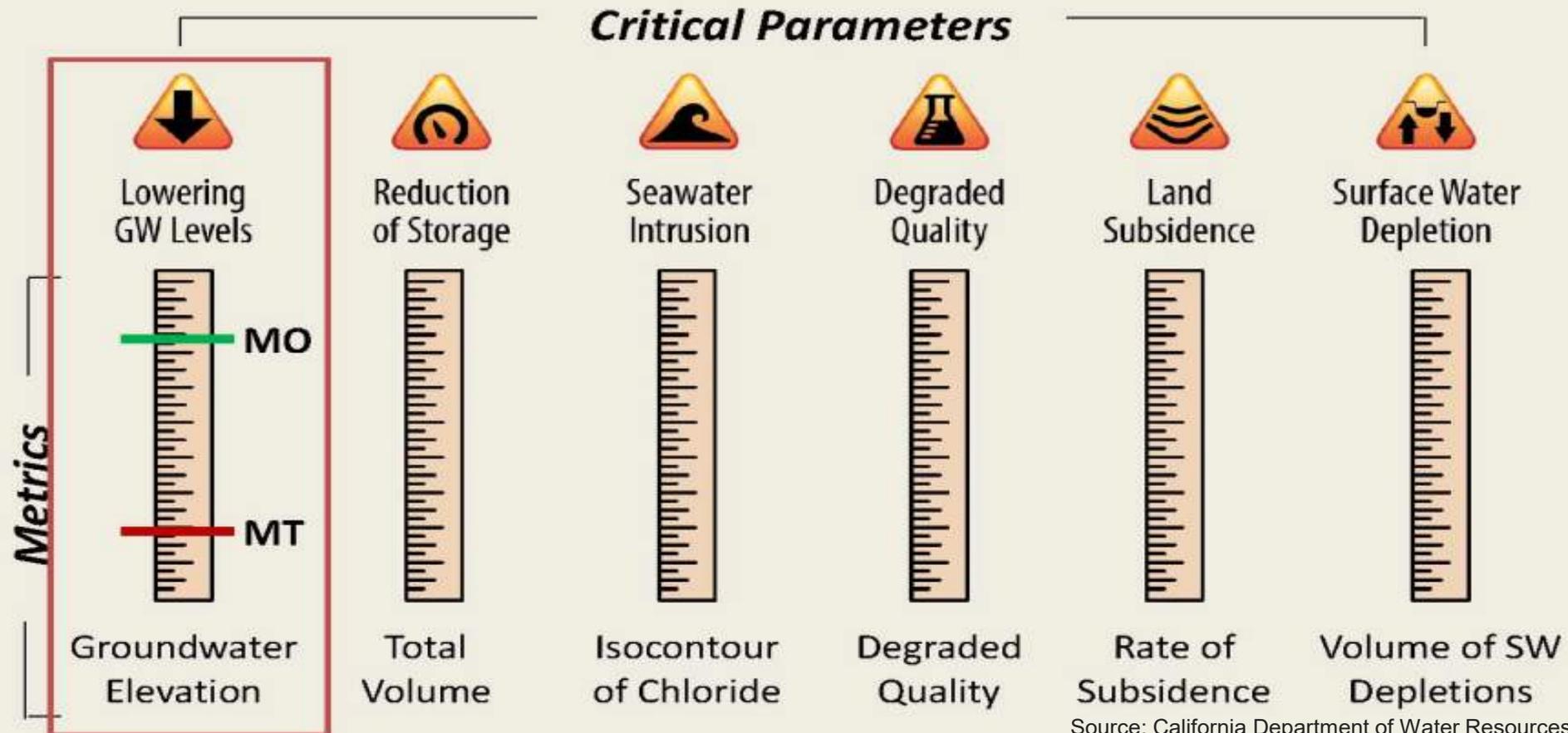


Tracy Subbasin Public Workshop

Sustainable Groundwater Management Criteria

January 21, 2021



Meeting Format and Webinar Instructions

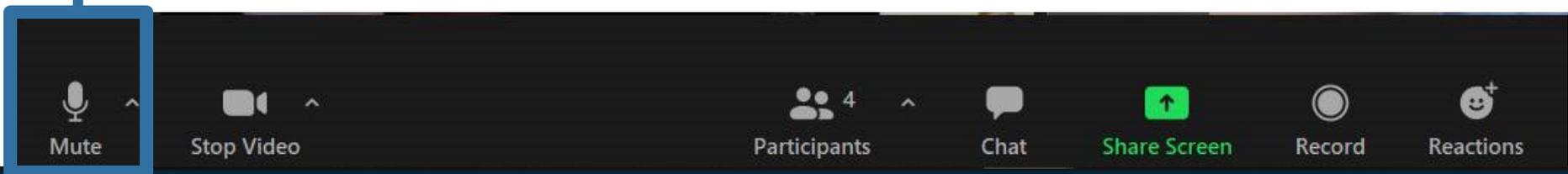
Audio Options

Mute and unmute yourself.

Adjust your audio options (microphone and speaker).

Switch to phone audio.

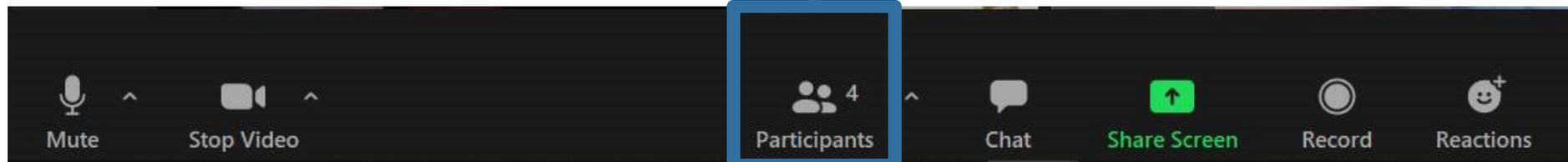
Note: All participant microphones will be muted while the speaker is presenting.



Participants

View other participants.

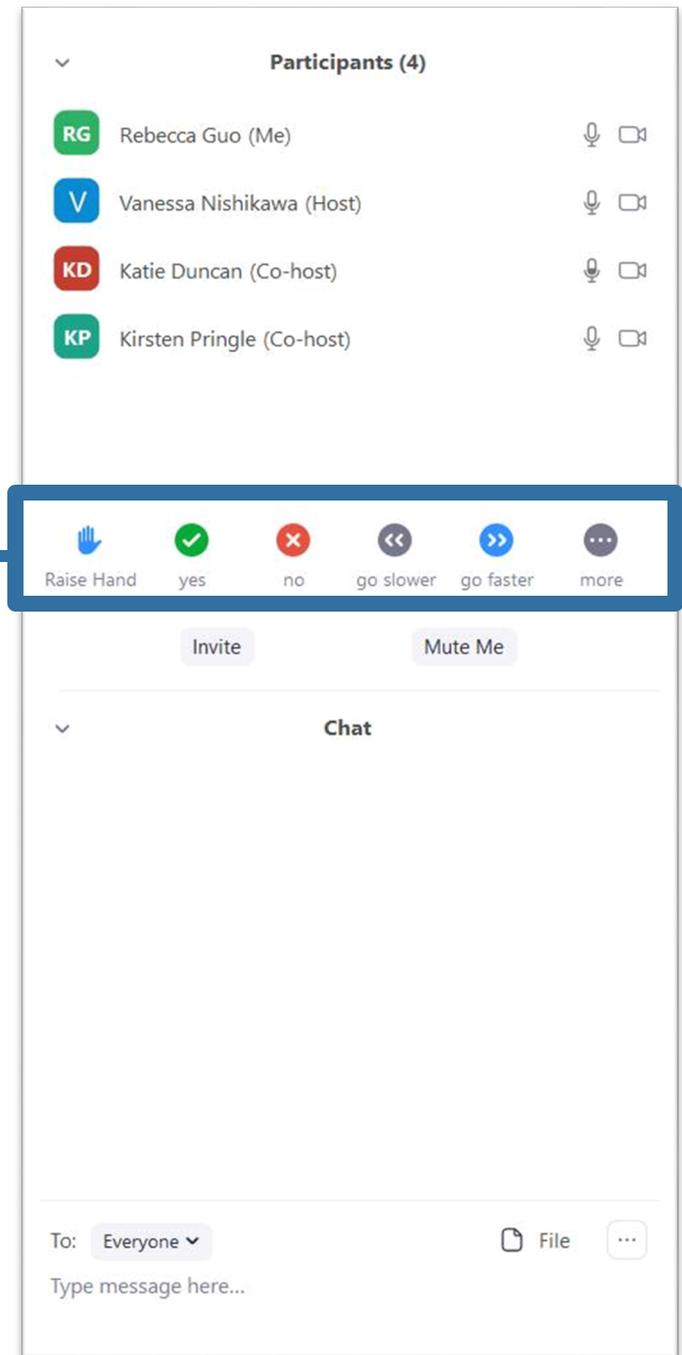
Provide non-verbal feedback.



Provide Nonverbal Feedback

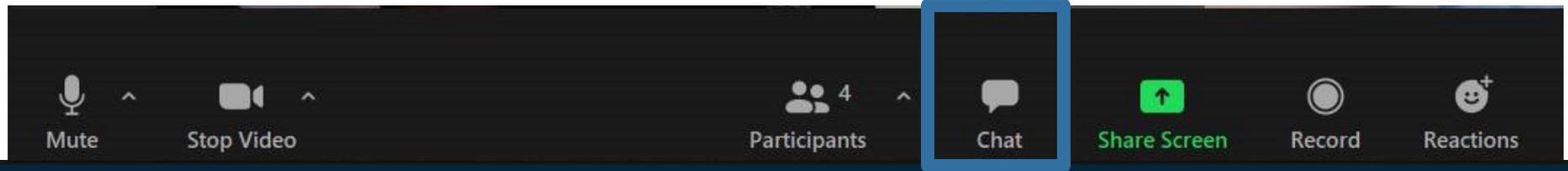
Provide nonverbal feedback in the Participants Window.

The feedback will be visible to both the hosts and other meeting participants.



Chat

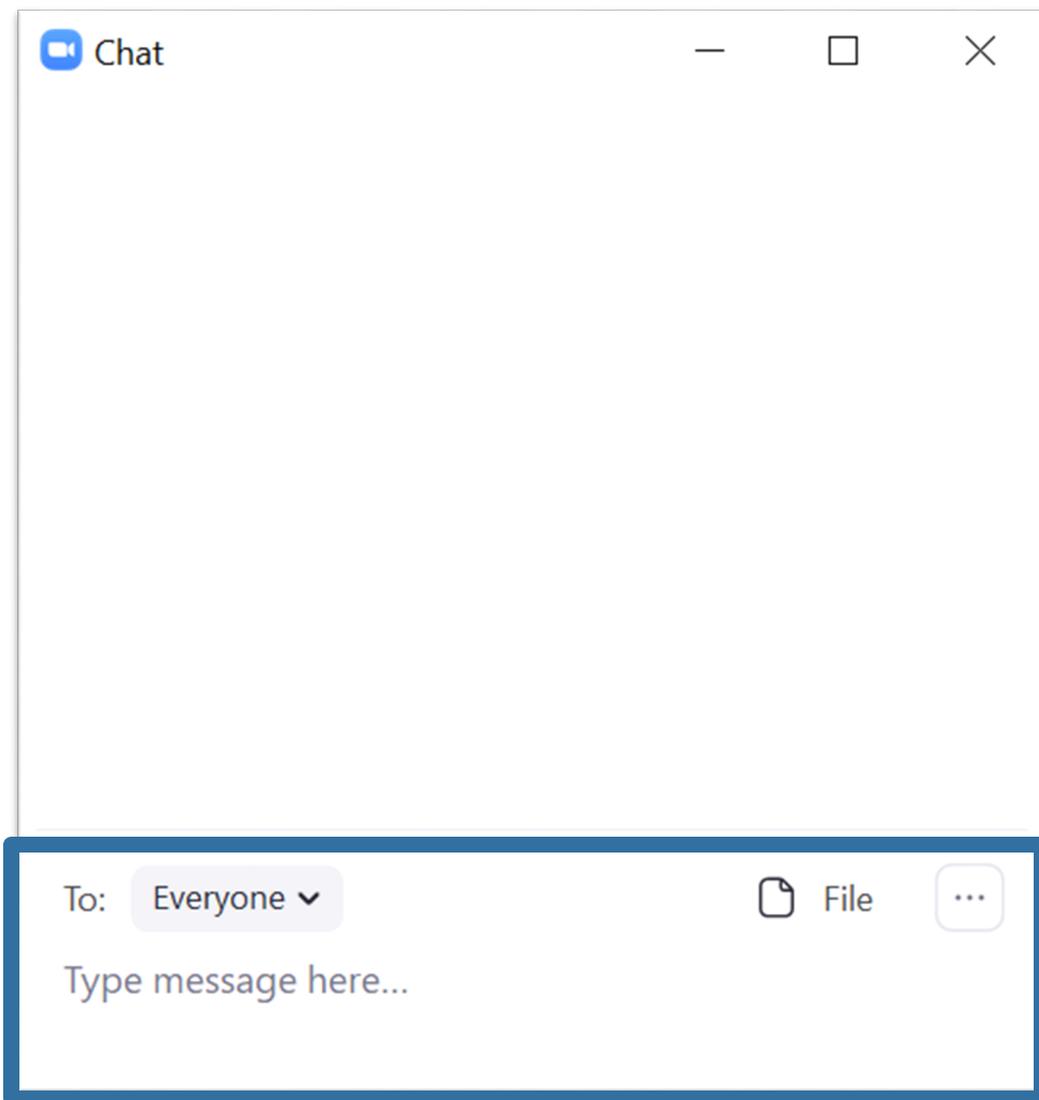
Send a message to the meeting organizers or other participants.



Chat

Select who to send your message to in the “To” section. You can message to all the meeting participants or just the hosts.

Type your message in the box at the bottom of the Chat Window.



Handouts



ZOOM HANDOUT



SUSTAINABLE MANAGEMENT
CRITERIA HANDOUT

This Meeting is Being Recorded



A recording of the webinar and copies of the webinar materials will be uploaded on the Tracy website at

www.tracysubbasin.org

Presentation: Sustainable Management Criteria Overview

Sustainable Groundwater Management Act Key Terms

SGMA = Sustainable Groundwater Management Act

GSA = Groundwater Sustainability Agency

GSP = Groundwater Sustainability Plan

DWR = California Department of Water Resources

Sustainability Goal

Undesirable
Results

Sustainable
Management
Criteria

Minimum
Thresholds

Measurable
Objectives

Sustainability Indicators and Undesirable Results

Sustainability Indicators						
Metric(s) Defined in GSP Regulations	<ul style="list-style-type: none"> Groundwater Elevation 	<ul style="list-style-type: none"> Extraction Volume 	<ul style="list-style-type: none"> Chloride concentration isocountour 	<ul style="list-style-type: none"> Migration of Plumes Number of supply wells Volume Location of isocountour 	<ul style="list-style-type: none"> Rate and Extent of Land Subsidence 	<ul style="list-style-type: none"> Volume or rate of surface water depletion

Source: DWR

Measurable
Objective



Minimum
Threshold

Interactive Discussion: Draft Sustainable Management Criteria for the Tracy Subbasin

Sustainable Management Criteria Worksheet

- Part 1 (Optional) – Asks basic information about you.
- Part 2 (Optional) – Ask more information about how you use water and your understanding of SGMA
- Part 3 – Asks for you to provide input on how to define sustainability for the region's groundwater resources

Worksheet Part 3 – Question 1

How would you describe 'sustainability' in terms of the region's groundwater resources? What would make the region's groundwater resources 'unsustainable'?

Worksheet Part 3 – Question 2

The agencies have identified the following draft criteria to define how low **groundwater levels** could drop before they become significant and unreasonable:

- Domestic and irrigation wells go dry
- Increased costs to pump groundwater
- Surface water is depleted such that creeks go dry
- Groundwater supported vegetation die or cannot repopulate
- Groundwater quality is degraded by increasing the salt content
- Groundwater quality declines to the point of being unusable

Worksheet Part 3 – Question 2

- Are these impacts good indicators of the sustainability of the region's groundwater resources? Why or why not?
- Are there other impacts related to the reliability of the region's groundwater resources that the agencies should consider?

Worksheet Part 3 – Question 3

The agencies have identified the following draft criteria to define what would make the **quality of groundwater** significant and unreasonable:

- Occurrences of large-scale groundwater contamination
- Contaminant concentrations in public supply wells above legal limits
- Degraded water quality that leads to reduced crop production
- Increased salinity requiring treatment
- Implementation of projects and actions that increase concentrations of elements that make the groundwater unusable

Worksheet Part 3 – Question 3

- Are these impacts good indicators of the **quality** of the region's groundwater resources? Why or why not?
- Are there other impacts related to the **quality** of the region's groundwater resources that the agencies should consider?

Worksheet Part 3 – Question 4

- What type of impacts caused by land subsidence (sinking) could occur before the subsidence becomes significant and unreasonable (e.g. damage to infrastructure, increased flooding)?

Worksheet Part 3 – Question 5

- To what extent are issues of surface water depletion a concern to you and your community?
- To your knowledge, are there areas within the region that rely on groundwater to support the overlying environment? If yes, where are these areas located?

Worksheet Part 3 – Question 6

- What other impacts caused by or related to groundwater use should the Groundwater Sustainability Agencies consider when defining sustainability for the basin's groundwater resources?

Next Steps

Please send your completed worksheet via email to Kirsten Pringle at Kirsten.Pringle@Stantec.com by next Thursday, January 28.

Stay Involved

Get Involved

STAY INFORMED

- Attend monthly meetings
- Visit our website
- Read our newsletter

PROVIDE INPUT

- Provide comments on draft GSP chapters on the website

SIGN-UP

- Sign-up to be an interested party

GSP Development Schedule

Chapter Number	Chapter	Anticipated Public Review
1	Introduction	Complete
2	Agency Introduction	Complete
3	Description of Plan Area	Complete
4	Hydrogeologic Conceptual Model	Complete
5	Groundwater Conditions	Ongoing – Comments due Jan 13, 2021
7	Management Areas	Jan/Feb 2021
8	Monitoring Network	Jan/Feb 2021
9	Sustainable Management Criteria	Jan/Feb 2021
6	Water Budgets	Mar/Apr 2021
10	Projects and Management Actions	Mar/Apr 2021
11	Notice and Communication	Apr/May 2021
Complete Public Draft	Public Draft GSP Review	Jul/Aug 2021

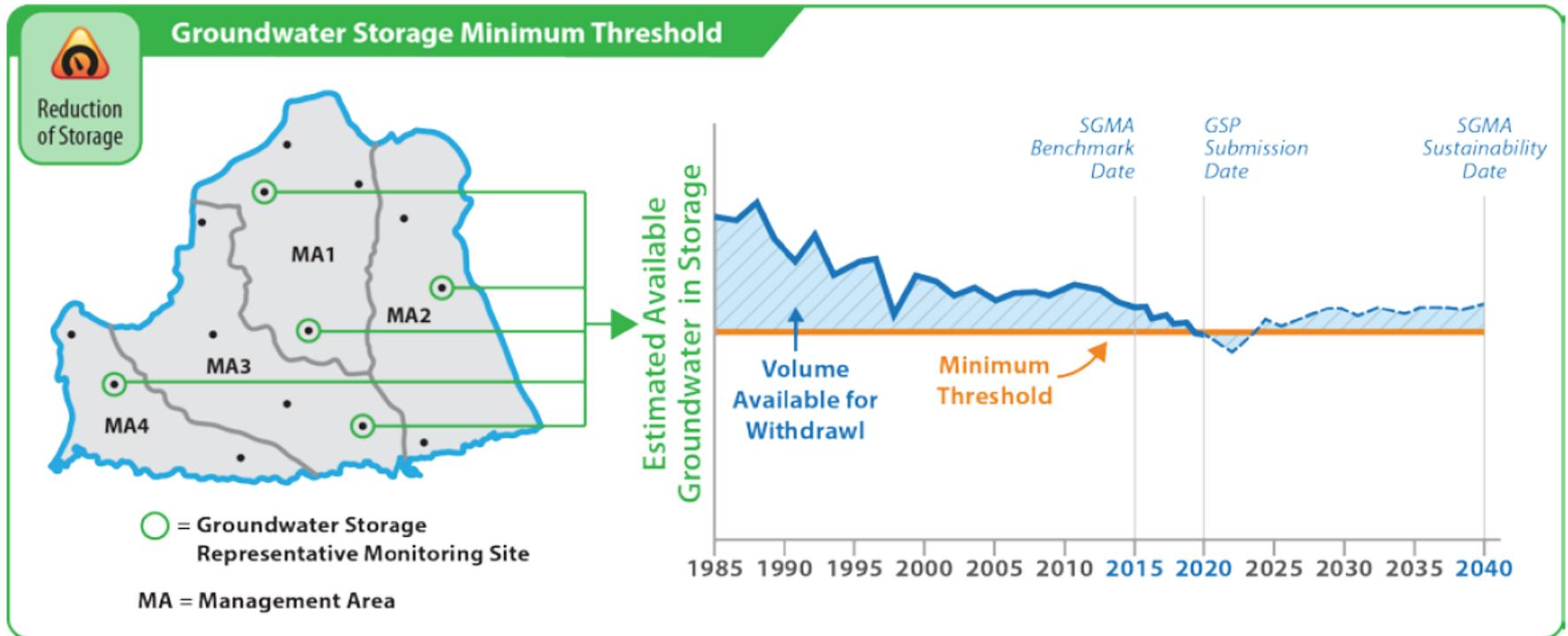


For more information visit the
Tracy Subbasin website:
<https://tracysubbasin.org>

For questions, contact
Matt Zidar, San Joaquin County,
mzidar@sjgov.org

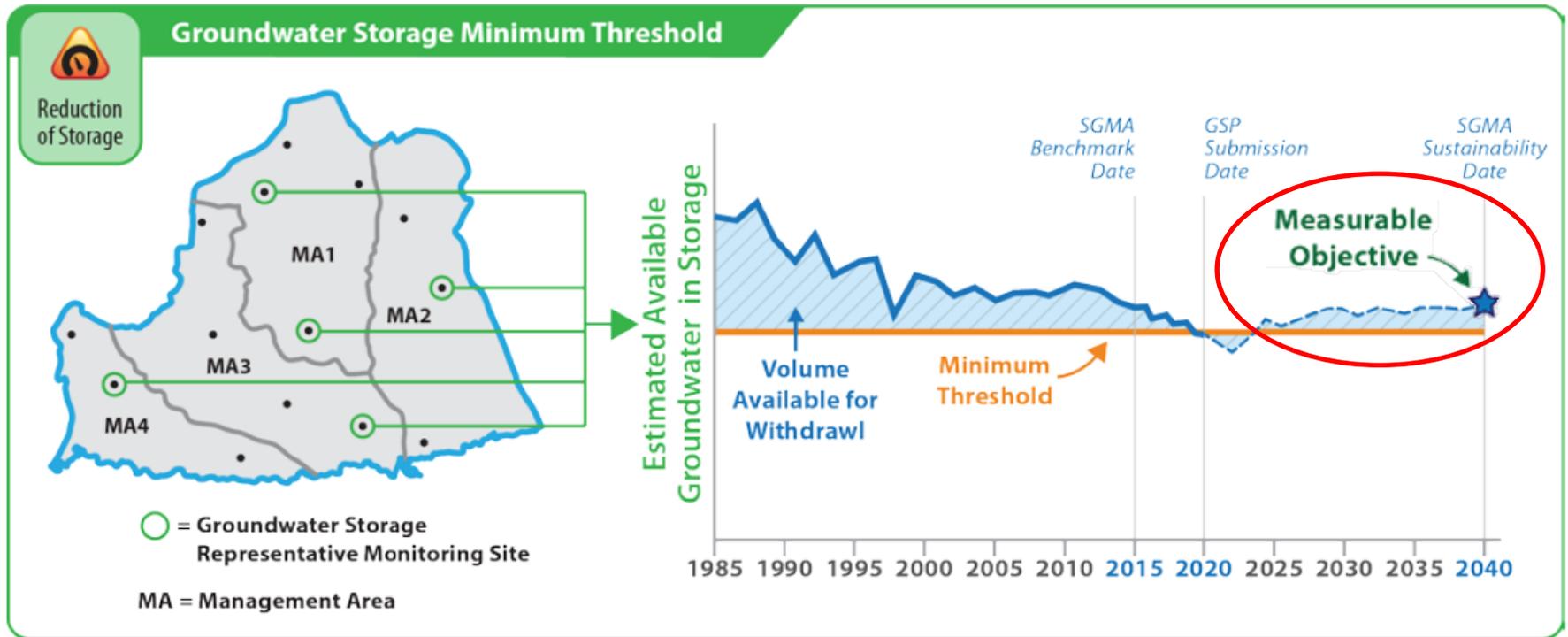
Extra Slides

Minimum Threshold



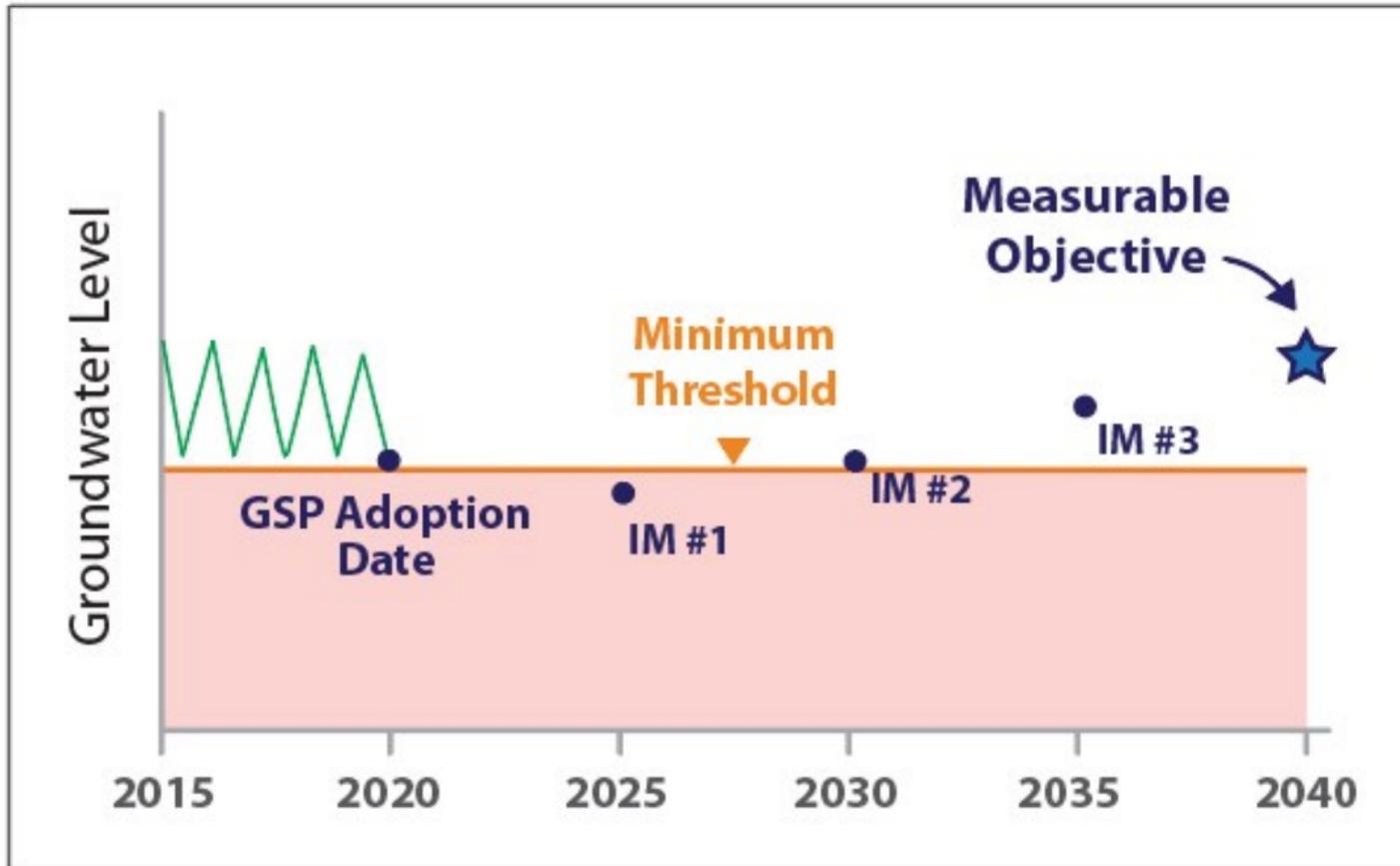
Source: SGMA BMP Guide

Measurable Objective



Source: SGMA BMP Guide

Interim Milestones



Source: SGMA BMP Guide

Recap: Minimum Thresholds and Measurable Objectives

