



San Gorgonio Pass Stakeholder Advisory Meeting

Date: January 26, 2021

Time: 9:00am

Called by: San Gorgonio Pass Water Agency

Location: Join on your computer or mobile app
[Click here to join the meeting](#)
Or call in (audio only)
[+1 559-512-2821,,272538315#](#)
Phone Conference ID: 272 538 315#

Subject: San Gorgonio Pass Stakeholder Advisory Meeting

Agenda

1. Introductions
2. Review of November Meeting
3. Apple Fire Impacts to GSP Development
4. Summary of Work: Sustainable Management Criteria
5. Summary of Work: Modeling
6. GSP Development Schedule
7. Next Steps
8. Schedule Next Meeting

**Minutes of the
San Gorgonio Pass Subbasin Stakeholder Advisory Committee Meeting
November 10, 2020**

The fourth meeting of the Stakeholder Advisory Committee of the San Gorgonio Pass Subbasin was called to order by Lance Eckhart, General Manager of the San Gorgonio Pass Water Agency, at 9:00 am on Tuesday, November 10, 2020. The meeting was held virtually via Microsoft Teams.

Members of the Stakeholder Advisory Committee participating included John Covington of the Morongo Band of Mission Indians, Larry Ellis of the Banning Bench Community of Interest, and Robert Taylor of the US Forest Service. Also participating were SGPWA General Manager Lance Eckhart, Terry Erlewine and Kaitlyn Palys of Provost & Pritchard, Pakiza Chatha of the Department of Water Resources, and Jeff Davis of the SGPWA.

There were no members of the public who wished to address the Committee.

The minutes of the August 6 meeting were approved by acclamation.

Kait Palys of Provost & Pritchard began presenting a PowerPoint. She shared the presentation with Terry Erlewine, each leading various portions of the presentation. She began with a discussion of sustainable management criteria. She defined the terms “minimum thresholds”, “undesirable results”, “measurable objectives”, and “sustainability goals.” She then reviewed the proposed schedule for the sustainable management criteria portion of the GSP. A brief discussion of adaptive management ensued, and how that could be used in the future to manage sustainable management criteria.

Terry Erlewine summarized the work to date on the model of the subbasin, and gave a status report. He noted that the model will be calibrated with 20 years of data—1998 through 2018. Robert Taylor of the US Forest Service asked how the effects of the Apple fire, which burned a substantial portion of the upper reaches of the subbasin, would be considered, since it occurred in 2020, outside of the calibration period. Terry Erlewine noted that the modeling team will have to consider this, and that it may be more useful to include that in a future five year update, since it would be difficult to include the potential effects at this time. He noted that it is likely that the fire will reduce consumptive use in the canyon portions of the subbasin, thus increasing inflows to the main portion of the subbasin. He also noted that the twenty year calibration period has been particularly dry, with only four years of above average precipitation; this could impact calibration as well. Nevertheless, calibration must be completed so that the GSP can move forward and meet the January 2022 deadline.

Kaitlyn then provided a summary of work on the Data Management System (DMS). She noted that a focus group has been formed that is meeting regularly to discuss what the DMS should look like. The focus group has discussed what would go into future annual reporting, as this will inform the DMS. She informed the group that data collection for the DMS will be ongoing, even after completion of the GSP. She then reviewed a proposed schedule for the DMS.

Kaitlyn and Terry then reviewed next steps in the process, noting a December 7 meeting of the working group and the objectives of both that meeting and the next Stakeholder Advisory meeting. They

reported that the model must be completed and calibrated before work can begin on the sustainable management criteria and other key parts of the GSP. They reviewed the project schedule, showing a public review draft of the GSP in October 2021.

The next meeting of the Stakeholder Advisory Committee was set for Tuesday, January 26 at 9:00 am, likely also on Microsoft Teams.


Lance Eckhart adjourned the meeting at 10:29 am.



San Geronio Pass GSP Development

Stakeholder Advisory Meeting

January 26, 2020

The background of the slide is a vibrant collage of colorful speech bubbles and raised hands. The speech bubbles come in various shapes and colors, including green, orange, pink, blue, purple, and dark green. The raised hands are also colorful, in shades of light blue, pink, yellow, and purple. A large, teal-colored rectangular box with a diagonal line pattern is positioned in the center-right of the slide, containing the text 'PUBLIC COMMENTS' in white, bold, sans-serif capital letters.

PUBLIC COMMENTS

Approval of November Stakeholder Advisory Meeting Minutes



San Geronio Pass GSP Stakeholder Advisory Meeting

- Introductions
- Review of November Meeting
- Apple Fire Impacts to GSP Development
- Summary of Work: Sustainable Management Criteria
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Key Topics from Last Meeting



Sustainable Management Criteria: Conceptual Examples



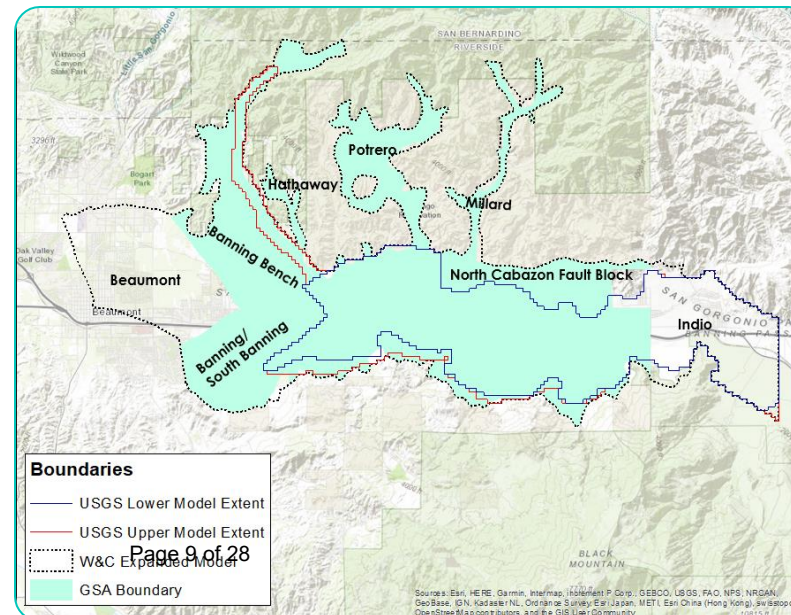
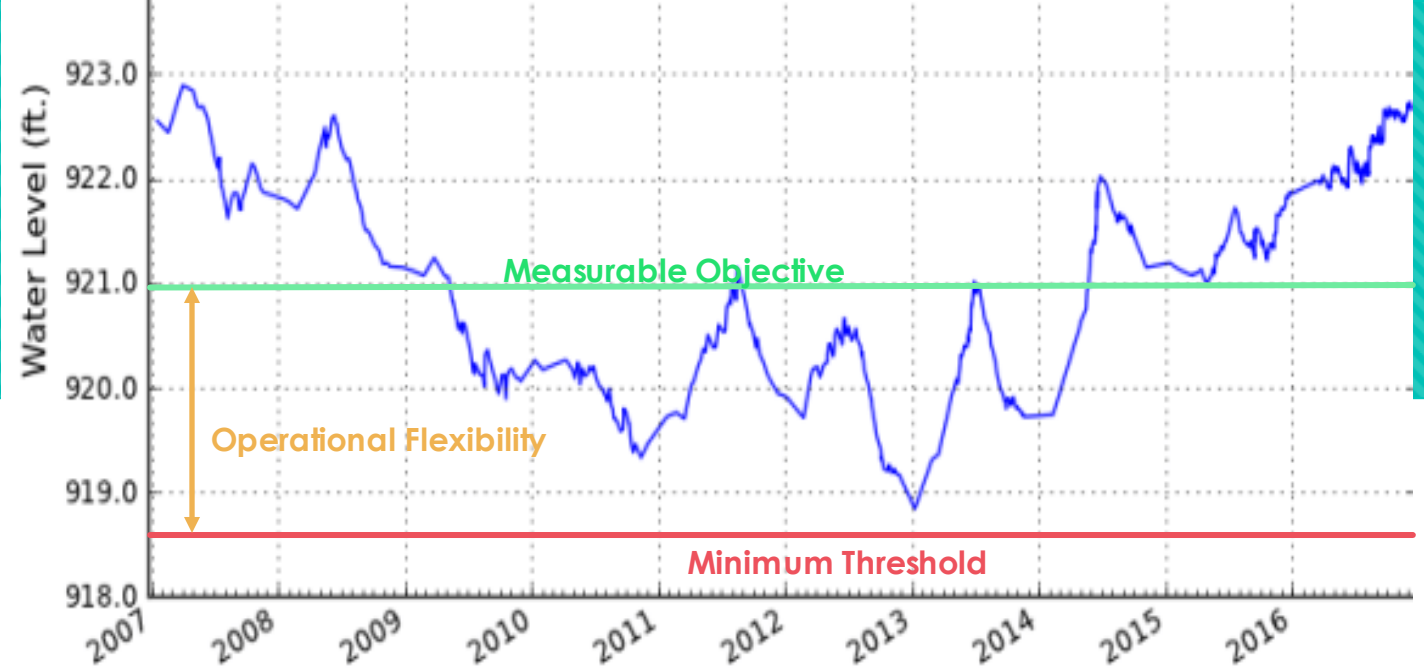
Modeling Expansion progress



Apple Fire's Impacts on SGP Development



DMS Working Group review of Reporting Requirements

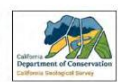


Watershed Emergency Response Team Evaluation APPLE and EL DORADO FIRES



CA-RRU-096640
CA-BDU-012925

November 2, 2020



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P&P met with City of Banning and Banning Heights Mutual Water Company on Dec. 17th to discuss the historic surface water use and projected flume repair timeline.

**Watershed Emergency Response Team Evaluation
APPLE and EL DORADO FIRES**

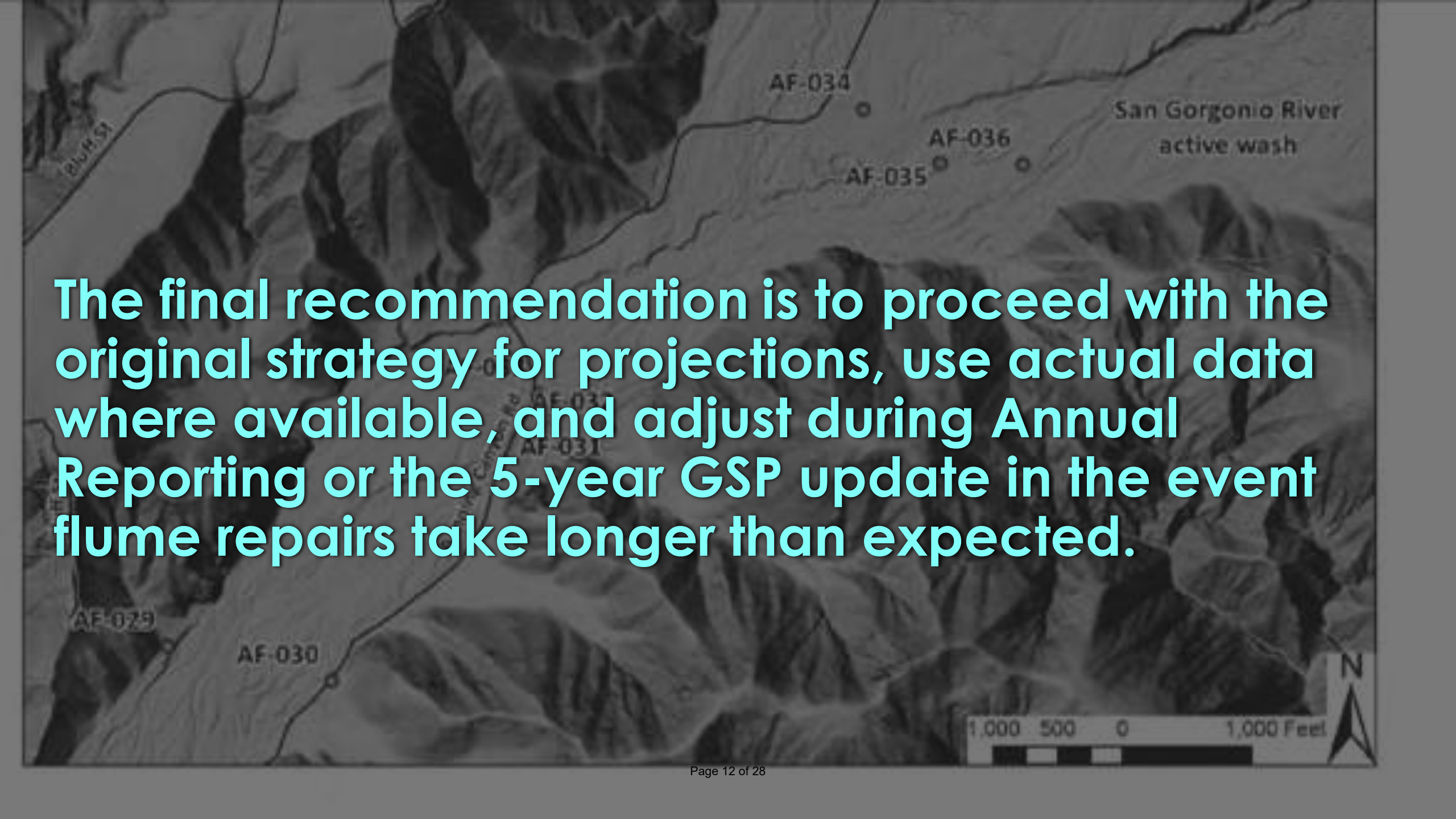


CA-RRU-096640

CA-BDU-012925

November 2, 2020





The final recommendation is to proceed with the original strategy for projections, use actual data where available, and adjust during Annual Reporting or the 5-year GSP update in the event flume repairs take longer than expected.

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Sustainable Management Criteria

minimum thresholds and measurable objectives

are determined for the applicable sustainability indicators.



Sustainable Management Criteria (SMCs) focus on how to avoid significant and unreasonable impacts to the **beneficial uses** of groundwater.



Industrial



Municipal



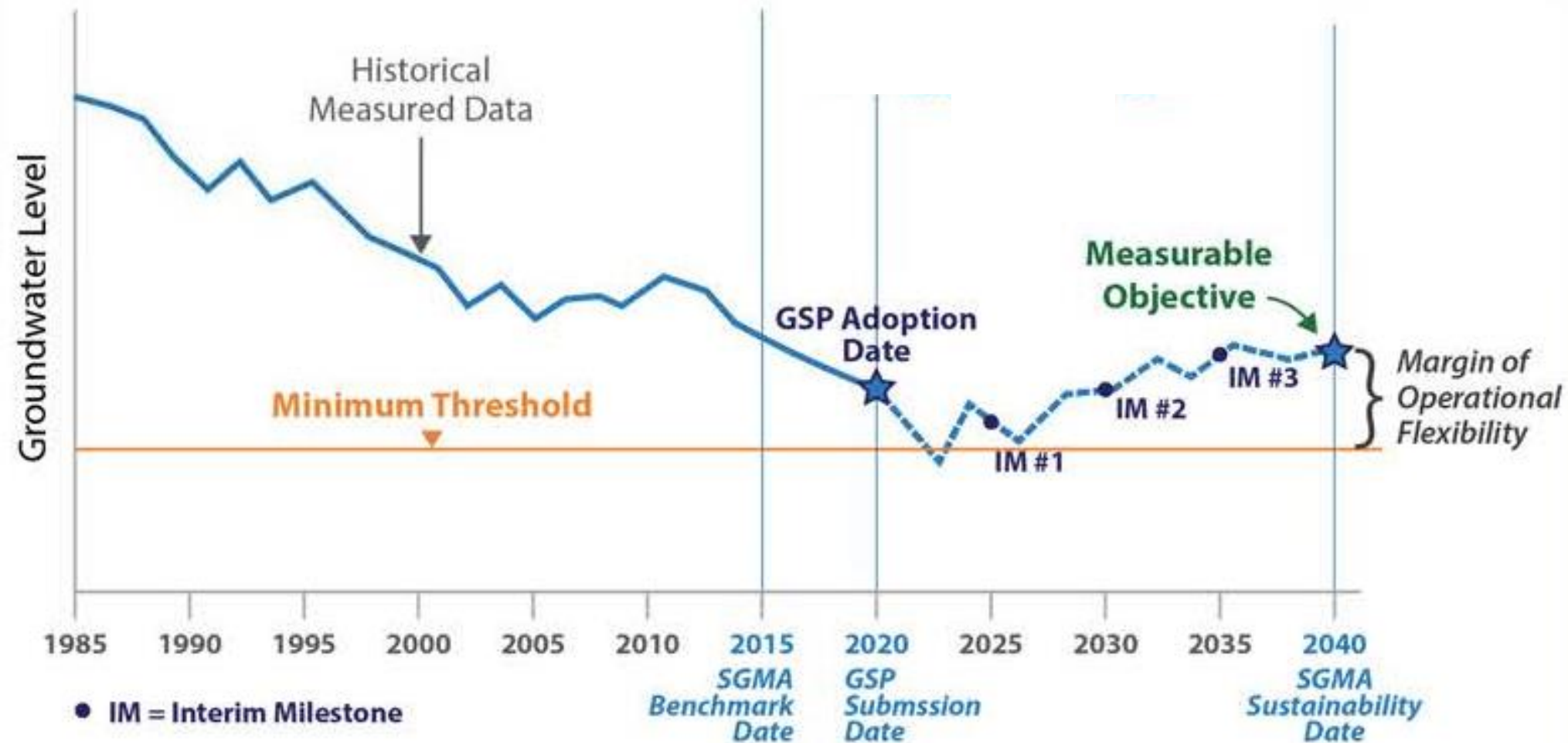
Residential



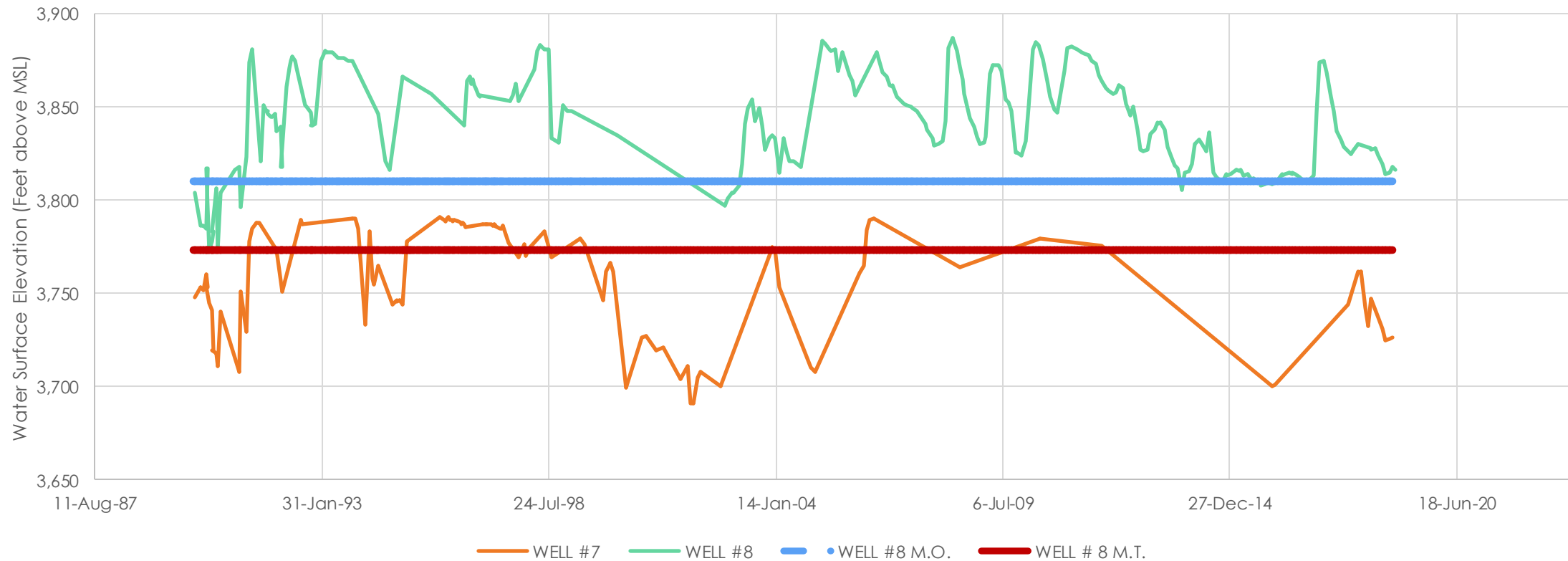
Commercial



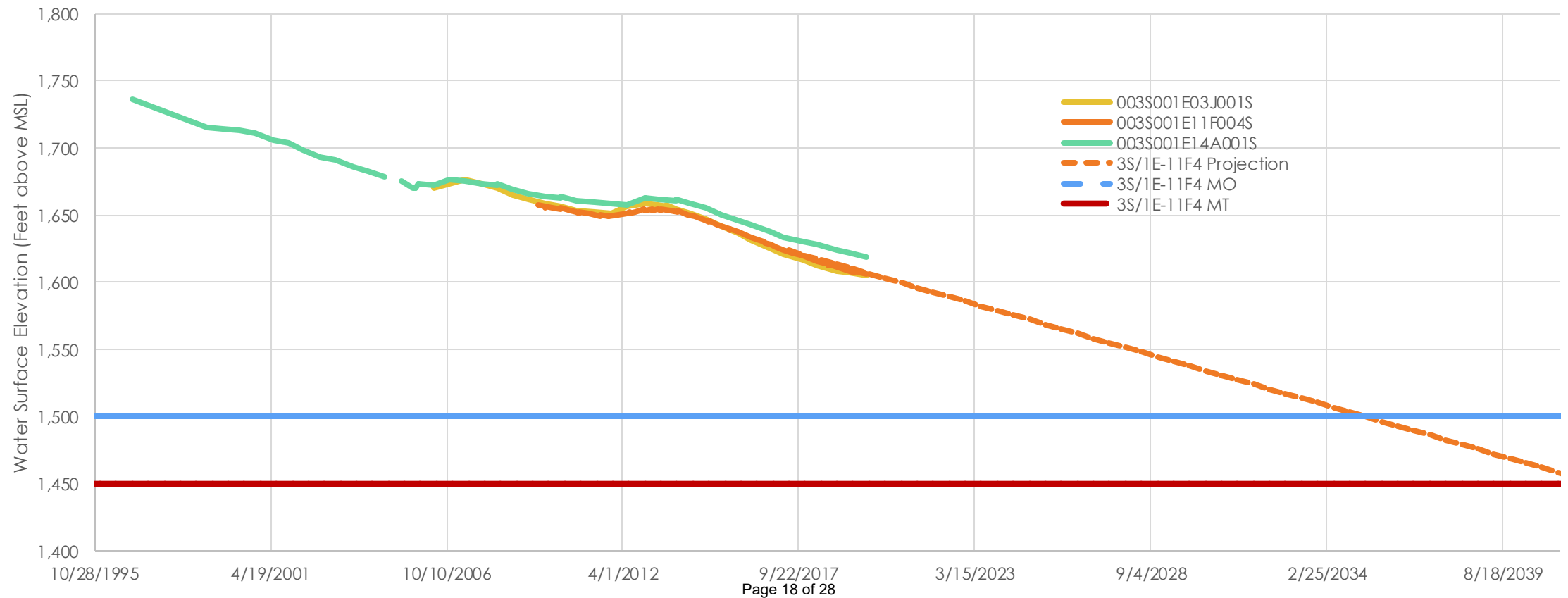
GDEs



Upper Banning Canyon Draft Sustainable Management Criteria



West Cabazon Subbasin Draft Sustainable Management Criteria



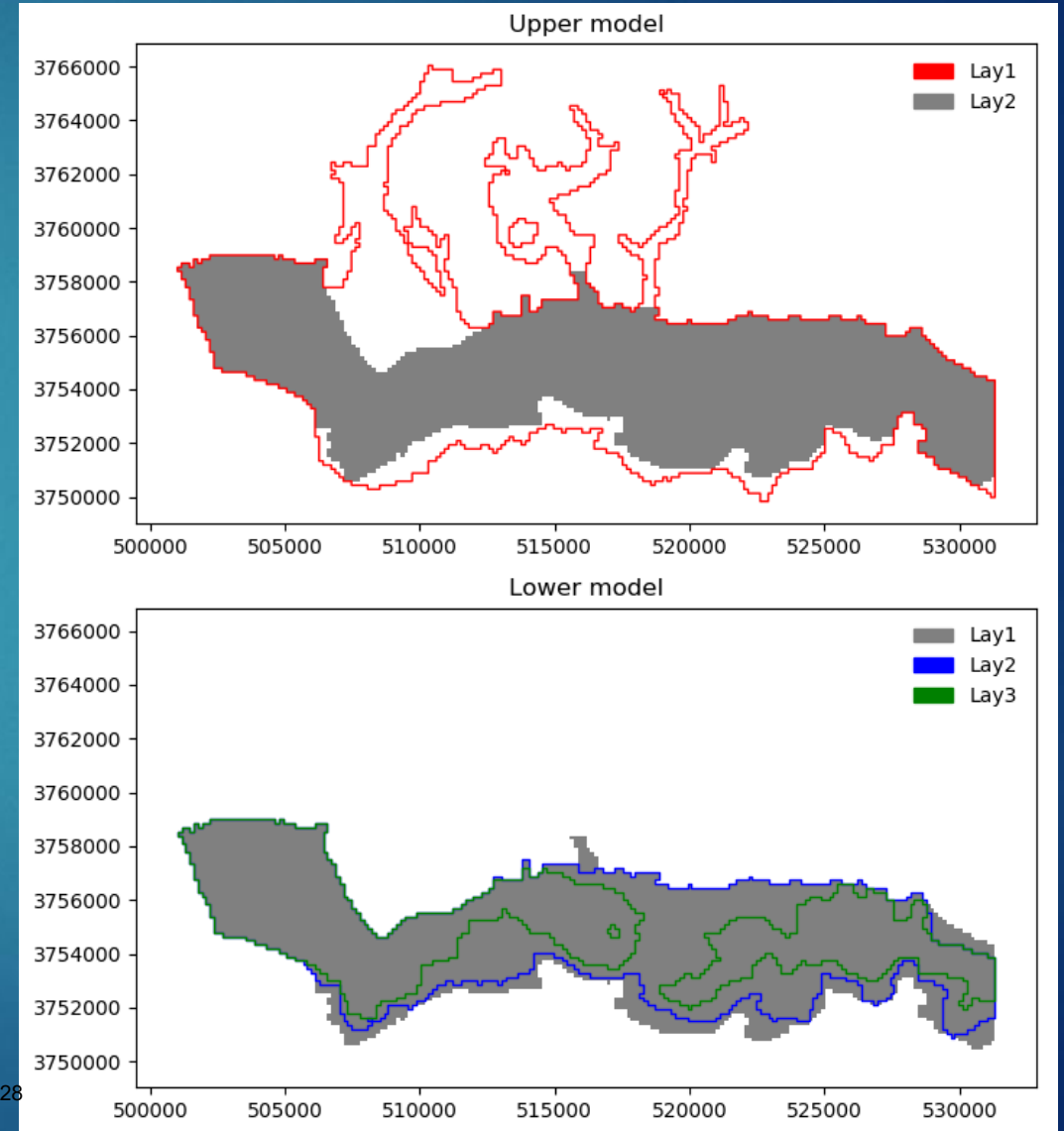
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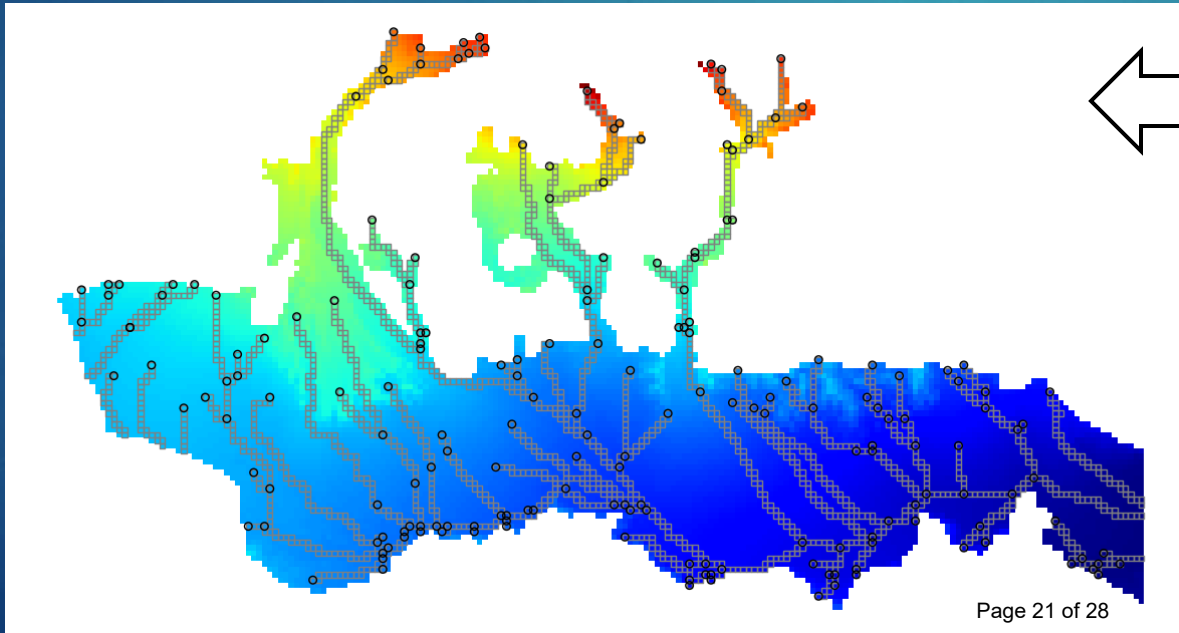
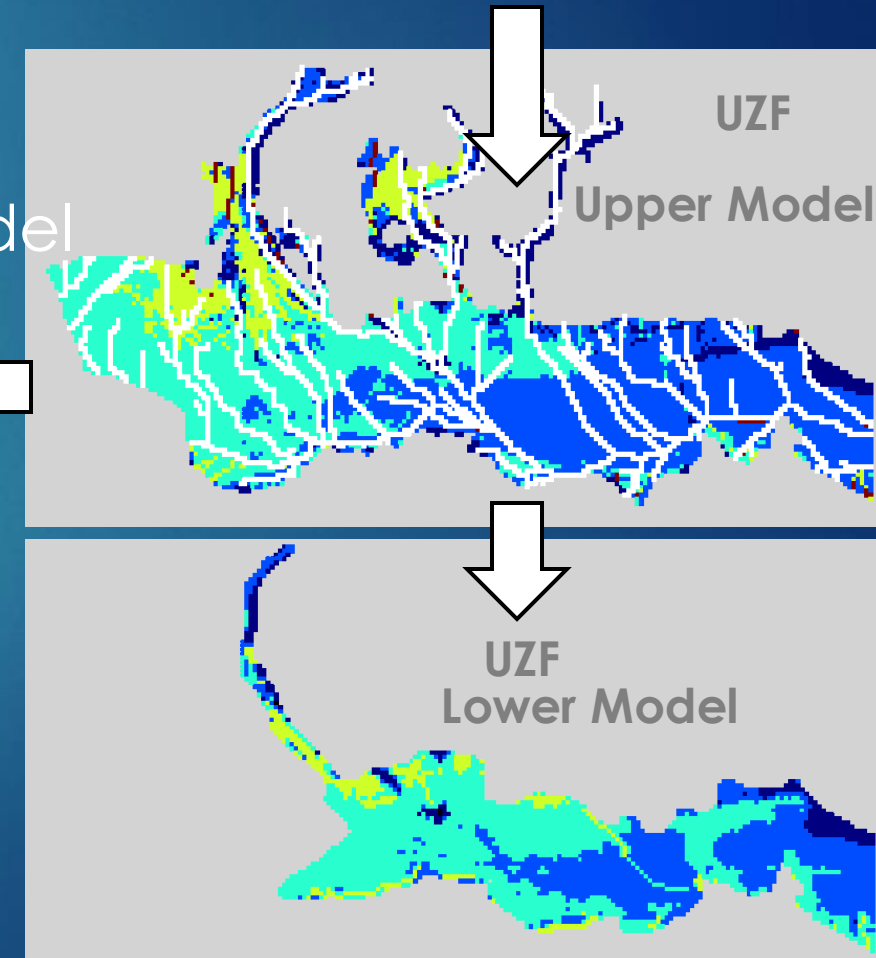
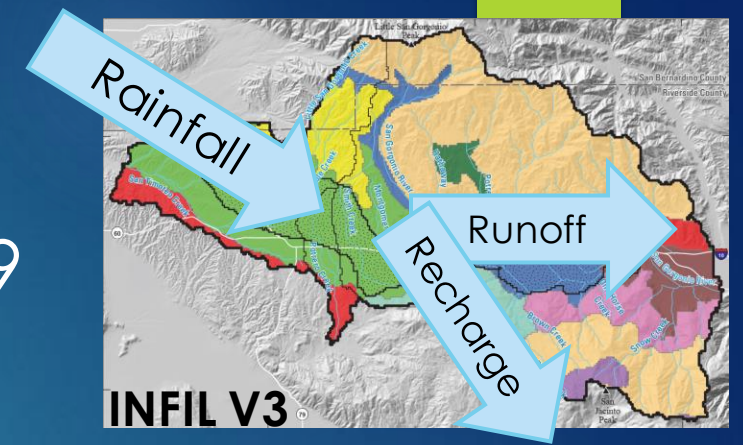
Spatial Expansion

- ▶ Upper Model Grid Expanded Area
- ▶ Lower Model Grid Expanded Area
- ▶ Model Inputs and Boundary Conditions
 - ▶ Post-process SGPWM streamflow output for Upper Model
 - ▶ Boundary Inflows from Beaumont Basin
 - ▶ Updated pumping data



Temporal Expansion

- ▶ Temporal Expansion: Jan, 1970 – Dec, 2019
- ▶ Natural Recharge:
 - ▶ San Geronio Pass Watershed Model (SGPWM), INFILv3 model
 - ▶ Runoff, Streamflow, Recharge for Upper Model



Next Steps

- ▶ Assess calibration of expanded area
 - ▶ Retain good calibration in Cabazon unit
- ▶ Working on developing 50-year predictive model using DWR climate change data-sets
 - ▶ Precipitation projections have been developed to run INFIL model
 - ▶ Working on other model inputs for future simulation
- ▶ Use extended/predictive model for SMCs, Project/MA evaluation, and other GSP purposes

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Groundwater Sustainability Plan for the San Geronio Pass Sub-Basin

Revised Project Schedule July 2020

TASKS	2019						2020												2021												2022	
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
1 Project Administration and Management																																
Contract Administration and Project Management																																
Quarterly Progress Reports																																
Final Summary Report																																
Project Kickoff & Scoping Meeting																																
Meetings (Monthly)																																
2 Develop a Data Management System																																
Meetings																																
Framework Report																																
Draft DMS																																
Final DMS																																
3 Prepare GSP Chapters																																
3.1 Basin Setting and Flow Modeling																																
Hydrogeologic Conceptual Model																																
Develop Groundwater Flow Model																																
Water Balance																																
3.2 Monitoring Network																																
3.3 Sustainability Goals and Indicators																																
3.4 Projects and Management Actions																																
3.5 Implementation Plan																																
3.6 Info																																
4 Financing Plan																																
5 Final GSP and Submittal																																
Administrative Draft GSP																																
Final Draft GSP																																
Final GSP and Submit Notice to DWR																																

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Next Steps

Upcoming:

SGP Working Group Meeting (January 28, 2021)

Action Items:

Schedule Next Stakeholder Advisory Group Meeting **(Now)**

Continue SMC development

Verify representative monitoring network

Finalize Contouring

Develop Water Budget

Develop Future Water Budget

Identify Potential Projects and Management Actions

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2021

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31						

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November						
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December						
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