

Notice and Agenda of a Workshop of the Yucaipa Sustainable Groundwater Management Agency

Wednesday, March 24, 2021 at 10:00 a.m.
(909) 797-2489 | www.yucaipasgma.org

Due to the spread of COVID-19 and in accordance with the Governor's Executive Order N-29-20, this meeting will be conducted by teleconference only. There will be no location available to attend this meeting in person.

**This meeting is available by calling
(888) 788-0099 using Meeting ID 895-6292-0203#**

**View the meeting online at
<https://sbvmwd.zoom.us/j/89562920203>**

- I. Call to Order**
- II. Roll Call**
- III. Public Comments** At this time, members of the public may address the representatives of the Yucaipa Groundwater Sustainability Agency on matters within its jurisdiction.
- IV. Review and Approval of Minutes**
 - A. January 27, 2021 - Board Meeting
 - B. February 24, 2021 - Board Meeting
- V. Discussion Items**
 - A. COVID-19 Update
 - B. Status Update on the Activities Related to the Preparation of the Groundwater Sustainability Plan
 - 1. Discussion of the Sustainability Criteria and Projected Conditions for the Western Heights, North Bench, Calimesa, and San Timoteo Management Areas
 - 2. Discussion of the Monitoring Well Network including Private Wells
 - 3. Discussion Regarding Updates to Groundwater Flow Model
 - 4. Discussion Regarding Regular Reporting of Pumping to GSA
 - C. Update status on Chapters 1, 2 and 3 of the Groundwater Sustainability Plan
 - 1. Discussion of Comments Received on Draft Chapter 1 and 2 of the Groundwater Sustainability Plan
 - 2. Discussion and Review of Draft Chapter 3
 - 3. Discussion Regarding Draft Chapter 4 Projects and Management Actions
 - D. Status Report on the SGMA Grant and Financial Status
 - E. Discussion Regarding the Scheduling of the First Public Meeting

VI. Topics for Future Meetings

- Discussion regarding potential projects to be included in the groundwater model and the Groundwater Sustainability Plan
- Discussion regarding the refinement of basin management areas
- Discussion regarding the development of sustainability criteria
- Review of comments from Draft Chapter 1 and Draft Chapter 2
- Discussion regarding the Groundwater Sustainability Plan implementation and alternative solutions to potential issues.

VII. Comments by Board of Directors

VIII. Announcements - Future Meetings

- A. Wednesday, April 28, 2021 at 10:00 am - **Board Meeting** - *Teleconference*
- B. Wednesday, May 26, 2021 at 10:00 am - *Workshop - Teleconference*
- C. Wednesday, June 23, 2021 at 10:00 am - *Workshop - Teleconference*
- D. Wednesday, July 28, 2021 at 10:00 am - **Board Meeting** - *Teleconference*

IX. Adjournment

Roll Call - Board of Directors

	Present	Primary Representative	Present	Alternative Representative
Purveyors				
South Mesa Water Company		David Armstrong		George Jorritsma
South Mountain Water Company		Bob Martin		Rolland Moore
Western Heights Water Company		Mark Iverson		Tim Green
Yucaipa Valley Water District		Joseph Zoba		Jennifer Ares
Municipals				
City of Redlands		Cecilia Griego		Kevin Watson
City of Yucaipa		Ray Casey		Fermin Preciado
Regionals				
San Bernardino Valley MWD		Bob Tincher		Matt Howard
San Gorgonio Pass Water Agency		Lance Eckhart		
* Quorum of the Board of Directors requires a total of five Purveyor, Municipal, Regional Members				
Stakeholders				
County of Riverside		Steve Horn		Jeff Johnson
County of San Bernardino		Bob Page		--
City of Calimesa		Bonnie Johnson		

Future Dates and Milestones

The dates provided below are subject to change.

Public Presentation of the Goals and Objectives of the Groundwater Sustainability Plan - Meeting Number 1

Distribution of the Administrative Draft of the Yucaipa SGMA Groundwater Sustainability Plan

Public Presentation of the Goals and Objectives of the Groundwater Sustainability Plan - Meeting Number 2

Final Groundwater Sustainability Plan Submitted to the Department of Water Resources for Review and Approval	June 30, 2021
--------------------------------------------------------------------------------------------------------------	---------------

Groundwater Sustainability Plan Legislative Deadline	January 31, 2022
------------------------------------------------------	------------------

MINUTES OF THE YUCAIPA SUSTAINABLE GROUNDWATER MANAGEMENT AGENCY

Board Meeting - January 27, 2021 - 10:00 a.m. - - Online Meeting - -

On March 4, 2020, Governor Gavin Newsom declared a State of Emergency resulting from the threat of COVID-19 and issued Executive Order N-25-20 (3-12-20) and Executive Order N-29-20 (3-17-20) which temporarily suspend portions of the Brown Act relative to conducting public meetings. Subsequent thereto, Governor Newsom issued Executive Order N-33-20 (3-19-20) ordering all individuals to stay at home or at their place of residence. Accordingly, it has been determined that all meetings of the Yucaipa Sustainable Groundwater Management Agency will be held via teleconference. There will be no public access to the meeting venue.

- I. Call to Order - Chairman Mark Iverson called the meeting to order at 10:00 a.m.
- II. Roll Call - The following representatives, as assigned by each Party, attended the meeting:

Purveyors	Present	Primary Representative	Present	Alternative Representative
South Mesa Water Company	✓	David Armstrong	✓	George Jorritsma
South Mountain Water Company	✓	Bob Martin	_____	Rolland Moore
Western Heights Water Company	✓	Mark Iverson	✓	Tim Green
Yucaipa Valley Water District	✓	Joseph Zoba	✓	Jennifer Ares
Municipals				
City of Redlands	✓	Cecilia Griego	_____	Kevin Watson
City of Yucaipa	_____	Ray Casey	✓	Fermin Preciado
Regionals				
San Bernardino Valley MWD	✓	Bob Tincher	✓	Matt Howard
San Gorgonio Pass Water Agency	✓	Lance Eckhart	_____	
Stakeholders				
County of Riverside	_____	Steve Horn	_____	Jeff Johnson
County of San Bernardino	_____	Bob Page	_____	
City of Calimesa	_____	Bonnie Johnson	_____	

A quorum of the Board of Directors was present to start the meeting.

In addition to the Board of Directors identified above, the following members of the public were registered as attending the meeting:

- Lonni Granlund - Yucaipa Valley Water District
- Derek Hoffman, Gresham Savage / South Mesa Water Company
- Mike Podegraz - Charles Abbot Associates / City of Yucaipa
- Steve Stuart - Dudek

III. Public Comments

None

IV. Review and Approval of Minutes

A. October 28, 2020 - Board Meeting Minutes

Bob Tincher moved to approve the board meeting minutes for October 28, 2020.

Dave Armstrong seconded the motion.

South Mesa Water Company	Yes
South Mountain Water Company	Absent
Western Heights Water Company	Yes
Yucaipa Valley Water District	Yes
City of Redlands	Yes
City of Yucaipa	Yes
San Bernardino Valley MWD	Yes
San Gorgonio Pass Water Agency	Absent

V. Discussion Items

A. Selection of Officers for the Yucaipa Sustainable Groundwater Management Agency

David Armstrong made a motion to retain the existing officers of the Yucaipa Sustainable Groundwater Management Agency:

- President - Mark Iverson, Western Heights Water Company
- Vice President - David Armstrong, South Mesa Water Company
- Secretary - Joseph Zoba, Yucaipa Valley Water District
- Treasurer - Bob Tincher, San Bernardino Valley Municipal Water District

Bob Tincher seconded the motion.

South Mesa Water Company	Yes
South Mountain Water Company	Yes
Western Heights Water Company	Yes
Yucaipa Valley Water District	Yes
City of Redlands	Yes
City of Yucaipa	Yes
San Bernardino Valley MWD	Yes
San Gorgonio Pass Water Agency	Absent

B. COVID-19 Update

Matt Howard provided information about the current status of COVID-19 and the need to continue to conduct online meetings until further notice.

C. Status Update on the Activities Related to the Preparation of the Groundwater Sustainability Plan

1. Consider Proposed Management Areas – Western Heights, North Bench, Calimesa and San Timoteo Management Areas

Steve Stuart reported on the geological structures, distribution of water supply wells, and groundwater dependent ecosystems. The Yucaipa Basin is considered to be a compartmentalized subbasin that will require individual sustainability criteria without causing undesirable results in other management areas and the overall Yucaipa Basin.

The four proposed management areas include: Calimesa Management Area; North Bench Management Area; San Timoteo Management Area; and Western Heights Management Area.

2. Status Report on Historical and Future Water Budgets

Steve Stuart reported on the historical and future water budgets that will rely upon the climate period of 1962 to 2012 to represent the anticipated climate for 2019 to 2069.

The estimated sustainable yield for the Yucaipa basin varied from 10,700 acre feet per year based on the recently completed USGS numerical model based on the individual hydrogeological subbasins:

Hydrogeological Subarea	USGS Numerical Model (AFY)
Triple Falls Creek	379
Crafton	182
Gateway	1,642
Wilson Creek	439
Calimesa	4,691
Western Heights	1,920
Oak Glen	762
Live Oak	684
Singleton	0
Total	10,700

3. Status Report on Estimated Sustainable Yield for Yucaipa Basin

Steve Stuart provided a detailed overview of the inflows and outflows for the management areas of the Yucaipa Basin. A projection was provided to show the future water budget for the period of 2015 to 2069.

The future climate scenarios illustrated a net decline of 20,700 acre feet (415 acre feet per year) using the 2030 climate change estimates and a net decline of 40,000 acre feet (800 acre feet per year) using the 2070 climate change estimates. The baseline decline is estimated at 7,400 acre feet (150 acre feet per year) through 2070.

4. Status Report on Submitted Projects

The City of Yucaipa submitted several stormwater related projects that are expected to provide up to 5,900 acre feet per year.

D. Discussion of Draft Chapters 1 and 2 of the Groundwater Sustainability Plan

Chapter 2 of the Groundwater Sustainability Plan was distributed on January 22, 2021.

Chapter 3 of the Groundwater Sustainability Plan is scheduled to be distributed on February 26, 2021.

E. Status Report on the SGMA Grant, Financial Status and Grant Opportunities

Steve Stuart and Matt Howard provided an overview of the funding opportunities and the GSP Road Map showing the steps to complete the Groundwater Sustainability Plan.

F. Discussion Regarding the Scheduling of the First Public Meeting

The board members discussed the possibility of moving the First Public Meeting to March 2021.

VI. Topics for Future Meetings - Suggested meeting dates are provided below and will be adjusted based on the progress of each topic.

- Discussion regarding the approval of management areas in the Yucaipa Basin.
- Discussion regarding groundwater dependent ecosystems
- Discussion regarding potential projects to be included in the groundwater model and the Groundwater Sustainability Plan
- Discussion regarding the refinement of basin management areas
- Discussion regarding the development of sustainability criteria

VII. Comments by the Board of Directors

None

VIII. Announcements

The next scheduled meeting for the Yucaipa Sustainable Groundwater Management Agency will be a workshop on Wednesday, February 24, 2021 at 10:00 a.m. by teleconference.

IX. Adjournment - The meeting was adjourned at 11:54 a.m.

MINUTES OF THE YUCAIPA SUSTAINABLE GROUNDWATER MANAGEMENT AGENCY

Workshop - February 24, 2021 - 10:00 a.m. - - Online Meeting - -

On March 4, 2020, Governor Gavin Newsom declared a State of Emergency resulting from the threat of COVID-19 and issued Executive Order N-25-20 (3-12-20) and Executive Order N-29-20 (3-17-20) which temporarily suspend portions of the Brown Act relative to conducting public meetings. Subsequent thereto, Governor Newsom issued Executive Order N-33-20 (3-19- 20) ordering all individuals to stay at home or at their place of residence. Accordingly, it has been determined that all meetings of the Yucaipa Sustainable Groundwater Management Agency will be held via teleconference. There will be no public access to the meeting venue.

- I. Call to Order - Chairman Mark Iverson called the meeting to order at 10:00 a.m.
- II. Roll Call - The following representatives, as assigned by each Party, attended the meeting:

Purveyors	Present	Primary Representative	Present	Alternative Representative
South Mesa Water Company	✓	David Armstrong	✓	George Jorritsma
South Mountain Water Company		Bob Martin		Rolland Moore
Western Heights Water Company	✓	Mark Iverson	✓	Tim Green
Yucaipa Valley Water District	✓	Joseph Zoba	✓	Jennifer Ares
Municipals				
City of Redlands	✓	Cecilia Griego	✓	Kevin Watson
City of Yucaipa		Ray Casey	✓	Fermin Preciado
Regionals				
San Bernardino Valley MWD		Bob Tincher	✓	Matt Howard
San Gorgonio Pass Water Agency		Lance Eckhart		
Stakeholders				
County of Riverside		Steve Horn		Jeff Johnson
County of San Bernardino		Bob Page		
City of Calimesa		Bonnie Johnson		

A quorum of the Board of Directors was present to start the meeting.

In addition to the Board of Directors identified above, the following members of the public were registered as attending the meeting:

- Madeline Blua - Yucaipa Valley Water District
- Derek Hoffman, Gresham Savage / South Mesa Water Company
- Joyce McIntire - Yucaipa Valley Water District
- Adekunle Ojo - San Bernardino Valley Municipal Water District

- Mike Podegraz - Charles Abbot Associates / City of Yucaipa
- Larry Smith - San Gorgonio Pass Water Agency
- Steve Stuart - Dudek
- Mike Weil - Department of Water Resources

III. Public Comments

None

IV. Review and Approval of Minutes

A. January 27, 2021 - Board Meeting Minutes

David Armstrong will provide written suggested changes to the meeting minutes that can be considered at the next meeting.

V. Discussion Items

A. COVID-19 Update

Matt Howard provided information about the current status of COVID-19 and the need to continue to conduct online meetings until further notice.

The first public meeting will likely be via teleconference.

B. Presentation - Update on the Yucaipa Basin Data Management System

Steve Stuart provided an update on the Yucaipa Basin Data Management System. The new Data Management System provides an integrated view of regional supply wells and other data to provide the latest information for groundwater management.

Individual meetings will be scheduled with each entity to review their data to make sure the information is accurate and complete, and to test the functionality of the DMS interface.

C. Status Update on the Activities Related to the Preparation of the Groundwater Sustainability Plan

Steve Stuart provided an overview of the sustainable management criteria which includes: (1) a sustainability goal; (2) undesirable results; (3) minimum thresholds; and (4) measurable objectives.

The six sustainability indicators that will be studied include:

- Chronic Lowering of Groundwater Elevations - This indicator will be studied for the Groundwater Sustainability Plan.
- Reduction of Groundwater in Storage - This indicator will be studied for the Groundwater Sustainability Plan.

- Interconnected Surface Water and Groundwater - This indicator will be studied for the Groundwater Sustainability Plan.
- Degradation in Groundwater Quality - Does not necessarily apply to the Yucaipa Basin.
- Land Subsidence - Does not necessarily apply to the Yucaipa Basin.
- Seawater Intrusion - Does not necessarily apply to the Yucaipa Basin.

1. Discussion of the Sustainability Criteria for the Western Heights, North Bench, Calimesa, and San Timoteo Management Areas

Steve Stuart described the Western Heights Management Area and the six indicator wells operated by Western Heights Mutual Water Company. The sustainable yield for the management area has been calculated to be 1,920 acre feet per year. Preliminary groundwater elevations representing a measurable objective (1,524' NAVD88) and minimum threshold (1,382' NAVD88) have been calculated for the management area.

Steve Stuart described the North Bench Management Area and the seven indicator wells operated by Yucaipa Valley Water District. The sustainable yield for the management area has been calculated to be 3,405 acre feet per year. Preliminary groundwater elevations representing a measurable objective (2,181' NAVD88) and minimum threshold (2,071' NAVD88) have been calculated for the management area.

Steve Stuart described the Calimesa Management Area and the nine indicator wells operated by South Mesa Mutual Water Company and Yucaipa Valley Water District. This management area also includes wells operated by South Mountain Water Company. The sustainable yield for the management area has been calculated to be 4,691 acre feet per year. Preliminary groundwater elevations representing a measurable objective (2,050' NAVD88) and minimum threshold (1,960' NAVD88) have been calculated for the management area.

Steve Stuart described the San Timoteo Management Area and the groundwater dependent ecosystems in the area. There are no municipal supply wells in this area. The groundwater elevation to support the habitat is measured by wells installed by Yucaipa Valley Water District.

D. Discussion of Draft Chapters 1, 2 and 3 of the Groundwater Sustainability Plan

Draft Chapter 1 and Chapter 2 have been distributed for preliminary review. Chapter 3 will be distributed during the first week of March.

Matt Howard stated that comments received on the preliminary draft will be reviewed and summarized for the Board to review and consider at a future meeting.

E. Status Report on the SGMA Grant and Financial Status

Matt Howard stated that the 8th Quarterly Report for the grant was submitted to the Department of Water Resources.

F. Discussion Regarding the Scheduling of the First Public Meeting

The first public meeting will be scheduled after there was an opportunity to review the remaining chapters and comments received by the water purveyors. It is likely that the public meeting will be held in April 2021.

VI. Topics for Future Meetings - Suggested meeting dates are provided below and will be adjusted based on the progress of each topic.

- Discussion regarding potential projects to be included in the groundwater model and the Groundwater Sustainability Plan.
- Discussion regarding the refinement of basin management areas.
- Discussion regarding the development of sustainability criteria.
- Review of comments from Chapter 1 and Chapter 2.
- Discussion regarding the Groundwater Sustainability Plan implementation and alternative solutions to potential issues.

VII. Comments by the Board of Directors

None

VIII. Announcements

The next scheduled meeting for the Yucaipa Sustainable Groundwater Management Agency will be a workshop on Wednesday, March 24, 2021 at 10:00 a.m. by teleconference.

IX. Adjournment - The meeting was adjourned at 11:20 am.

DRAFT – SUBJECT TO REVISION

Yucaipa-SGMA

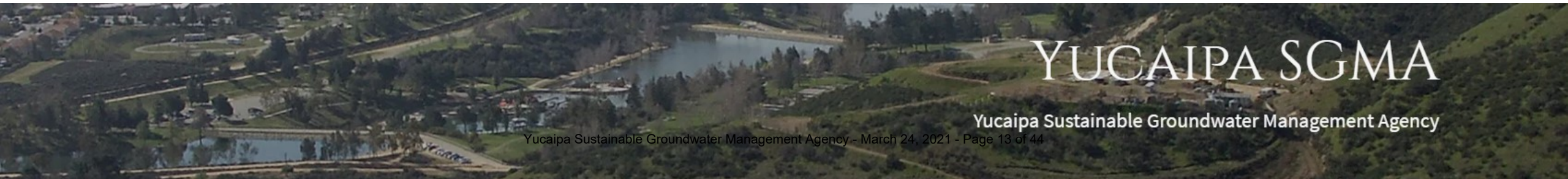
Groundwater Sustainability Plan (GSP)

Development

Yucaipa GSA Workshop
March 24, 2021

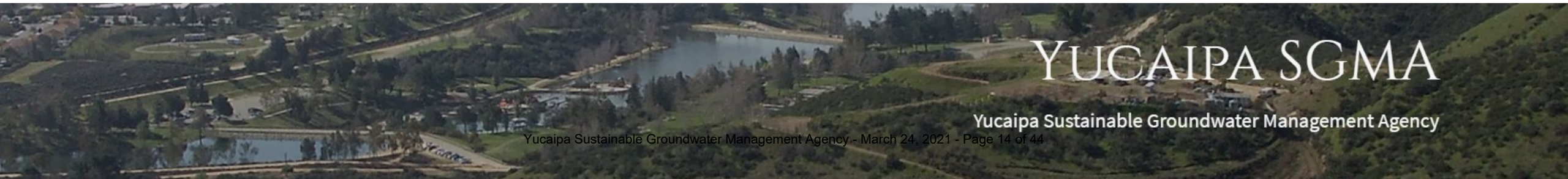
Presentation Outline

- COVID-19 Update
- Status on Preparation of GSP
 - Proposed Sustainability Criteria & Projected Conditions
 - Monitoring Network
 - Discussion on Groundwater Flow Model/Pumping Data
- Preliminary Draft – Chapter 3 (Mar. 31, 2021)
 - Responses to Comments on Draft GSP Chapters
 - Discussion on Projects and Management Actions (Chp. 4)
- Update on Financial Status
- Discuss 1st Public Meeting – Tentative April 2021



COVID-19 Update

- DWR released statement on 4/13/20
 - Essential Work Continues
- DWR to assist with public participation
 - Executive Order N-29-20 (March 17, 2020) suspends requirement for public location of meetings – still in effect
 - Use multiple channels to notify community of remote options for public meetings
 - Live participation in meetings via telephone and online tools
 - Extend public comment periods



Sustainable Management Criteria

1. Sustainability Goal

Overriding statement on preventing undesirable results within the 20-year implementation period

2. Undesirable Results

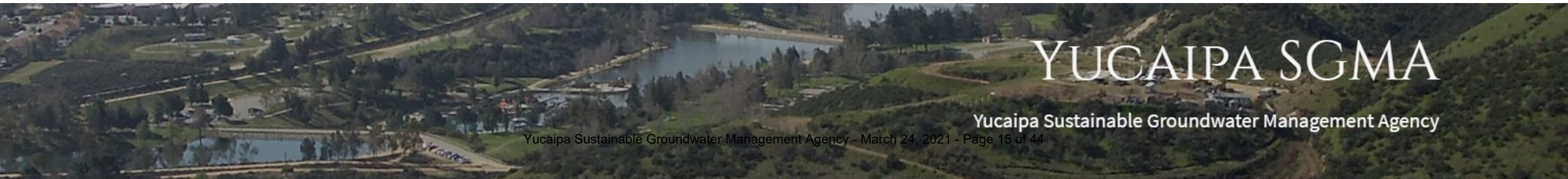
Conditions in Management Areas that cause an undesirable result

3. Minimum Thresholds

Point when undesirable condition occurs

4. Measurable Objectives

- a) Milestones marking progress in achieving the sustainability goal
- b) Provide operational flexibility



YUCAIPA SGMA

Yucaipa Sustainable Groundwater Management Agency

Proposed Approach to Develop Sustainability Criteria

- **Management Areas**

- Current Pumping
- Well Construction
- Historical and Current Groundwater Levels

- **Undesirable Result**

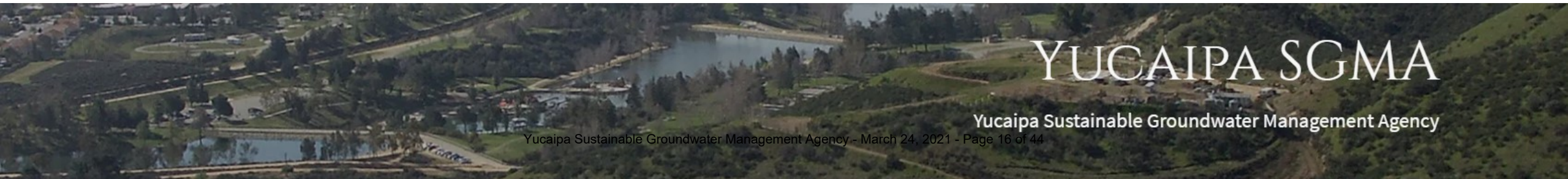
- Decline in Storage that Significantly Reduces Well Field Production

- **Minimum Threshold**

- **>70% Decline in Existing Well Field Production**

- **Measurable Objectives**

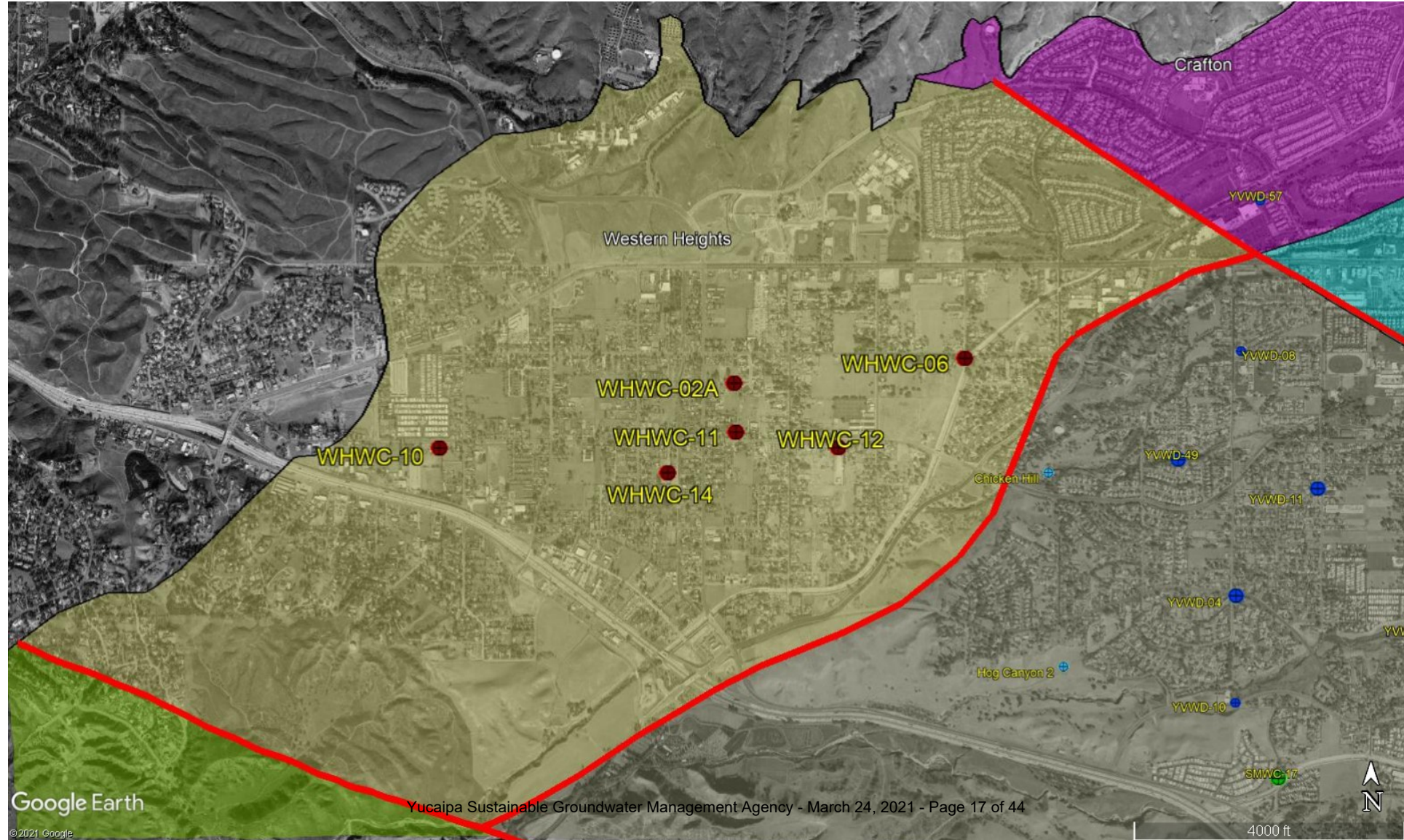
- **#1 – Historical Low GWL (Operational Reserves)**
- **#2 - 10%-40% Decline in Well Field Production (Implement Actions)**



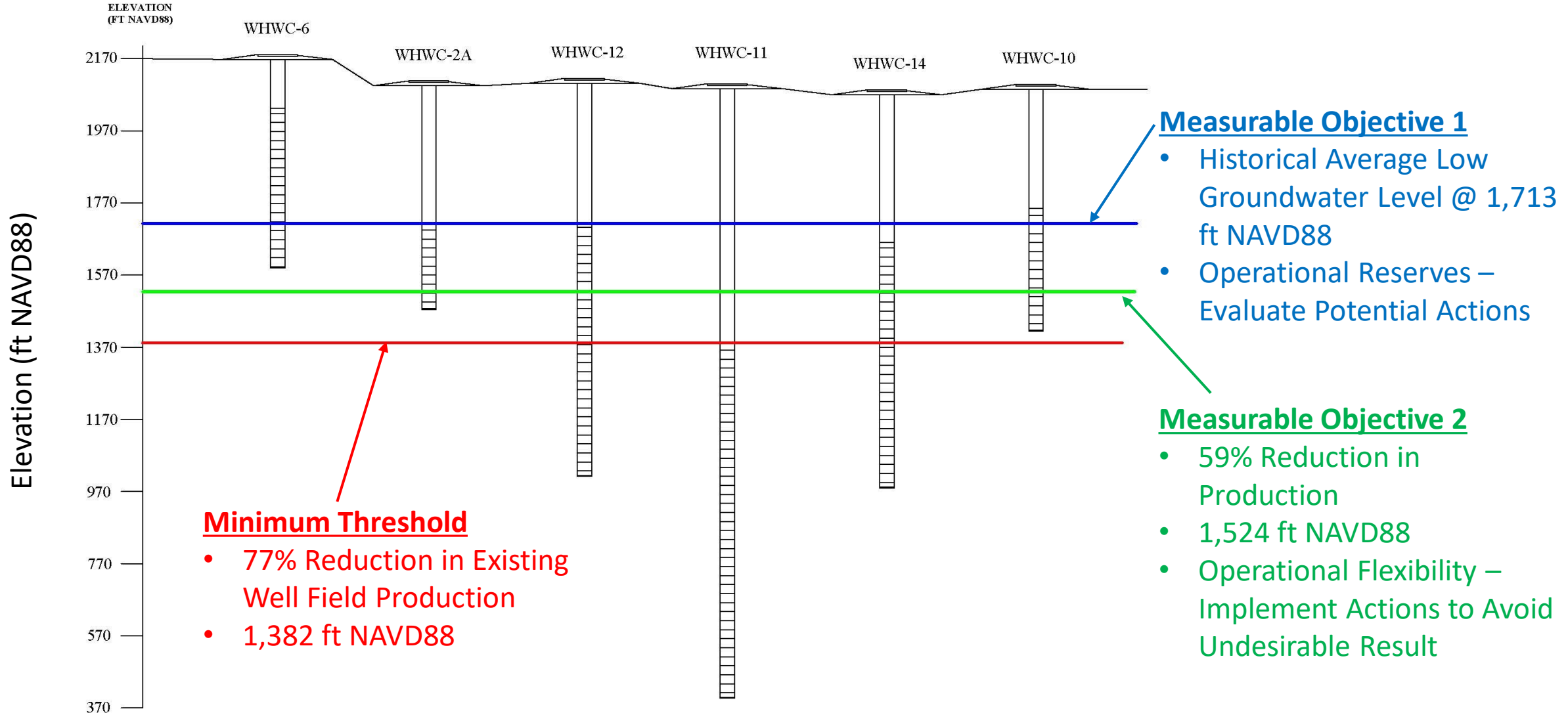
YUCAIPA SGMA

Yucaipa Sustainable Groundwater Management Agency

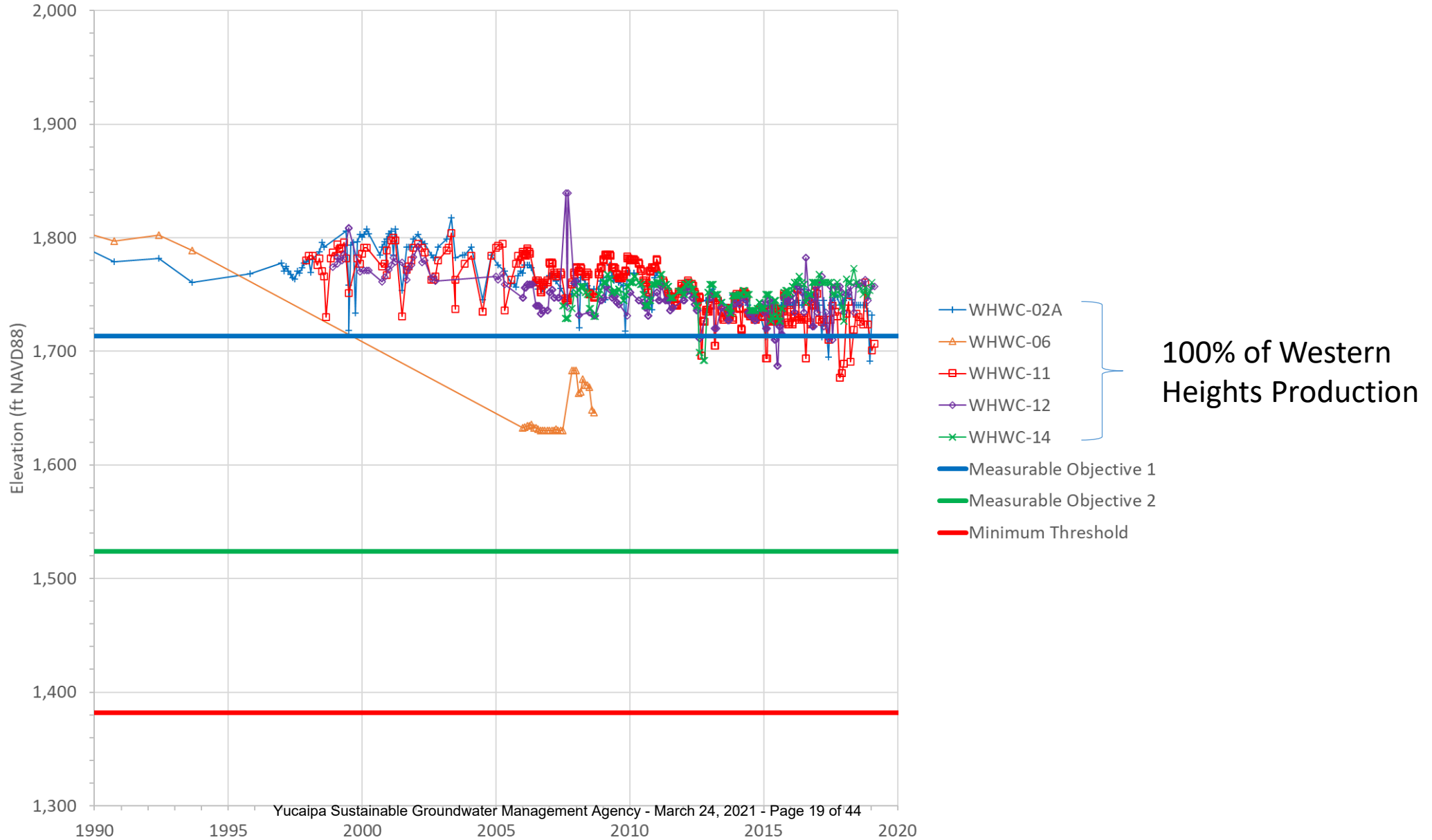
Wells Used to Develop Western Heights Management Area Sustainability Criteria



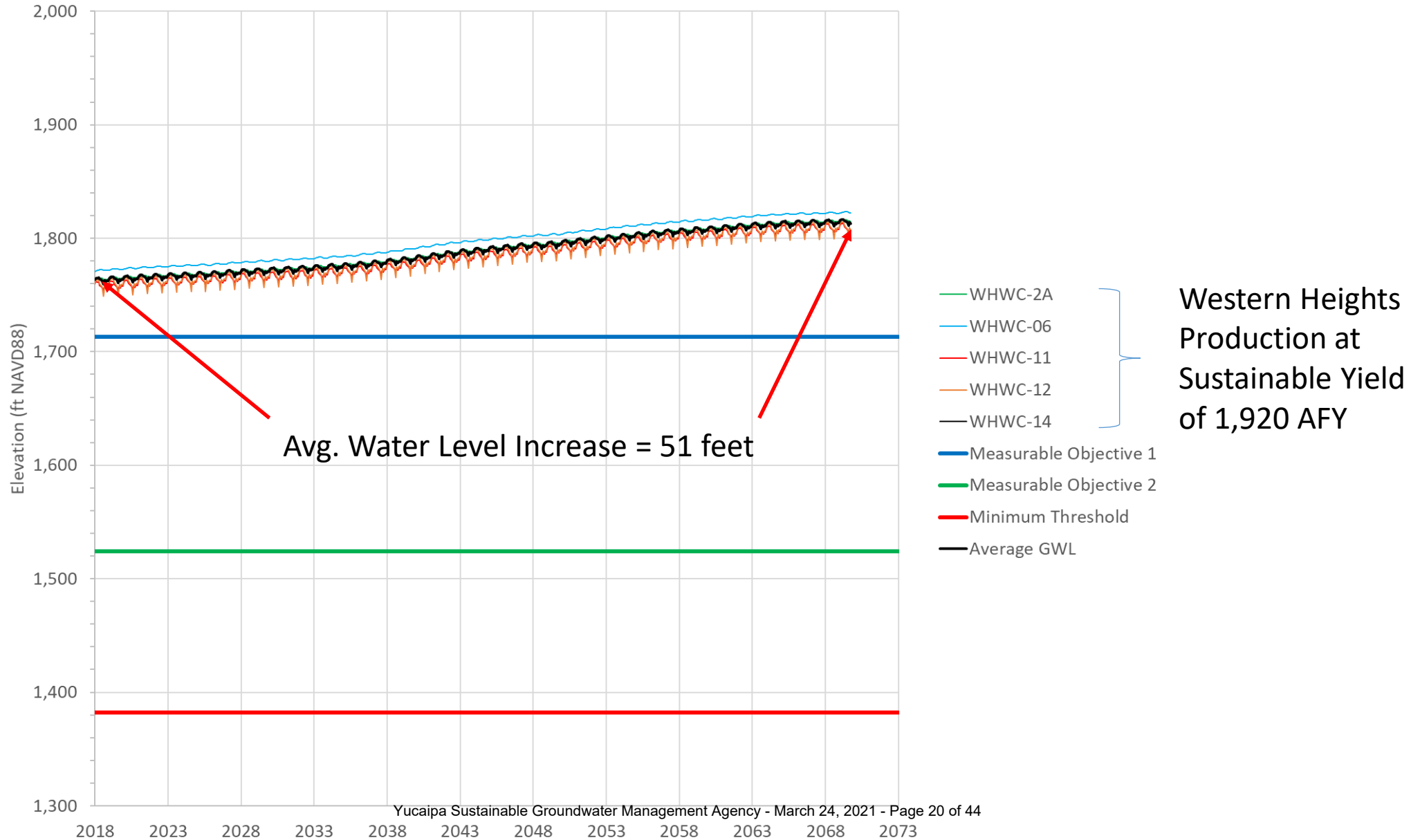
Western Heights Management Area – Sustainability Criteria



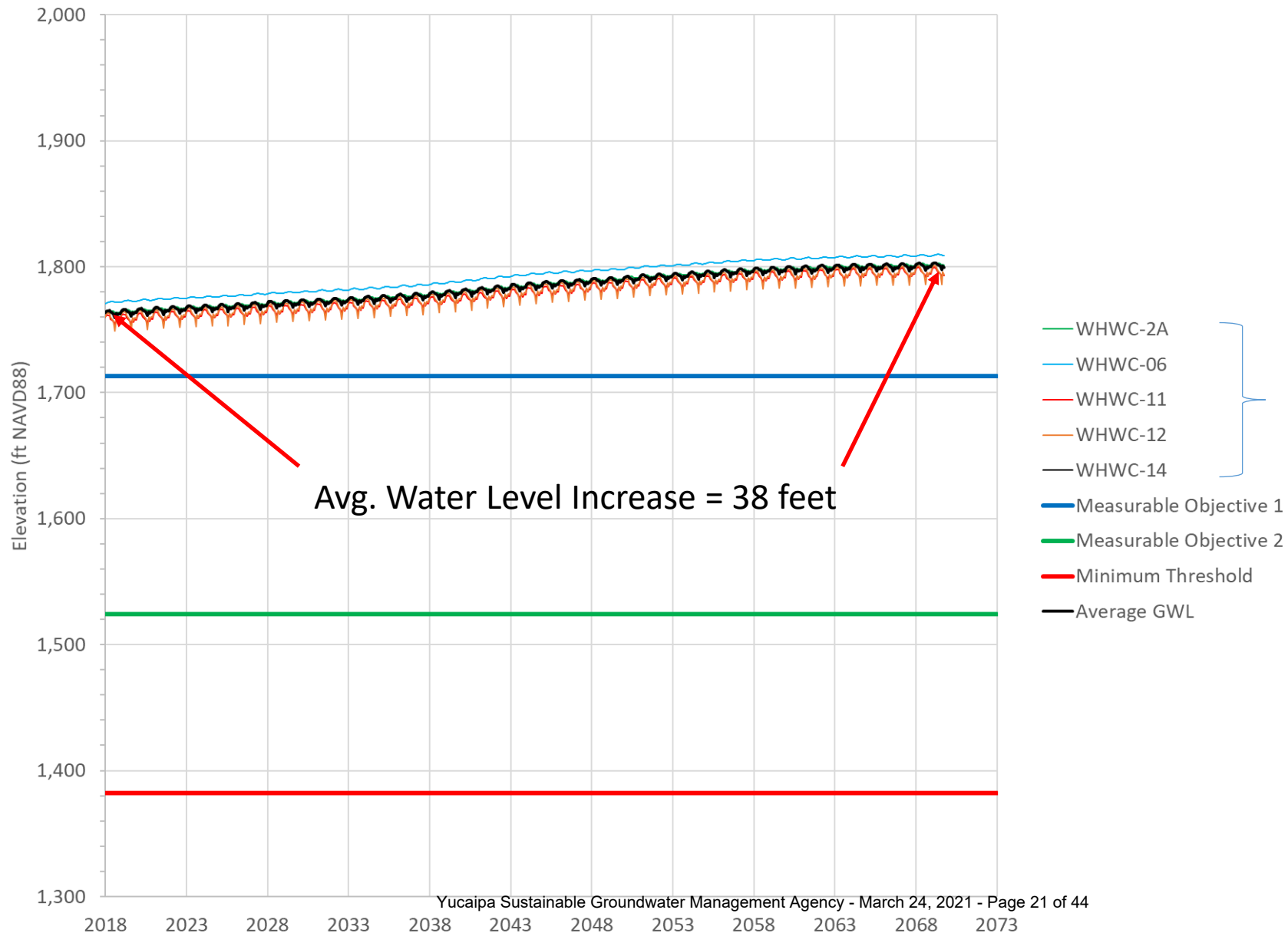
Western Heights Management Area – Historical Levels



Western Heights Management Area – Simulated Future Baseline

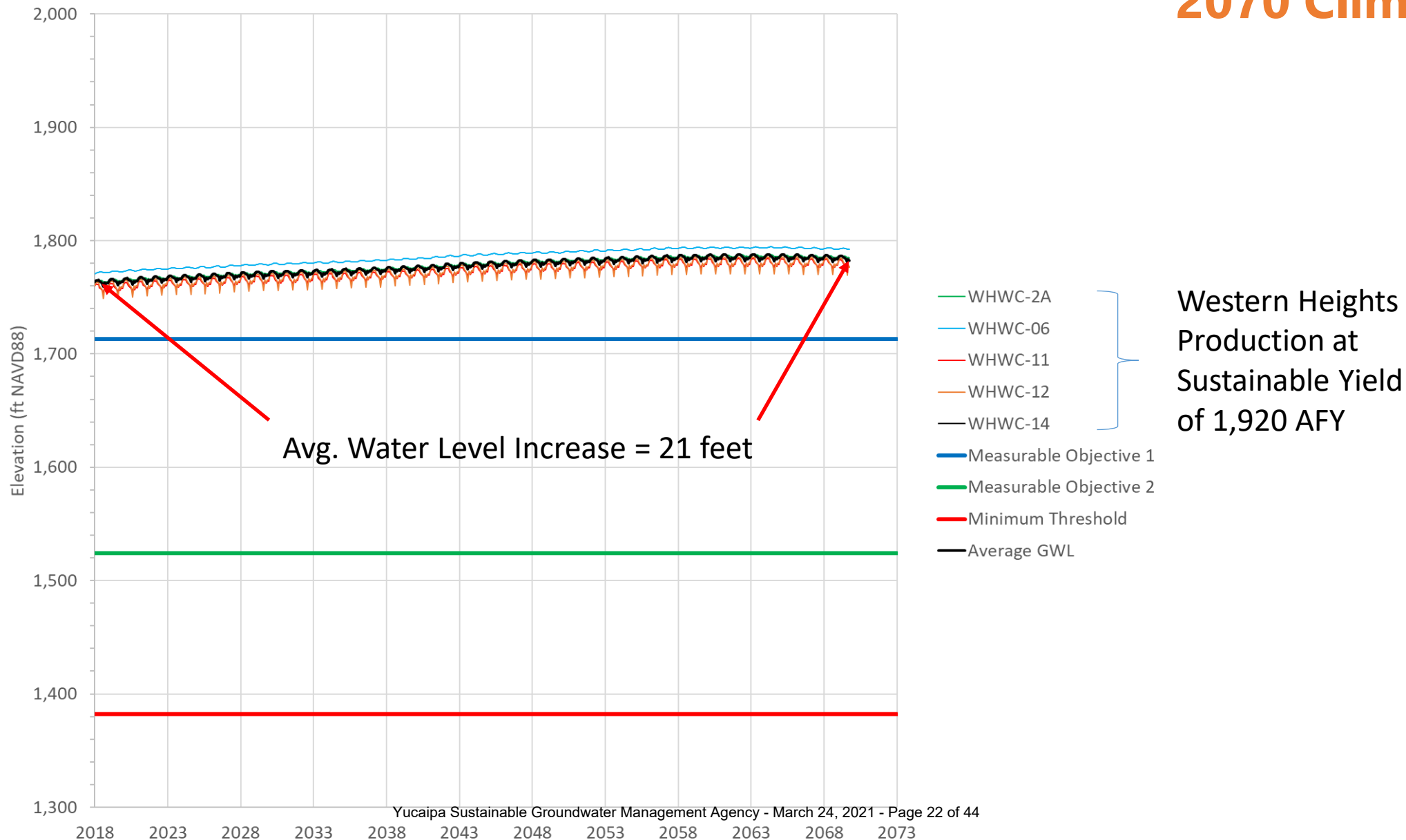


Western Heights Management Area – Simulated Future Baseline w/ 2030 Climate

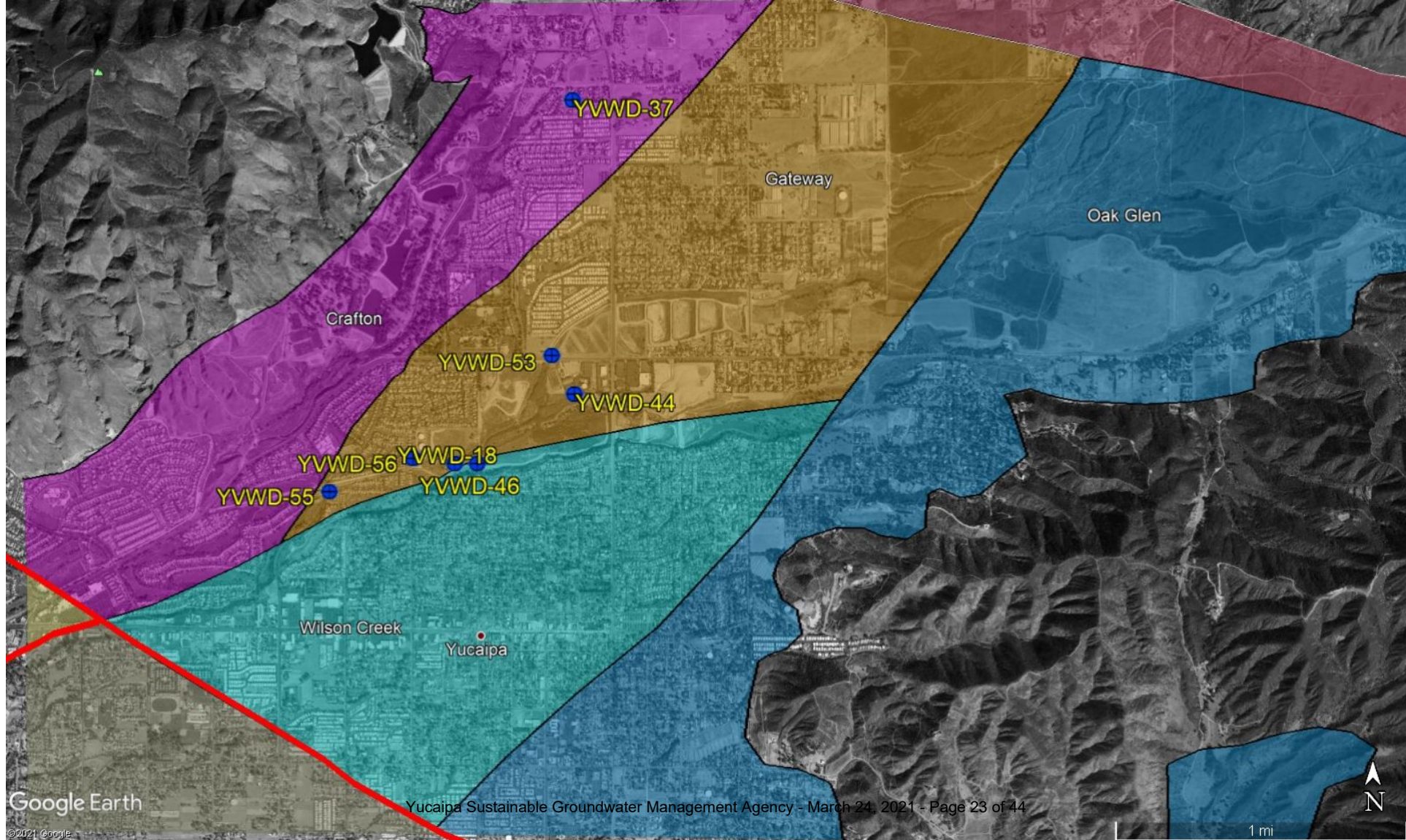


Western Heights
Production at
Sustainable Yield
of 1,920 AFY

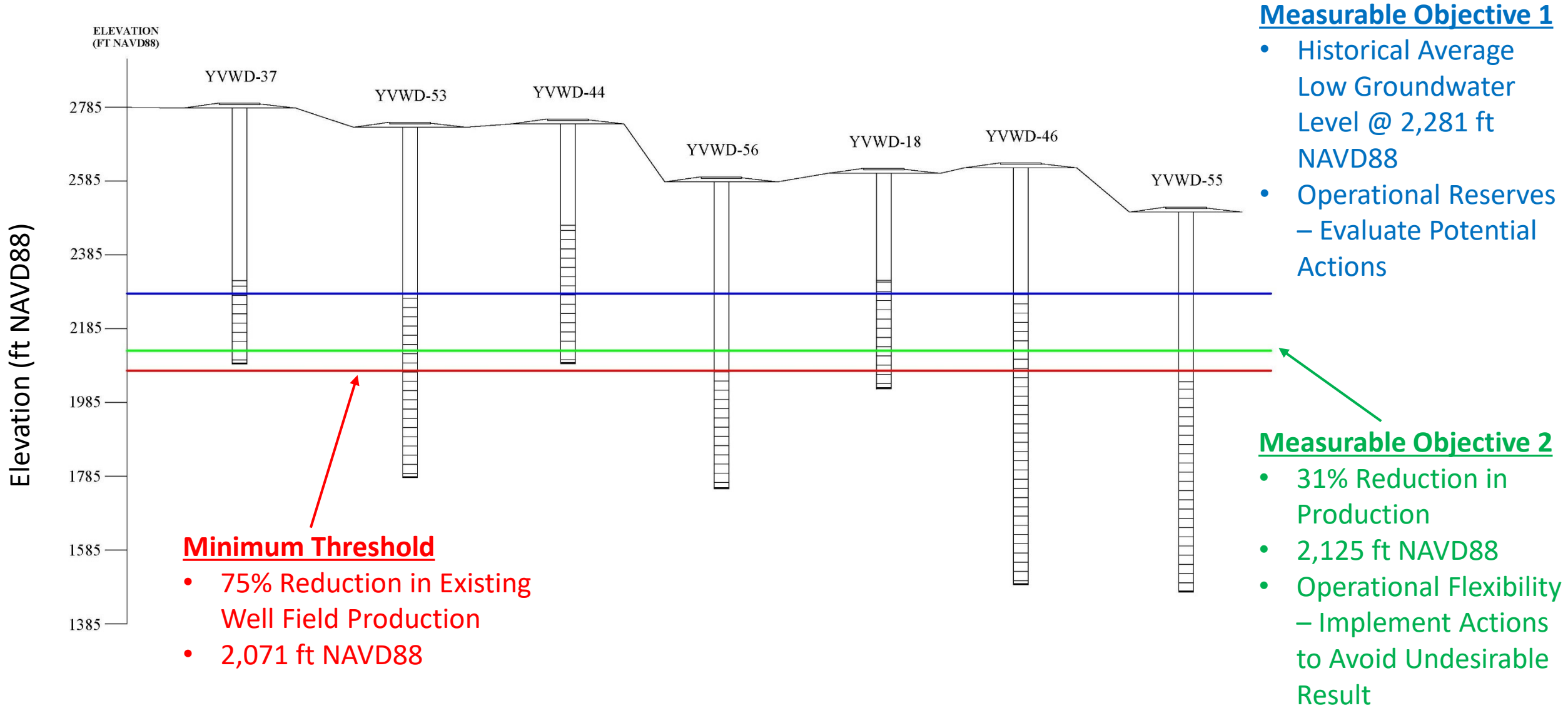
Western Heights Management Area – Simulated Future Baseline w/ 2070 Climate



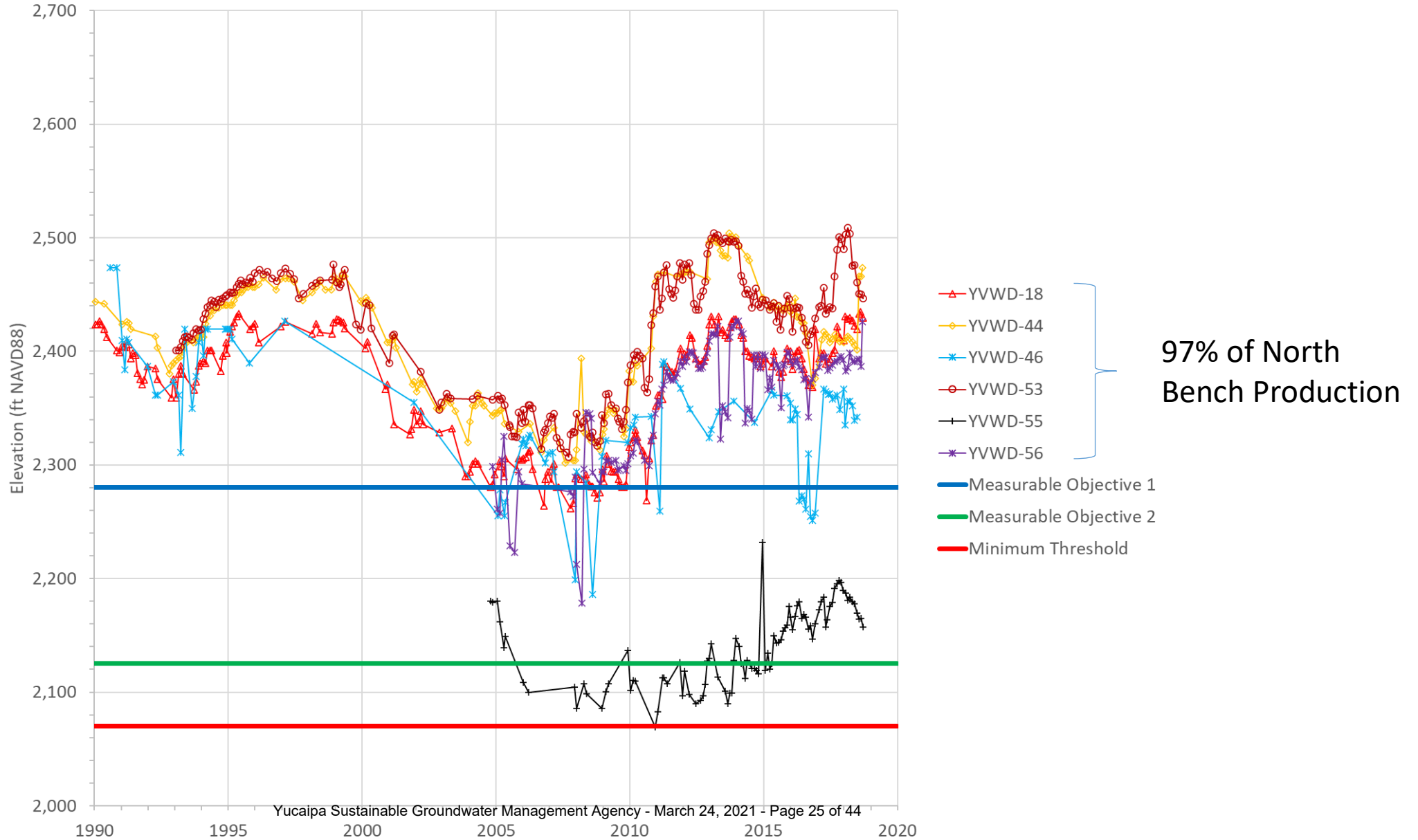
Wells Used to Develop North Bench Management Area Sustainability Criteria



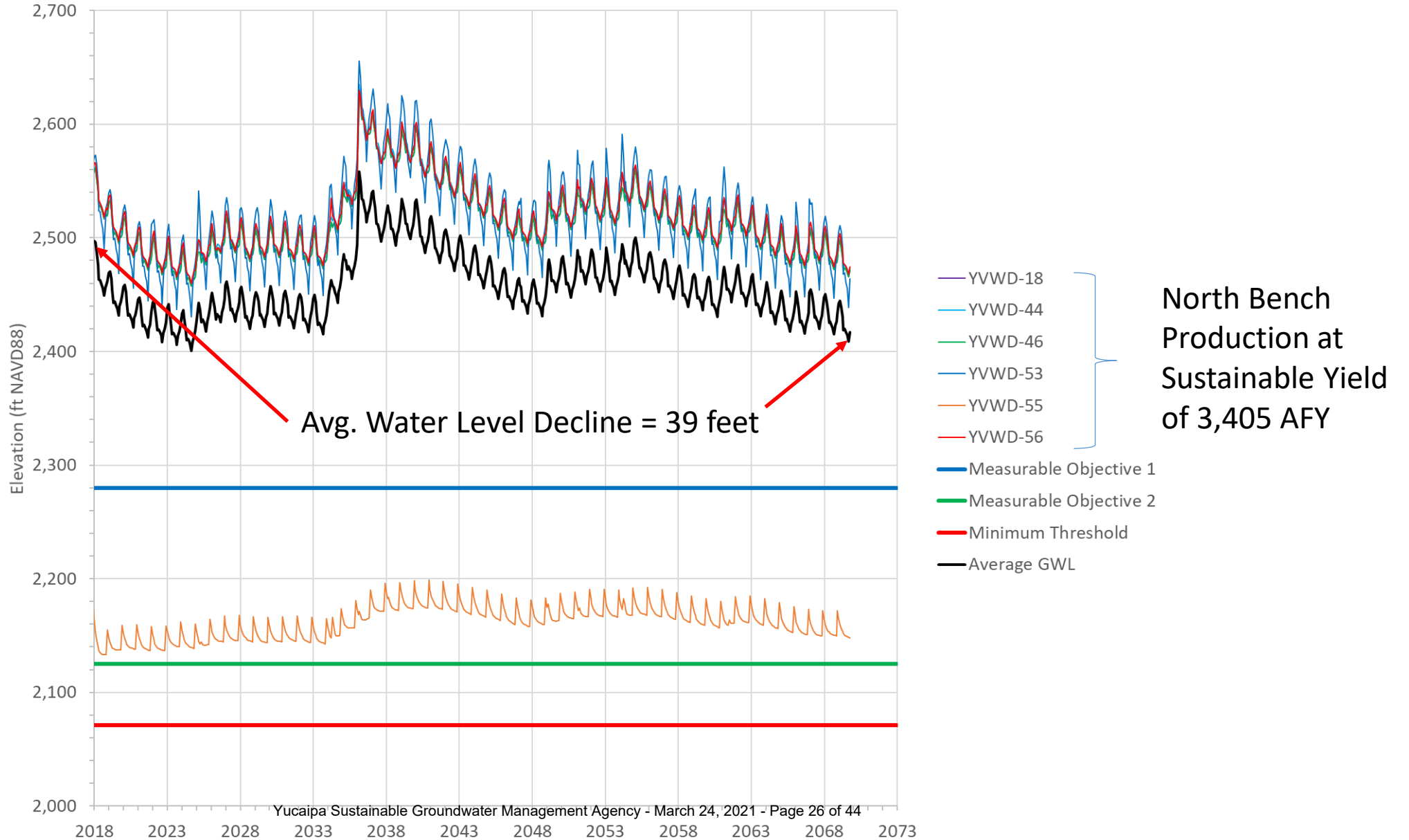
North Bench Management Area – Sustainability Criteria



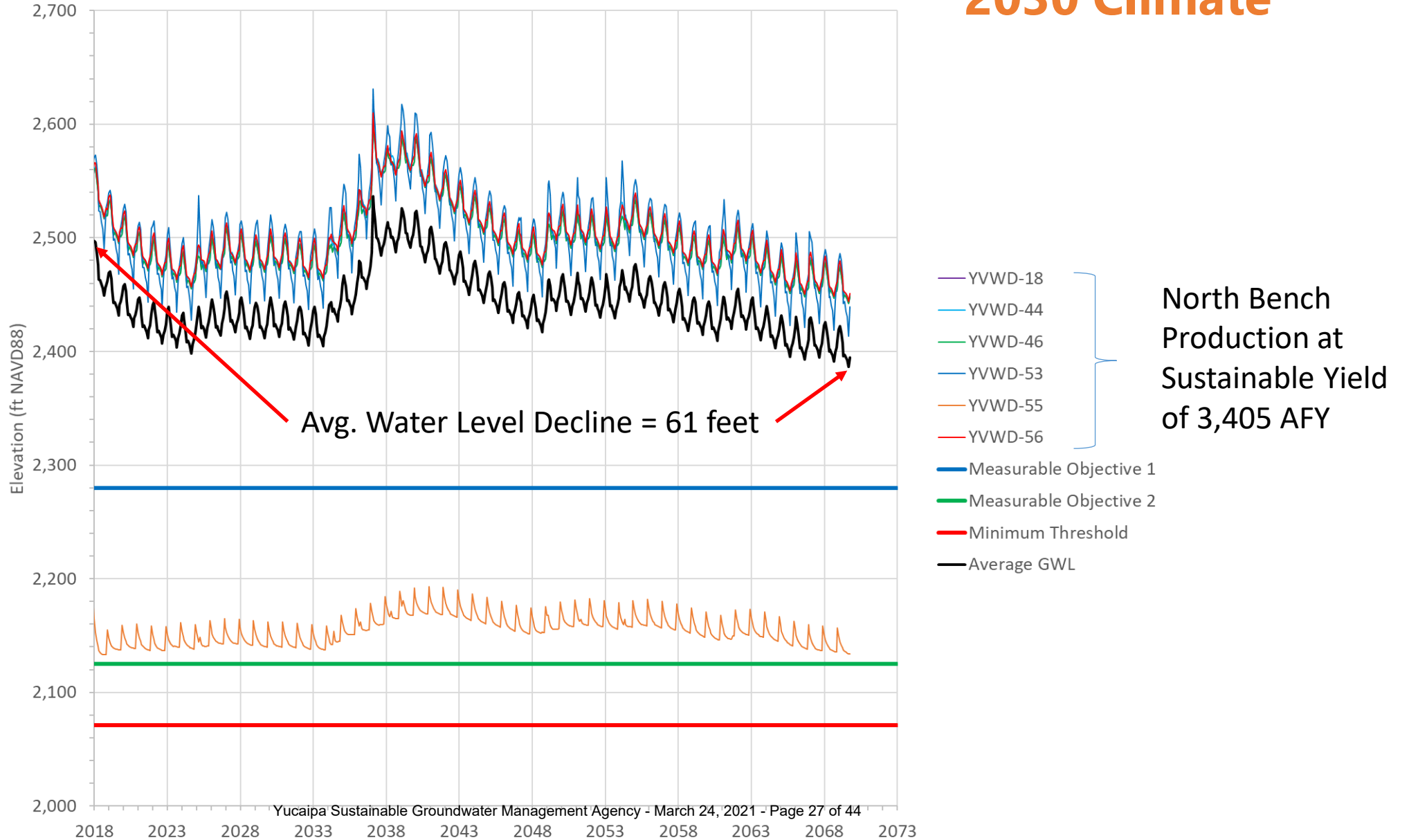
North Bench Management Area – Historical Levels



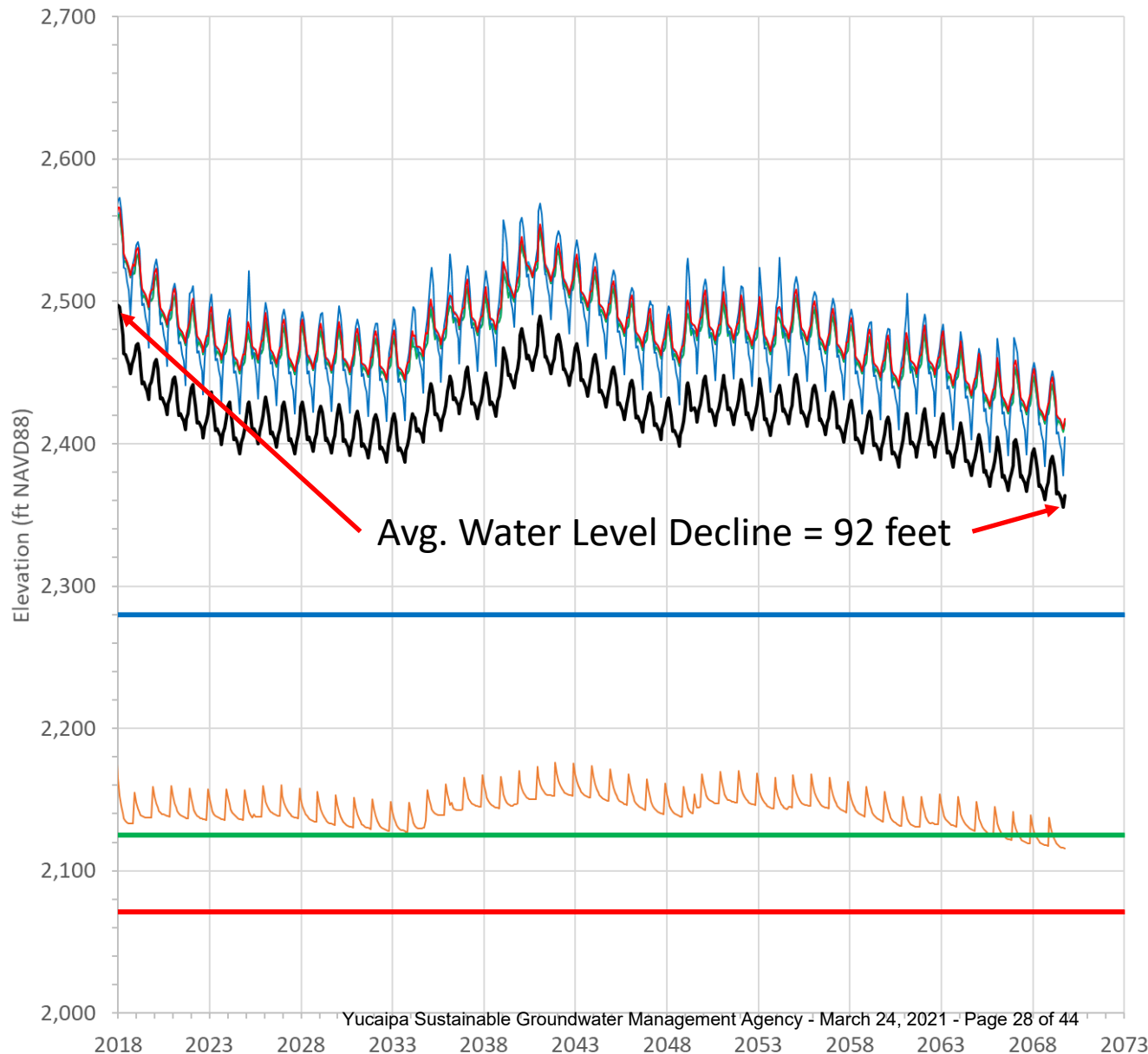
North Bench Management Area – Simulated Future Baseline



North Bench Management Area – Simulated Future Baseline w/ 2030 Climate



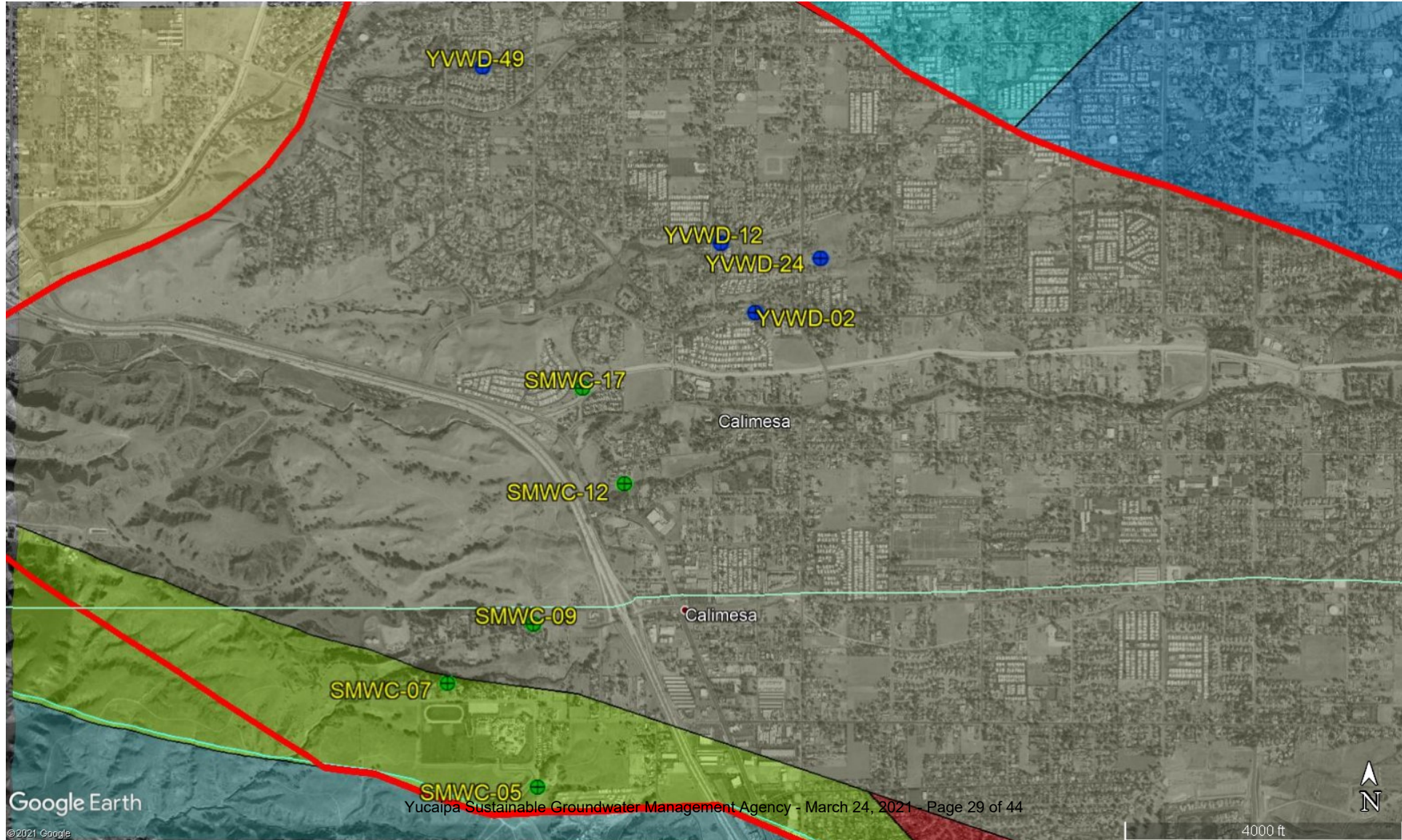
North Bench Management Area – Simulated Future Baseline w/ 2070 Climate



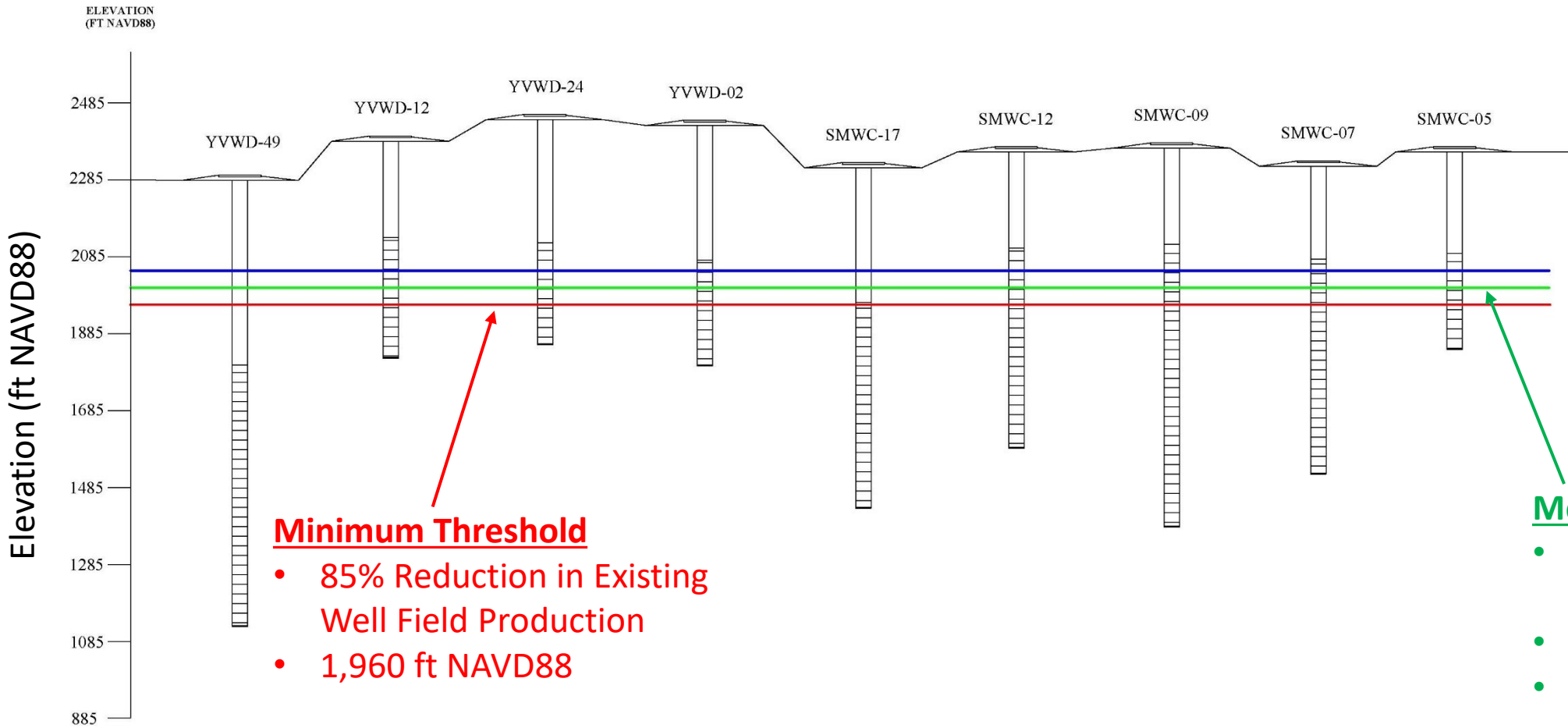
- YVWD-18
- YVWD-44
- YVWD-46
- YVWD-53
- YVWD-55
- YVWD-56
- Measurable Objective 1
- Measurable Objective 2
- Minimum Threshold
- Average GWL

North Bench
Production at
Sustainable Yield
of 3,405 AFY

Wells Used to Develop Calimesa Management Area Sustainability Criteria



Calimesa Management Area – Sustainability Criteria



Minimum Threshold

- 85% Reduction in Existing Well Field Production
- 1,960 ft NAVD88

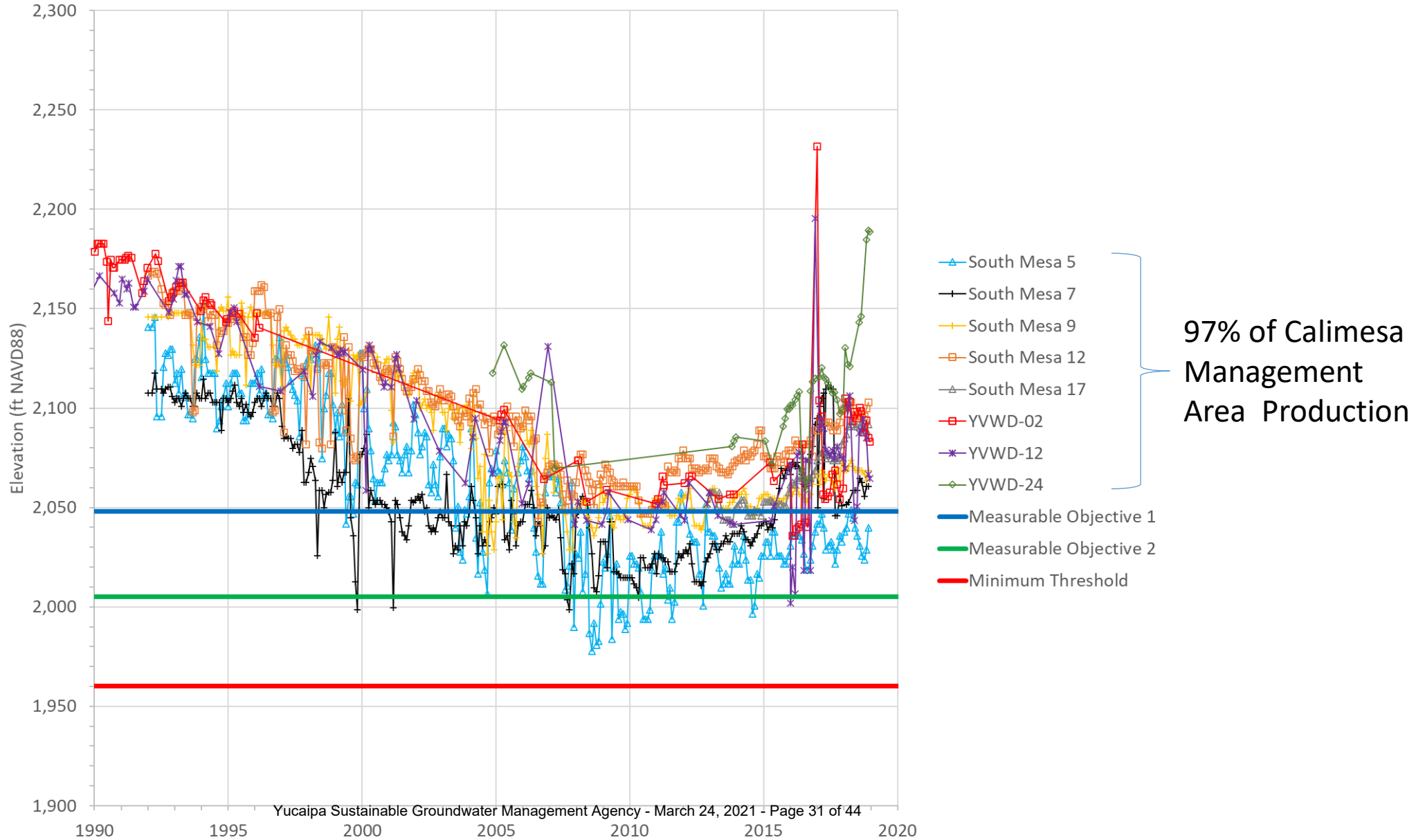
Measurable Objective 1

- Historical Average Low Groundwater Level @ 2,048 ft NAVD88
- Operational Reserves – Evaluate Potential Actions

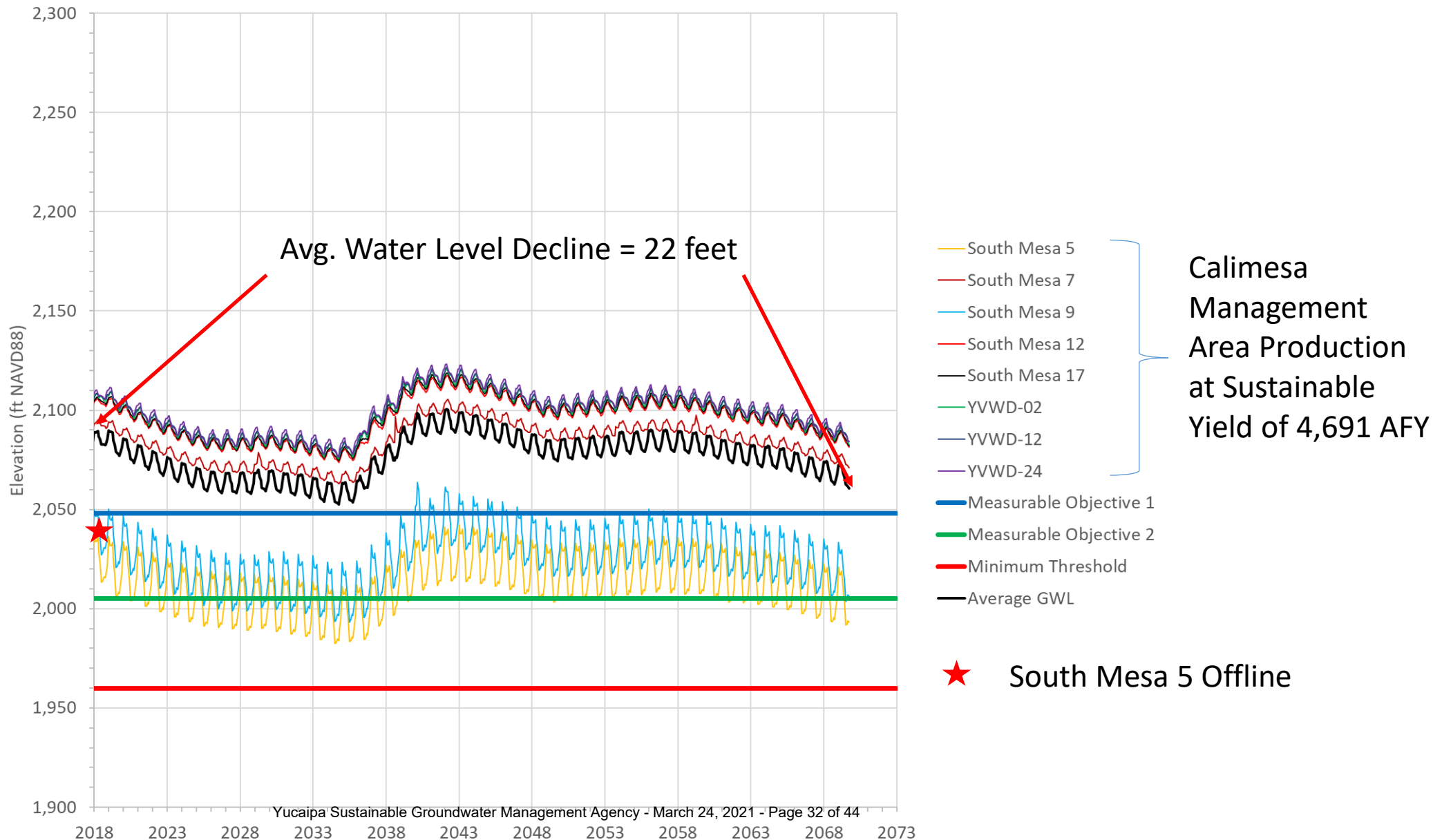
Measurable Objective 2

- 57% Reduction in Production
- 2,005 ft NAVD88
- Operational Flexibility – Implement Actions to Avoid Undesirable Result

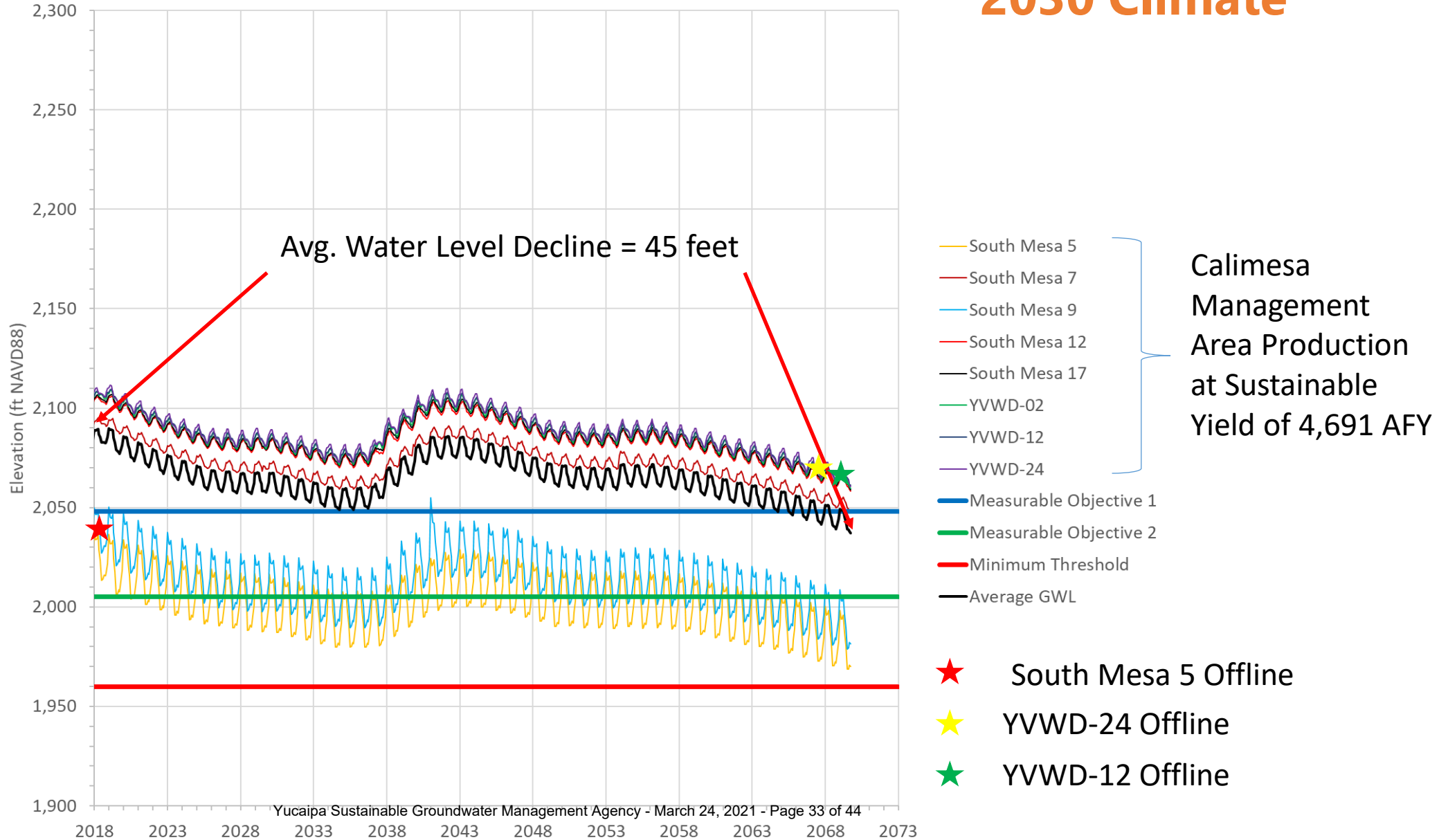
Calimesa Management Area – Historical Levels



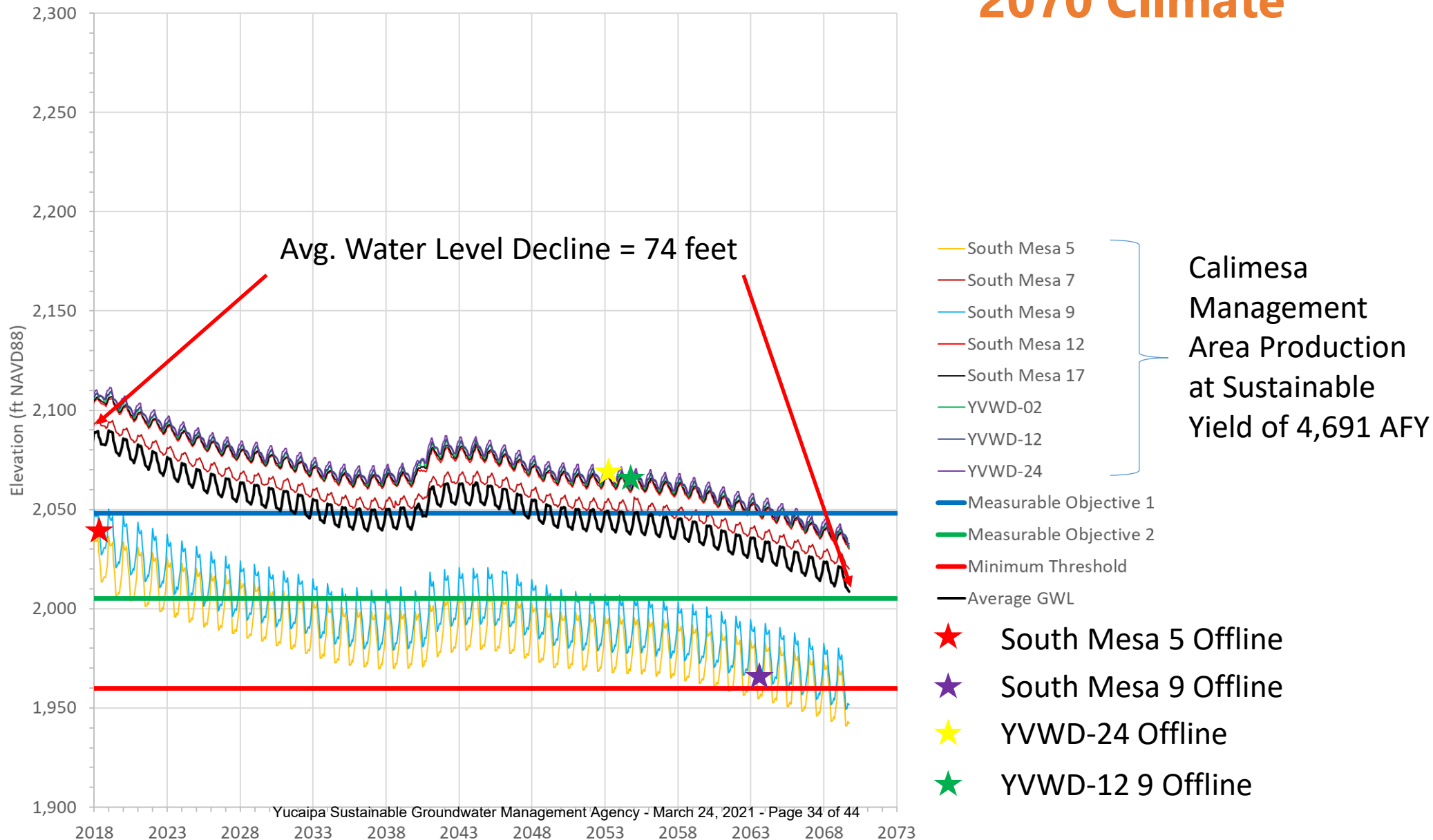
Calimesa Management Area – Simulated Future Baseline



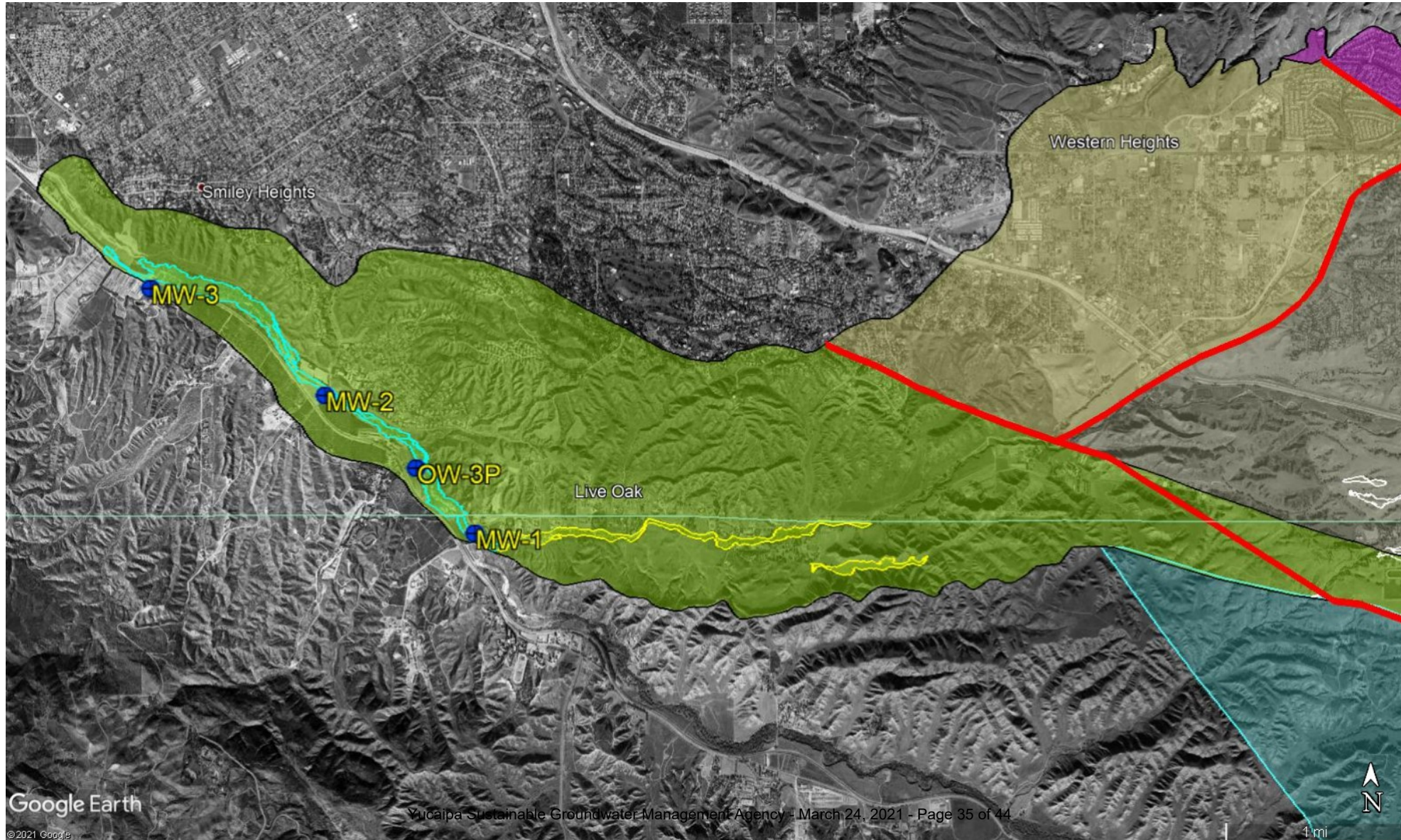
Calimesa Management Area – Simulated Future Baseline w/ 2030 Climate



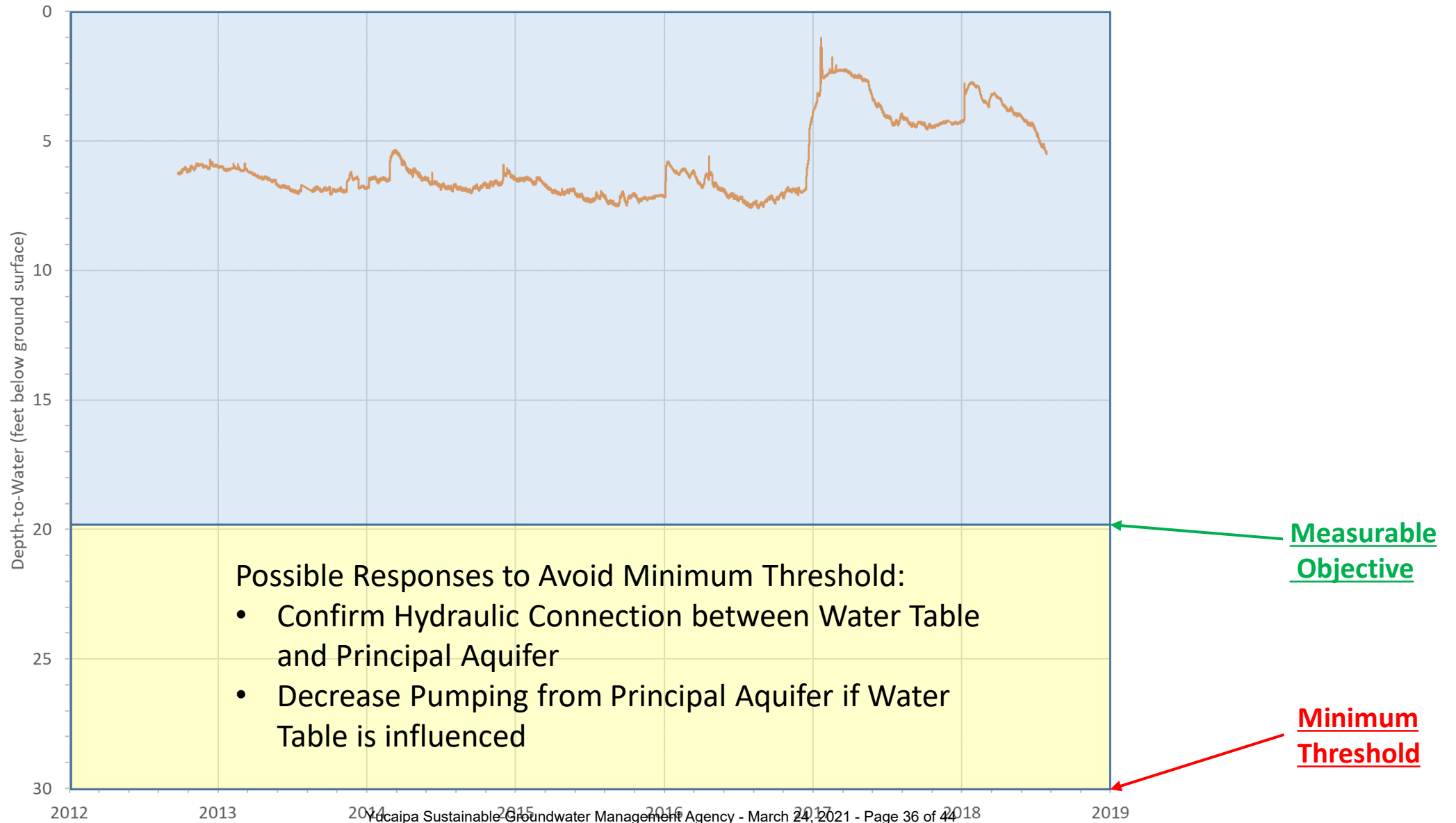
Calimesa Management Area – Simulated Future Baseline w/ 2070 Climate



Sustainability Criteria in San Timoteo Management Area



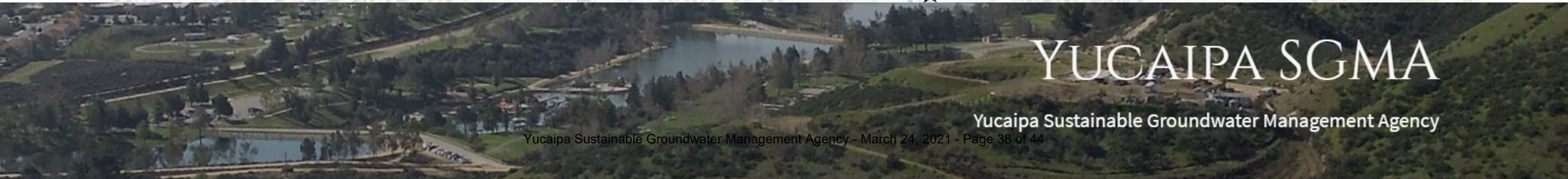
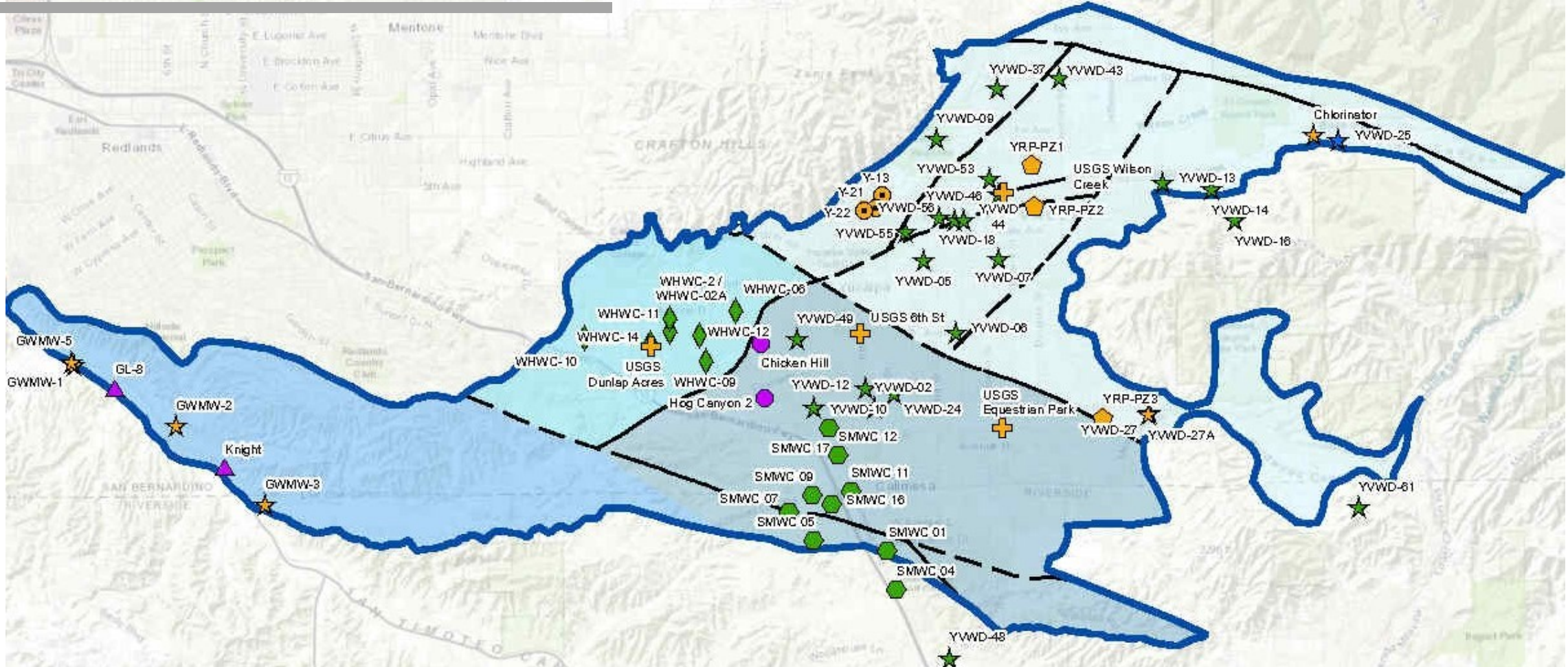
Sustainability Criteria in San Timoteo Management Area



Historical Groundwater Levels in San Timoteo Management Area



Monitoring Network

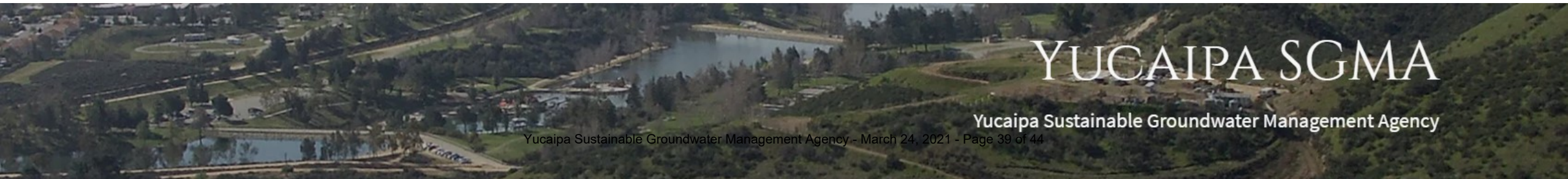


YUCAIPA SGMA

Yucaipa Sustainable Groundwater Management Agency

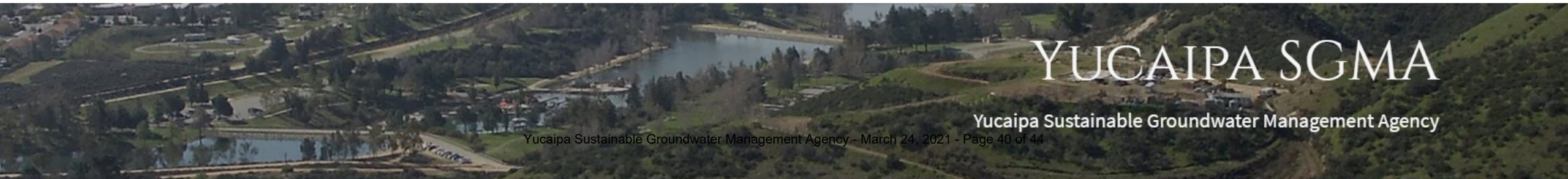
Comments on Draft Chapters of the GSP

- Comments have been received from South Mesa Water Company and the City of Yucaipa
- Comments received on draft Chapters 1 and 2 and responses are located on Sharepoint site:
 - <https://dudekpubs.sharepoint.com/sites/Yucaipa-SGMA>
- Draft Chapters 1 and 2 with tables and figures are also located on the SharePoint site



Preliminary Drafts of GSP Chapters

- Chapter 1 – Administration, Plan Area, & Communication
- Chapter 2 – Basin Setting (Jan. 22, 2021)
- Chapter 3 – Sustainability Criteria (Mar. 31, 2021)
- Chapter 4 – Projects and Management Actions
- Chapter 5 - Plan Implementation

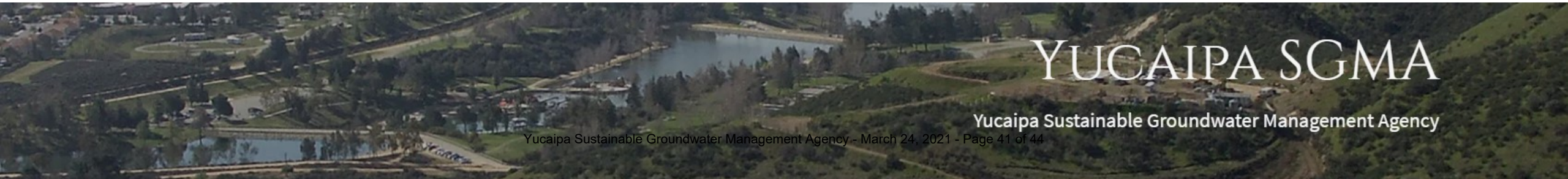


YUCAIPA SGMA

Yucaipa Sustainable Groundwater Management Agency

Prop. 68 SGM Grant Implementation – Round 1 Draft Award List

Basin No./ Name	Organization Name	Proposal Title	Notes	Recommended Award	Minimum Required Local Cost Share	Total Project Cost	Percent Local Cost Share
5-022.08/ Kings	Fresno Irrigation District	Kings Basin 2021 GSP Implementation Projects	A	\$4,866,600	\$0	\$4,866,600	0%
5-022.05/ Chowchilla	Madera, County of	Eastside Bypass Recharge for Subsidence and Flood Risk Reduction Phase I	B	\$4,197,600	\$0	\$4,197,600	0%
5-022.06/ Madera	Madera, County of	East Madera Subbasin Recharge Project Phase I	B	\$4,197,600	\$0	\$4,197,600	0%
5-022.04/ Merced	Merced Irrigation District	Southern Merced Subbasin Groundwater Recharge Project	A	\$4,999,800	\$0	\$4,999,800	0%
5-022.11/ Kaweah	Mid-Kaweah GSA	Kaweah Subbasin Groundwater Recharge and Sustainability Projects		\$3,776,400	\$200,000	\$3,976,400	5.00%
5-022.09/ Westside	Westlands Water District GSA	The Pasajero Groundwater Recharge Project		\$3,962,000	\$210,000	\$4,172,000	5.00%
				\$26,000,000			

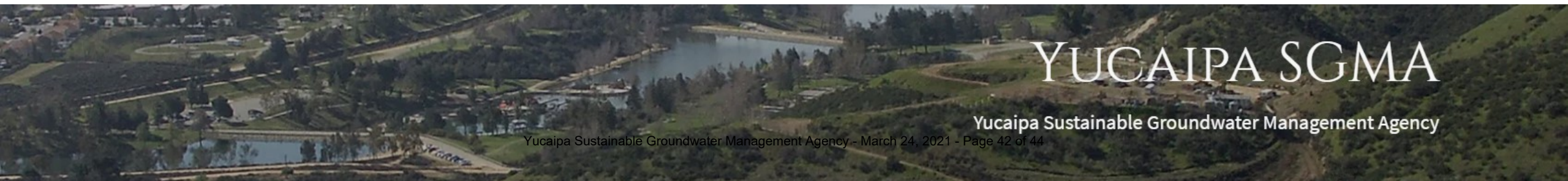
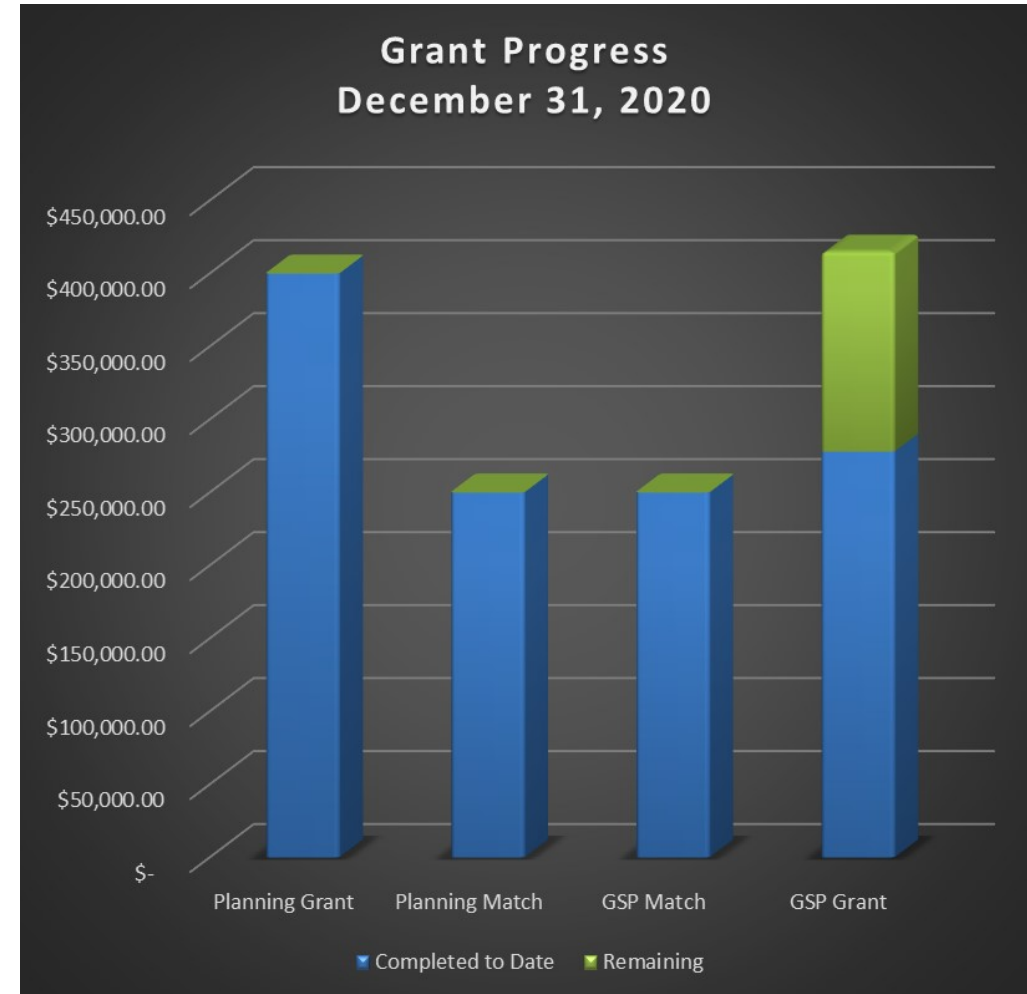


YUCAIPA SGMA

Yucaipa Sustainable Groundwater Management Agency

Grant Status

- 8th Quarterly Report (10/1/20-12/31/20)
- Planning Activities 97% Complete
 - The final Model Report is the last outstanding deliverable
- GSP Activities 67% Complete
 - Match requirements were met

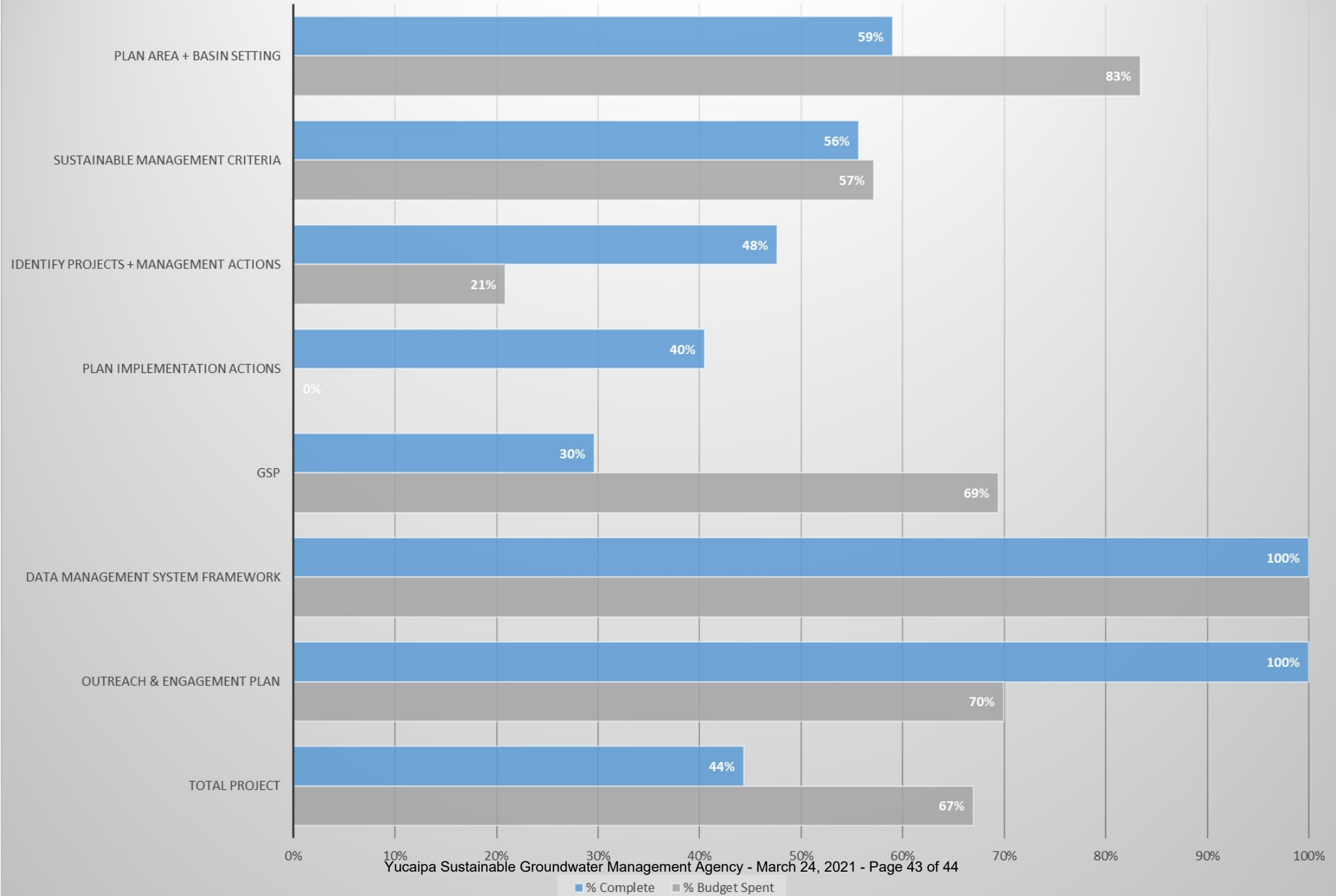


YUCAIPA SGMA

Yucaipa Sustainable Groundwater Management Agency

DRAFT – SUBJECT TO REVISION

Yucaipa GSP Development (as of 2/28/2021)



DRAFT – SUBJECT TO REVISION

GSP Road Map

Start GSP

Basin Area + Setting

Basin Understanding

Defining Sustainability

Data Collection, Review Models

Analyze Data, 3D Conceptual Model, Historical and Current Groundwater Conditions

Monitoring Protocols, Model Uncertainty, Identify Data Gaps

Current Balance and Future Projections – Do We Need More Supply to Achieve Sustainability?

Start: Nov 2018

Public Outreach & Engagement Plan

Feb. 2019

May 2019

Nov. 2019

Dec. 2019

Evaluate Achieving Sustainability

Monitoring Network, Identify Management Actions and Projects

GSA Review Draft GSP

Dec. 2020

Oct. 2020

Aug. 2020

Feb. 2020

Jan. 2020

Prepare Public Draft GSP

Sustainable Yield

Dec. 31 2020

1st Public Meeting
Mar. ??, 2021
(tentative)

Admin Draft GSP

July 31 2021

Public Draft GSP
2nd Public Meeting
Sep. 30, 2021

GSP to DWR
November 30, 2021

GSP Deadline

January 31, 2022

 = Milestone