



YSGA Working Group Meeting

August 3, 2022



Agenda

- Approve Minutes
- Executive Officer Update
- Drought Update: Current Water Conditions and Summer 2022 Projections
 - SB 552 and Drought Planning: Yolo OES
 - WRA TC Ad Hoc Drought
 - YSGA Drought Contingency Planning Committee
- GSP Implementation Update:
 - Project Solicitation and Prioritization Process
 - DWR's SGMA Implementation Funding
- Discussion: WRA Dissolution and Incorporation into the YSGA
- Discussion: Management Area Advisory Committee Framework
 - Update on Hungry Hollow Area Community Meetings
 - *Draft* Public Advisory Committee Concept
- Wrap Up and Next Steps

A background image of a sunflower field. The sunflowers are yellow with dark brown centers, and the leaves are green. The image is slightly blurred, giving it a soft, artistic feel. The text is overlaid on the center of the image.

Roll Call & Determination of Quorum

A field of sunflowers is shown with a semi-transparent dark overlay. The sunflowers are in various stages of bloom, with bright yellow petals and dark brown centers. The background is a soft, out-of-focus landscape with a blue sky and green foliage.

Adding Items to the Posted Agenda

A field of sunflowers is shown in a soft, slightly desaturated light. The sunflowers are yellow with dark brown centers. The text 'Public Forum' is centered over the image in a white, sans-serif font. A thin white horizontal line is positioned below the text.

Public Forum

A close-up photograph of a sunflower in a field, with other sunflowers visible in the background. The image is slightly blurred and has a soft, warm tone.

Approve Minutes

March 2, 2022

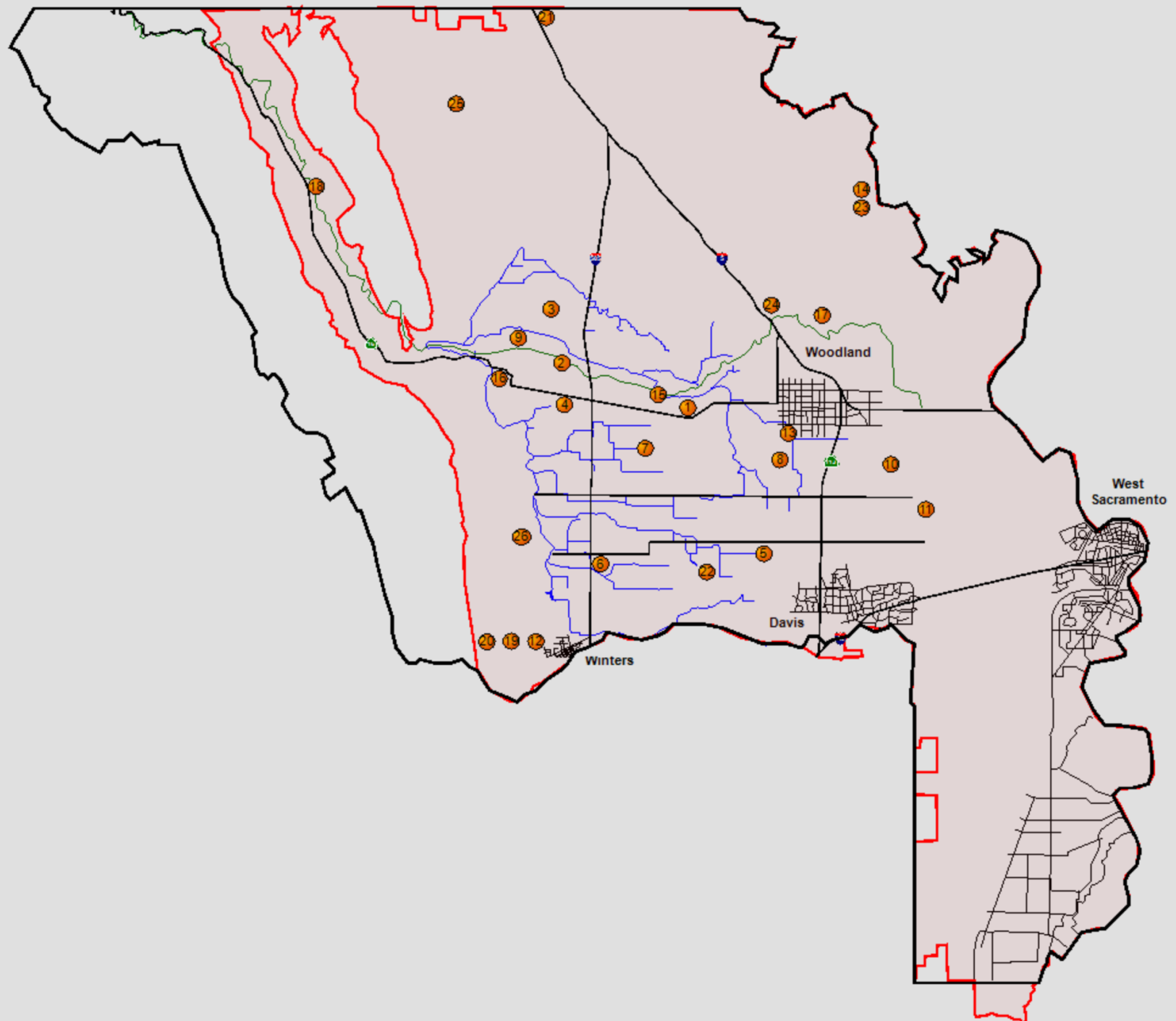
A photograph of a field of sunflowers. The background is a soft-focus field of many sunflowers. In the foreground, a single sunflower is in sharp focus, showing its bright yellow petals and dark brown center. The text "Executive Officer Update" is overlaid in white, centered horizontally, with a thin white horizontal line underneath it.

Executive Officer Update

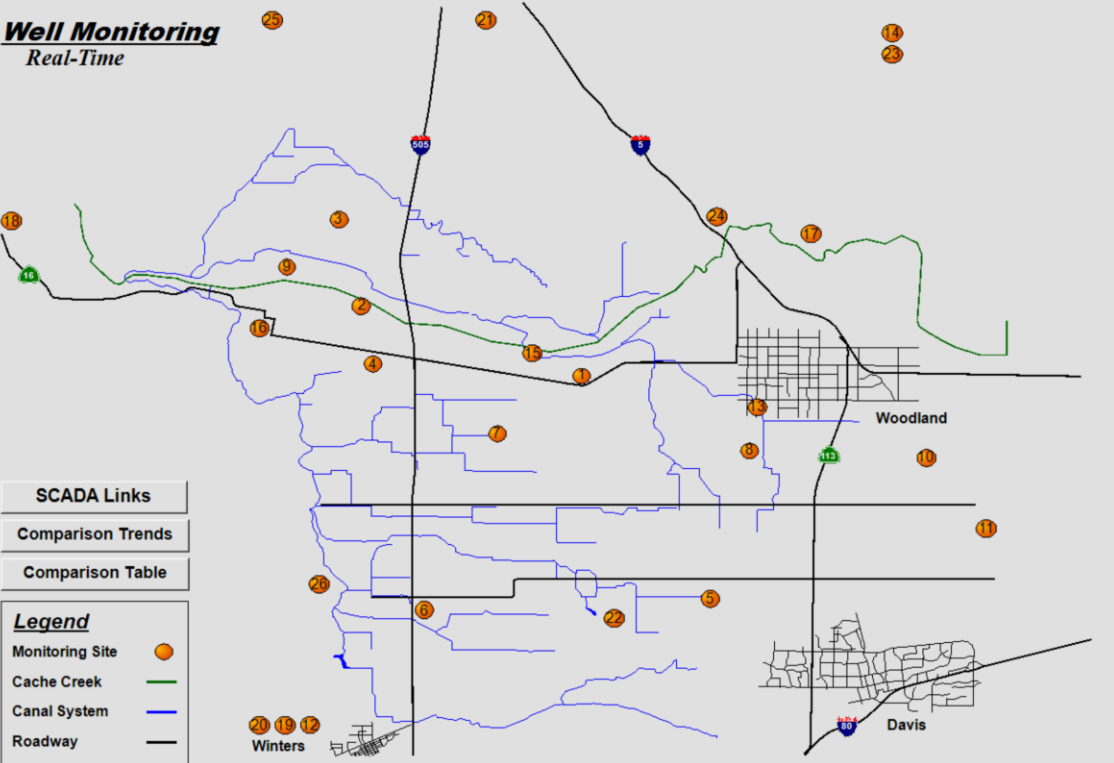


Water Conditions Update

Well Monitoring
Real-Time



SCADA Links	
Comparison Trends	
Comparison Table	
Legend	
Monitoring Site	●
YSGA	—
County	—

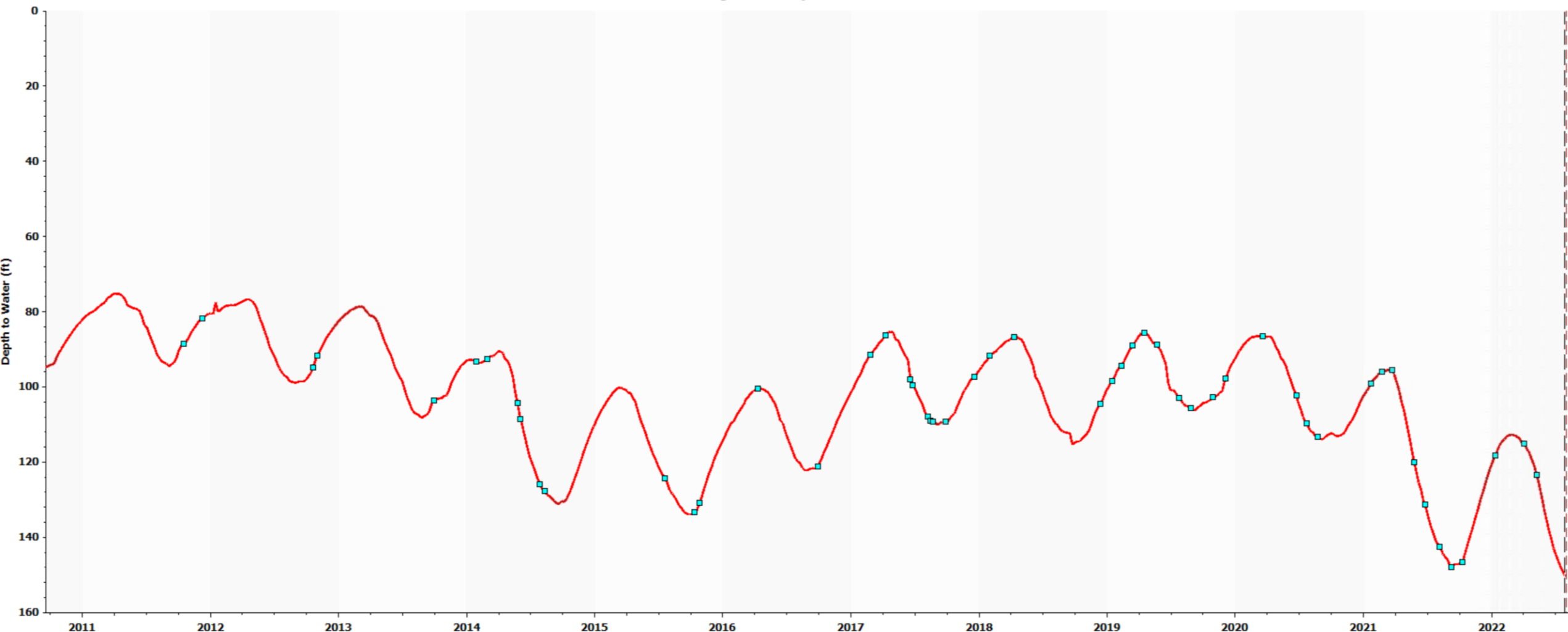


Well Monitoring

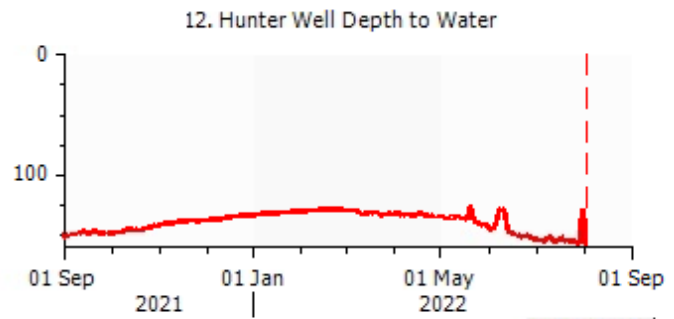
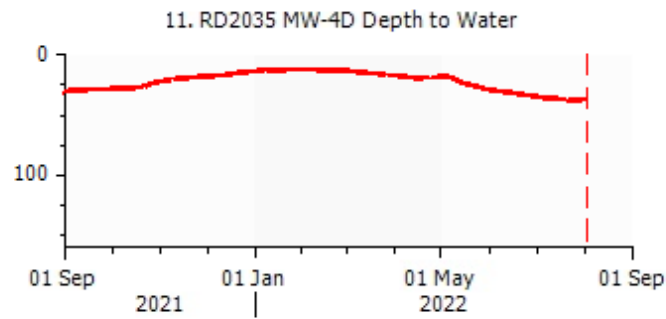
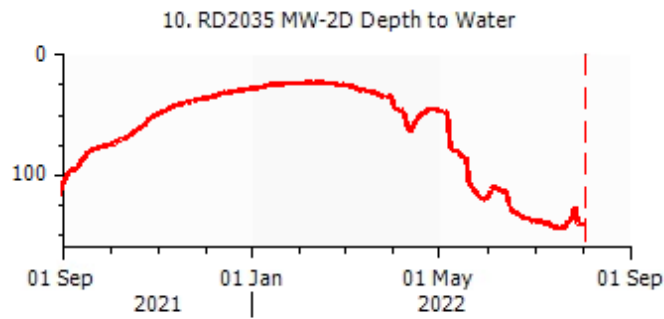
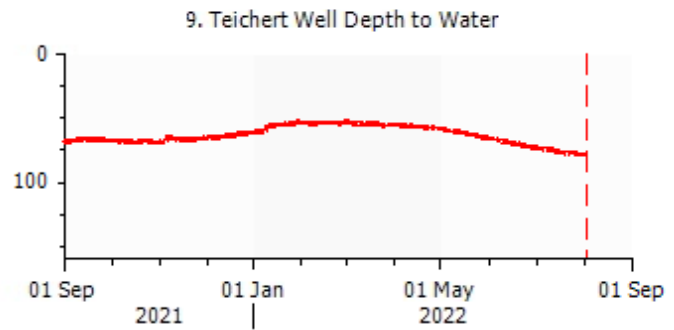
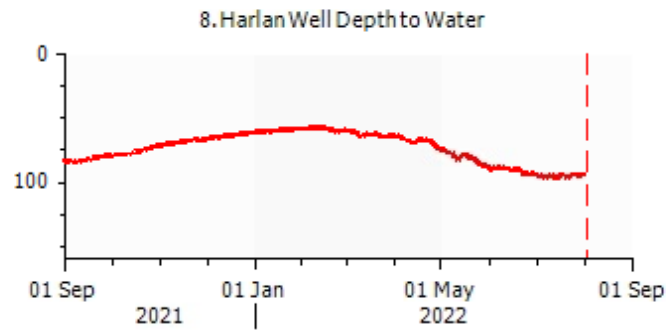
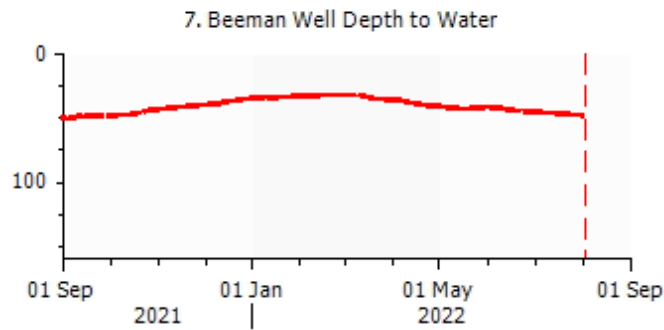
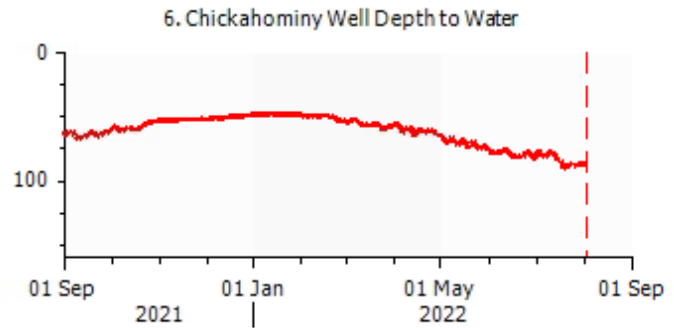
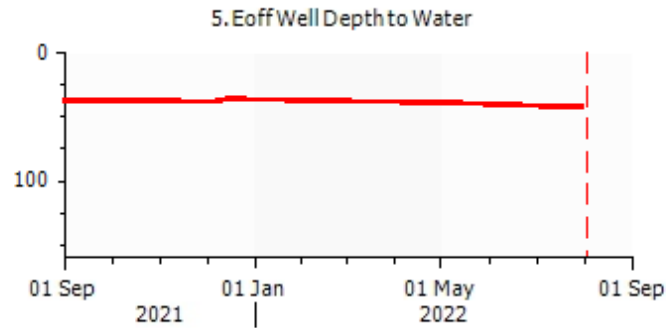
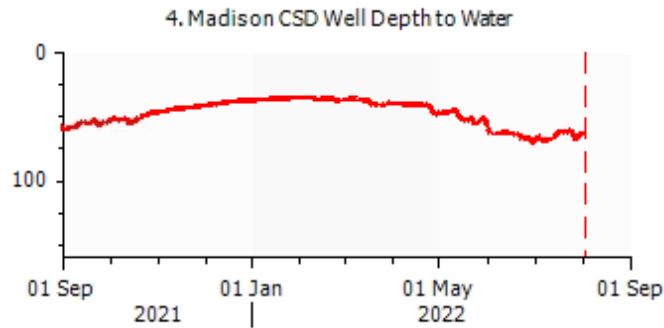
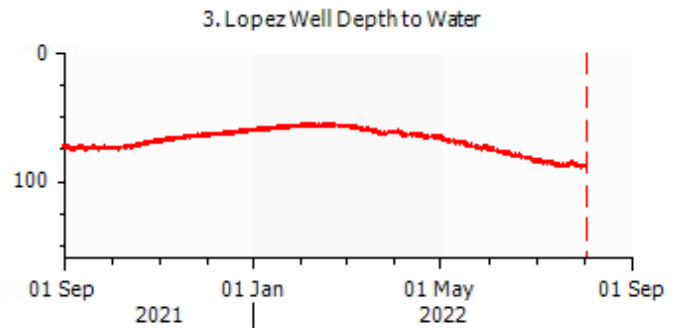
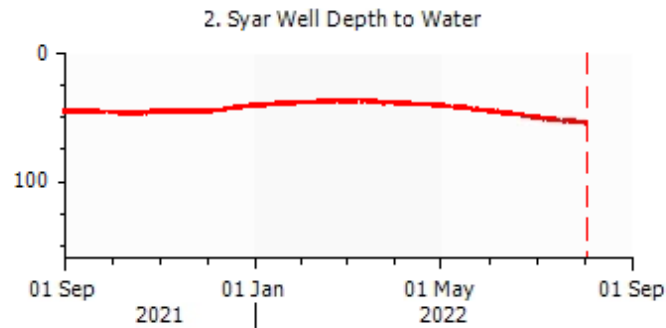
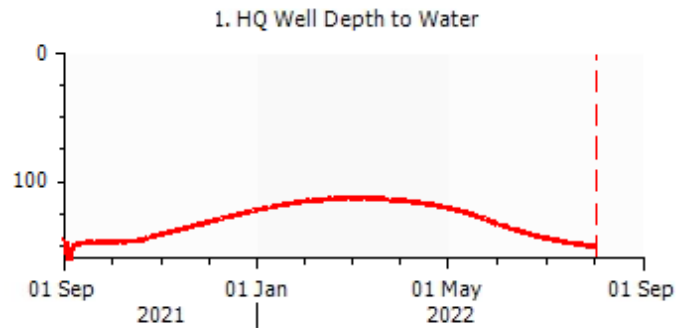
Depth to Water Historical Comparison
(Daily Average DTW in feet)

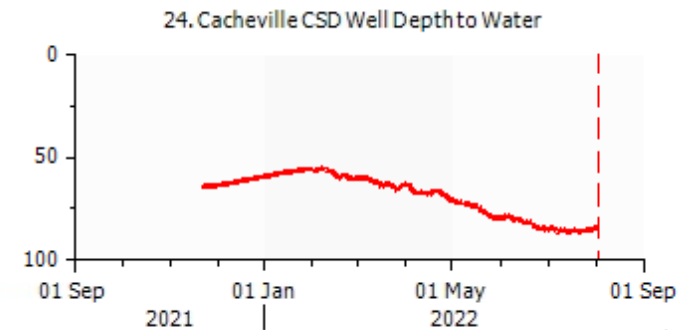
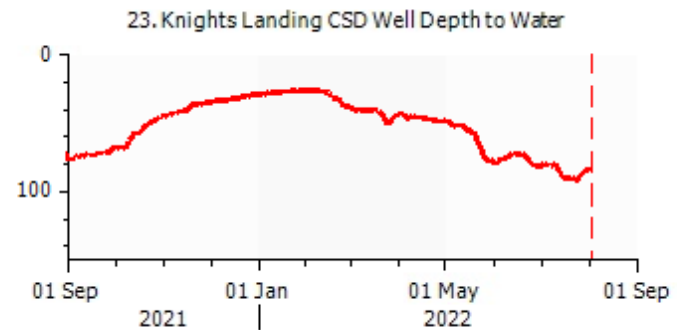
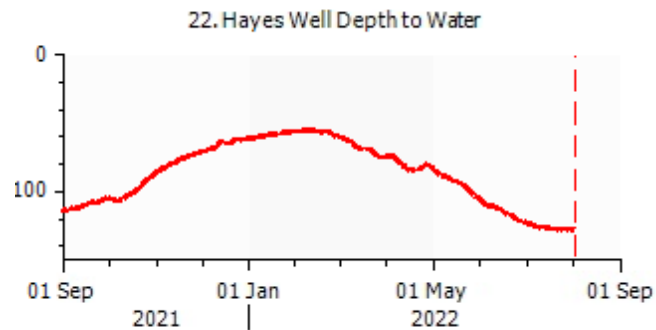
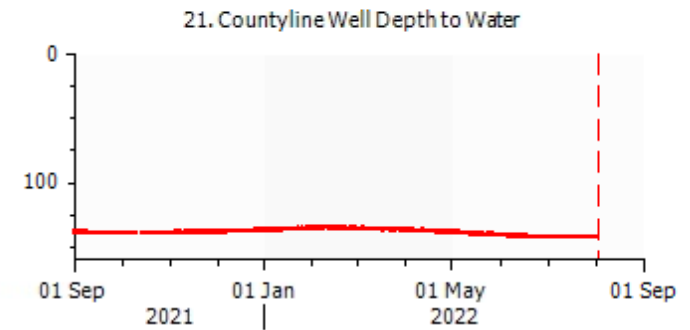
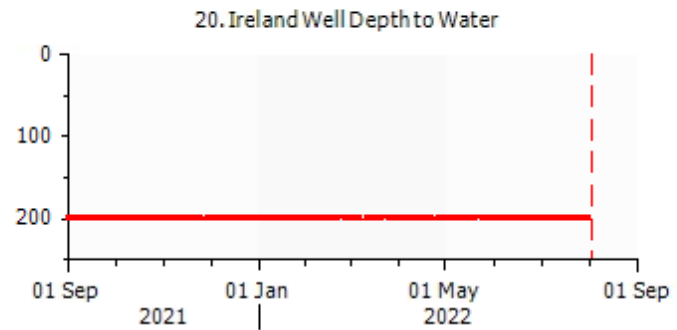
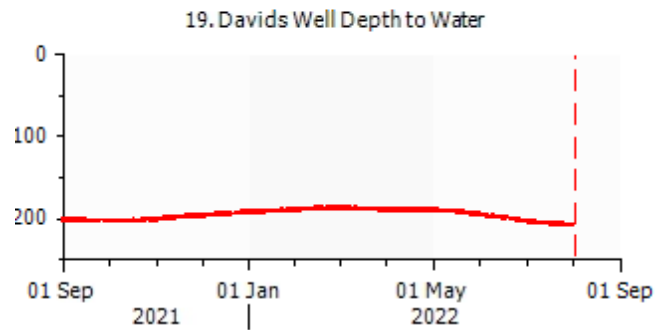
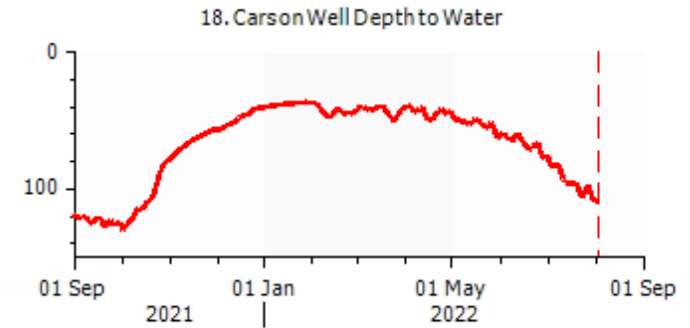
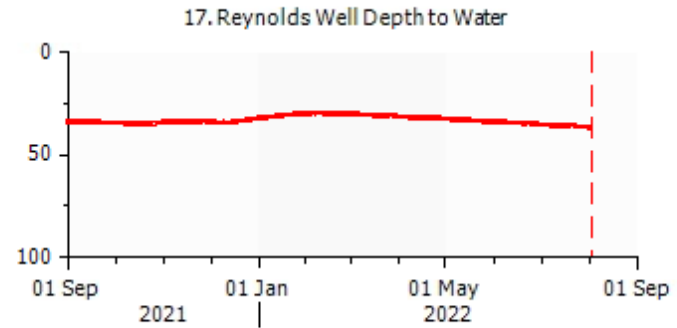
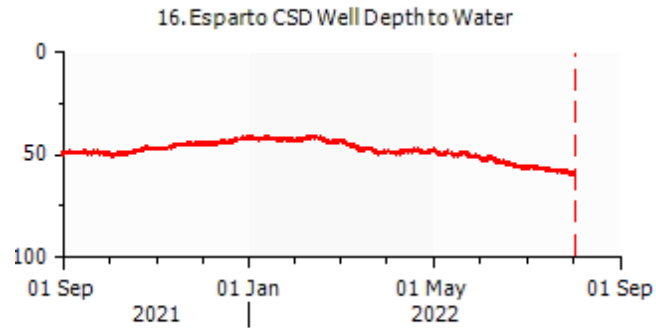
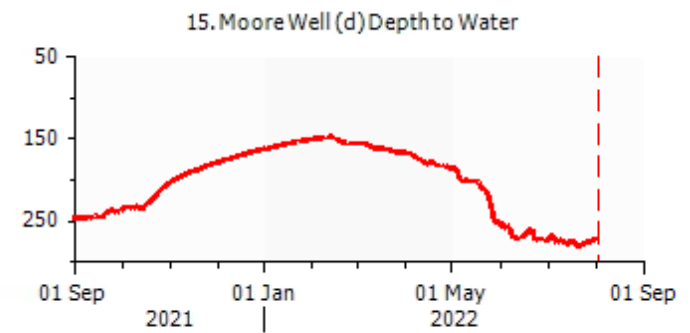
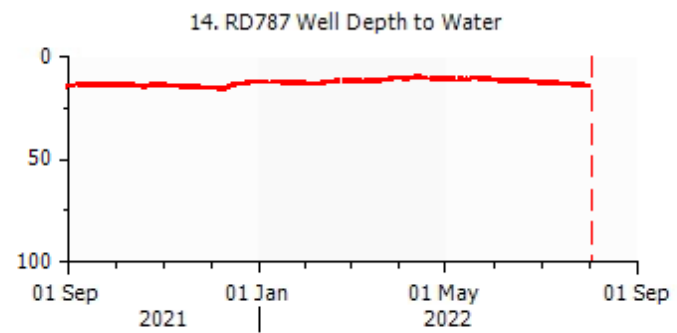
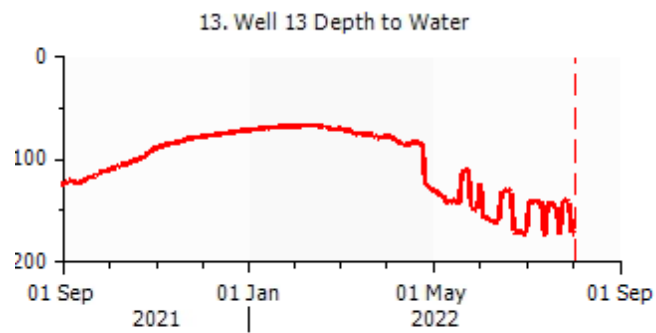
Well	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Δ 2021 - 2022	Δ 2015 - 2022
1.	95.7	93.8	97.4	107.0	127.7	128.1	120.9	108.3	110.3	104.7	112.2	142.4	150.8	-8.4	-22.8
2.	44.6	45.4	41.4	54.3	53.7	54.8	49.3	29.7	33.9	30.3	32.0	42.2	53.6	-11.4	1.3
3.		40.0	46.0	52.4	82.3	73.4	62.4	39.3	44.5	37.8	43.5	70.3	88.0	-17.7	-14.7
4.		32.1	39.2	46.0	57.6	61.5	52.1	33.9	33.6	35.1	33.9	56.2	63.3	-7.1	-1.8
5.		15.6	15.3	18.6	34.1	35.3	36.3	22.5	25.8	17.3	21.1	35.3	42.1	-6.8	-6.8
6.			55.2	59.0	93.1	73.5	62.4	48.2	47.1	42.2	42.7	71.1	89.5	-18.4	-16.0
7.					39.9	47.1	26.0	17.3	21.5	17.8	24.3	47.3	47.3	.0	-2
8.					91.3	88.5	85.0	65.0	73.9	57.5	67.1	86.5	94.0	-7.4	-5.5
9.					73.4	69.2	57.9	41.8	45.0	40.6	44.0	63.0	78.3	-15.3	-9.1
10.						115.3	129.0	77.4	131.2	98.1	127.0	133.6	141.0	-7.4	-25.7
11.						33.6	33.2	18.6	32.4	20.6	30.9	35.9	37.0	-1.1	-3.4
12.										125.2	136.5	145.0	127.0	18.0	
13.									125.8	95.2	112.8	137.7	173.0	-35.3	
14.									10.1	9.4	10.3	13.8	13.8	.0	
15s.									41.3	35.7	38.5	50.1	48.3	1.8	
15d.									157.2	143.6	162.5	252.3	273.1	-20.9	
16.										39.0	40.9	50.7	58.9	-8.2	
17.										21.0	23.6	32.9	36.4	-3.5	
18.										58.7	73.7	118.6	107.9	10.7	
19.										174.6	181.4	197.2	207.6	-10.4	
20.										198.8	199.0	199.1	198.6	.5	
21.											127.4	137.3	142.0	-4.7	
22.												120.2	128.1	-7.9	
23.												96.3	83.0	13.3	
24.													84.3		
25.													102.4		
26.													123.8		

1. HQ Well Depth to Water



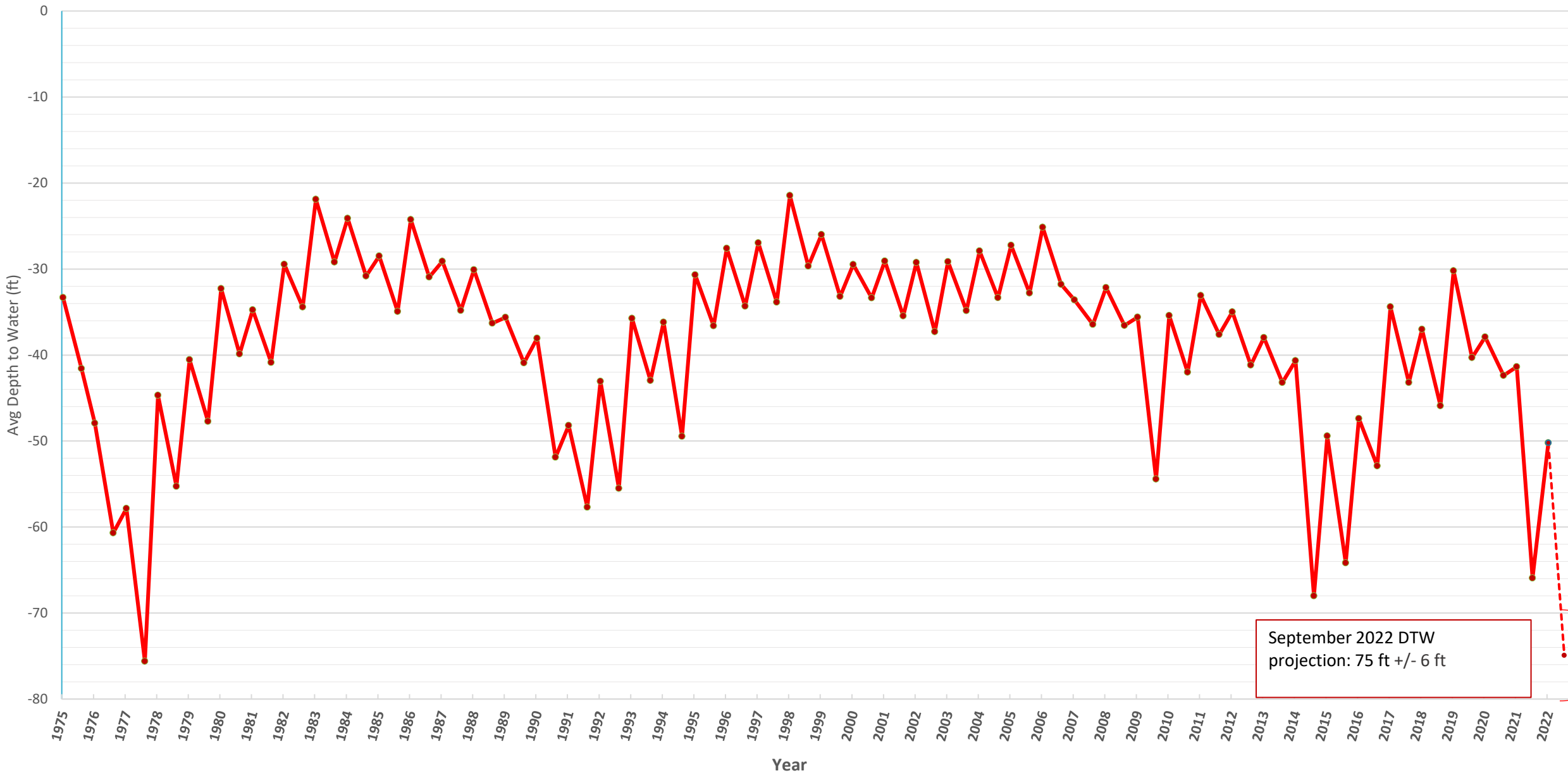
Depth to Water
8/2/22: 150 feet





YCFCWCD Projected Average Groundwater

*Depth by Season (Spring 2022 is 131 wells)***



A close-up photograph of a sunflower in a field, with other sunflowers visible in the background. The image has a dark, semi-transparent overlay.

SB 552 and Drought Planning

Drought Planning - Counties

New requirements:

- Establish a standing drought task force or similar alternative
 - Purpose: To facilitate drought and water shortage preparedness for state small water systems and domestic wells within the county's jurisdiction
 - Membership: January 1, 2022
- Develop a drought and water shortage plan
 - Stand alone or integrated as part(s) of existing county plan:
 - Local Hazard Mitigation Plan,
 - General Plan, or
 - other

A background image of a sunflower field. The sunflowers are in various stages of bloom, with bright yellow petals and dark brown centers. The lighting is soft, suggesting a late afternoon or early morning setting. The text is overlaid on the center of the image.

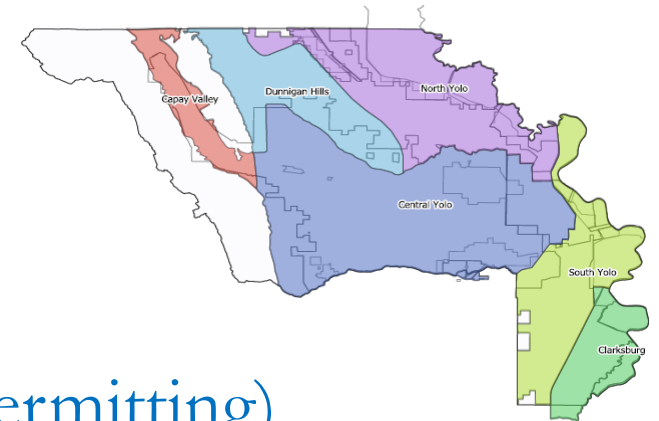
WRA TC Ad Hoc Drought Task Force

A background image of a sunflower field. The sunflowers are yellow with dark brown centers. The image is slightly blurred and has a dark overlay, making the text stand out.

YSGA Drought Contingency Planning Committee

Ad Hoc Drought Contingency Planning Committee

- Advise YSGA Directors concerning
 - Local planning strategies
 - Appropriate management actions for drought conditions
 - Coordination with Yolo County Supervisors for management of groundwater resources during drought
- Identify available resources to mitigate drought impacts
- Implement sustainability projects
- Investigate whether restrictive measures are necessary
- Implement Governor's E.O. N-7-22 Paragraph 9 (Well Permitting)



A close-up photograph of a sunflower in a field, with other sunflowers visible in the background. The image is slightly blurred and has a dark, semi-transparent overlay.

GSP Implementation Update

PROJECTS AND MANAGEMENT ACTIONS

- The goals of the projects and management actions are to:
 - **Ensure** the subbasin remains sustainable over the next 50 years
 - **Keep** water levels at the measurable objective in the long term
 - **Prevent** the exceedance of minimum thresholds
 - **Prevent** undesirable results
- **12** Proposed & Ongoing Management Actions
- **75** Proposed & Ongoing Projects



Project Solicitation & Prioritization Process

Proposed Process

August 3, 2022: Working Group Meeting to request feedback and secure approval of the project information form, the budget template, the project solicitation process flyer, and the proposed process for prioritizing projects

August 8, 2022: YSGA releases the request to submit projects, including associated materials

August 24, 2022: Project information forms and associated materials due to YSGA

August 31, 2022: Working Group Meeting to review and approve draft prioritization criteria

August 24, 2022 to September 2, 2022: YSGA staff review project information forms and prioritize projects based on the adopted prioritization criteria.

September 7, 2022: Working Group Meeting to review draft of prioritized projects (including new project submissions) for recommended approval to BOD

September 19, 2022: Board of Directors to consider additional new project submissions (not already in GSP) and to consider formal approval of priority projects

September/October 2022: YSGA develops detailed project descriptions for each priority project, as well as develops a grant strategy that matches each priority project with potential state and federal grant opportunities over the next three years.

November 2022 (anticipated): YSGA submits Sustainable Groundwater Management implementation grant application.

Project Information Form



YOLO SUBBASIN GROUNDWATER SUSTAINABILITY PLAN PROJECT INFORMATION FORM

[INSERT PROJECT TITLE]

ELIGIBILITY CRITERIA

1. Is the project located in the Yolo Subbasin?
 Yes No
2. Is the project already listed as an existing Management Action/Project in the Yolo Subbasin Groundwater Agency 2022 Groundwater Sustainability Plan (GSP)?
 Yes No
If yes, please identify the Management Action / Project number.
3. If not, will the project proponent request to add the project to the GSP before August 24, 2022?
 Yes No
If yes, this will require formal YSGA Board approval at the September 19, 2022 Board of Directors meeting.

OVERVIEW

4. Please provide an overview of the proposed project (e.g., project location, origin of the project, and project elements). Describe the status of any relevant planning documents, such as a feasibility study, concept proposal, design, environmental review documents, or any other previously completed planning studies that would support the project. If a copy of the concept proposal, design, or study is available, please attach it to this Project Information Form.



BENEFITS TO DISADVANTAGED/ UNDERREPRESENTED COMMUNITIES

6. Does this project serve or provide benefit to disadvantaged/ underrepresented communities? If so, please describe the community (including the state or federal definition used to define the disadvantaged/vulnerable/underrepresented definition) and the benefits they would receive.
7. Does this project positively impact issues associated with small water systems or private shallow domestic wells? If so, please provide the domestic well census results, water system maps, service area maps, etc.
8. Does this project address the Human Right to Water ([AB 685 Section 106.3](#))? If so, please elaborate on how the project will support the State's policy to ensure the human right to safe, clean, affordable, and accessible water.
9. Please provide data to quantify the benefits described above, including baseline data, or provide information about how the project proponent could measure this benefit in the future.

BENEFITS TO AREAS OF SPECIAL CONCERN

10. Is the project located in an Area of Special Concern or will it provide benefit to an Area of Special Concern in the Yolo Subbasin?
11. Please provide data to quantify this benefit, including baseline data, or provide information about how the project proponent could measure this benefit in the future.

Budget Template

Yolo Subbasin Groundwater Agency Project Information Form Budget Template

INSERT NAME OF PROJECT HERE

INSERT DATE HERE

PROJECT BUDGET

In the chart below, please list all project costs and include date of estimate, if applicable. Please use as many rows as needed. Use subtasks as needed to break out elements of the cost. If you are proposing a program, please feel free to edit the categories as needed to reflect the cost of the program. In the notes, please indicate whether the costs are ongoing or one-time, the number of Full-Time Equivalent employees (FTEs), or other pertinent information to help the Yolo Subbasin Groundwater Agency understand the cost of operating the program or implementing the project.

Budget Category	Category Description	Cost	Date of Estimate	Source of Estimate	Level of Certainty (high, medium, low)	Notes
Project management	Cost to manage the project, including administration, management of consultants/contractors, and development and maintenance of a project schedule	\$				
Design and engineering	Cost of project design and engineering documents, up to 100% design	\$				
Environmental compliance	Cost of complying with environmental regulations	\$				
Permitting	Cost of preparing and securing necessary permits	\$				
Construction	Cost of capital improvements and related costs including construction management, mobilization and demobilization, site preparation, installation, and excavation	\$				
Contingency	Recommend including at least 15% contingency in budget	\$				
Other	Other costs necessary to complete the project	\$				
Operation, maintenance, and monitoring	Cost to operate and maintain the project, including monitoring project benefits	\$				
TOTAL		\$0.00				

COMMITTED FUNDING SOURCES

In the chart below, please list all committed funding sources. Committed funding sources are funds that approved by the appropriate governing body and available for expenditure now. Please use as many rows as needed. In the notes, please provide as much information about the funding sources as possible, including the level of certainty.

Committed Funding Source	Amount	Date of Commitment	Notes
Local contribution (cash)	\$		
Local contribution (in-kind)	\$		
Grant 1	\$		
Grant 2	\$		
[Other]	\$		
TOTAL	\$0.00		

POTENTIAL FUNDING SOURCES

Please list any potential funding sources, including grants for which the organization may apply for this project.

Potential Funding Source	Amount	Estimate Date of Potential Award /Allocation	Notes
Funding Source 1	\$		
Funding Source 2	\$		
Funding Source 3	\$		
Funding Source 4	\$		

Flyer

- RFP will release on August 8, 2022
- Project Information Forms due August 24, 2022
- New Projects (not already in the GSP) will need to be considered for approval by the WG and BOD



Yolo Subbasin Groundwater Agency

You're invited!

The Yolo Subbasin Groundwater Agency ("YSGA") is working to prioritize projects in the 2022 Yolo Subbasin Groundwater Sustainability Plan ("GSP") and seek state and federal funding for implementation of priority projects.

YSGA invites stakeholders with projects in the GSP to submit a project information form. The YSGA Working Group will develop prioritization criteria and YSGA staff will recommend priority projects to the Board of Directors at the September 19, 2022 meeting.

**PROJECT
DESCRIPTION
DEADLINE:
August 24
at 5pm**

CONCERNED YOUR PROJECT IS NOT IN THE GSP?

Contact Kristin Sicke at ksicke@yolosga.org for more information about how to include your project.

Projects must be located in the Yolo Subbasin and address at least one GSP sustainability indicator:

- Chronic lowering of groundwater elevations
- Changes in groundwater storage
- Seawater intrusion
- Groundwater quality
- Subsidence and
- Depletion of interconnected surface waters

Please use the attached project information form and budget template. Submit the completed materials to Kristin Sicke at ksicke@yolosga.org by August 24, 2022 at 5pm.

Visit the YSGA website for more information:
<https://www.yologroundwater.org/>

A close-up photograph of a sunflower in a field, with other sunflowers visible in the background. The image has a dark, semi-transparent overlay.

SGMA Implementation Funding



Sustainable Groundwater Management Funding

- DWR is administering more than \$350M in Planning and Implementation funding including, but not limited to:
 - GSP update activities and filling data gaps
 - Outreach and engagement efforts
 - Project development, planning, and construction
- Round 1 Awards Announced May 2, 2022
 - ~\$150M for Award to the COD Basins (~\$7.6M per basin)
- Round 2 Opens Late 2022/Early 2023
 - ~\$200M for Award to all High/Medium Priority Basins
 - Traditional Competitive Process
- *More information on the [SGM Grant funding](#) on our website*

A field of sunflowers is shown with a semi-transparent dark overlay. The sunflowers are in various stages of bloom, with bright yellow petals and dark brown centers. The background is a soft, out-of-focus landscape with a blue sky and green foliage.

Discussion

WRA Dissolution &
Incorporation into the YSGA

WRA Dissolution and Incorporation into YSGA

REASONING

- Increase overall efficiency by eliminating overlapping meetings/activities
- Facilitate integration of SGMA-related groundwater management activities with broader water resource planning efforts within Yolo County

PROCESS

- Dissolution of WRA – adoption of resolution by WRA BOD
- Amendment of YSGA JPA to include the authority to
 - Coordinate the study and planning of water, drainage, and flood control activities in Yolo County
 - Coordinate implementation of the Yolo County-portion of the Westside IRWM Plan
 - Take a leadership role in updating the IRWMP every 10 years

WRA Dissolution and Incorporation into YSGA

- Draft JPA Amendment will be reviewed by the YSGA's Ad Hoc Committee
- Consideration of approval of the JPA Amendment will occur at the September 19, 2022 WRA/YSGA Board of Directors Meetings

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Discussion

Management Area Advisory
Committee Framework

Update on Hungry Hollow Area Community Meetings



You're invited to the **Hungry Hollow Area Community**
GROUNDWATER CONDITIONS TOWN HALL

June 22, 2022
5:00 - 7:00 PM

Matchbook Winery
12300 County Road 92B
Zamora, CA 95698



The Hungry Hollow Area Community Group is a self-organized group of local landowners with the mission to:

- Encourage water-wise practices and incentivize groundwater recharge
- Develop solutions to optimize the societal, ecological, and economic health of the community
- Implement pilot projects using available funding programs



Topics for Discussion

- Historic and current groundwater levels
- Security of water supply
- Future scenarios
- Opportunities for collaboration

Please RSVP by contacting:
info@yolosga.org
-- or --
(530) 661-3211

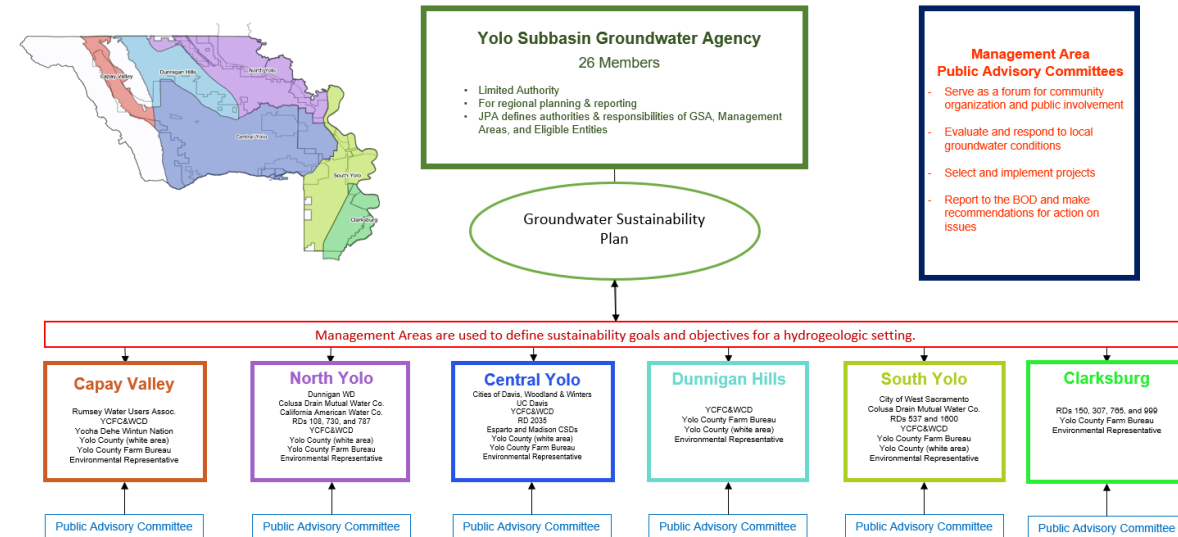
YOLO SUBBASIN GROUNDWATER AGENCY | www.yologroundwater.org



Establishing a Framework for Forming the Management Area Public Advisory Committees

- Proposal: MA PACs to serve as a forum for community organization and public involvement
- Roles and Responsibilities:
 - Evaluate and respond to local groundwater conditions
 - Select and implement projects (assessment process TBD)
 - Report to the YSGA BOD and make recommendations for actions related to groundwater conditions and ensuring sustainability

Draft – For internal discussion purposes only
June 17, 2022

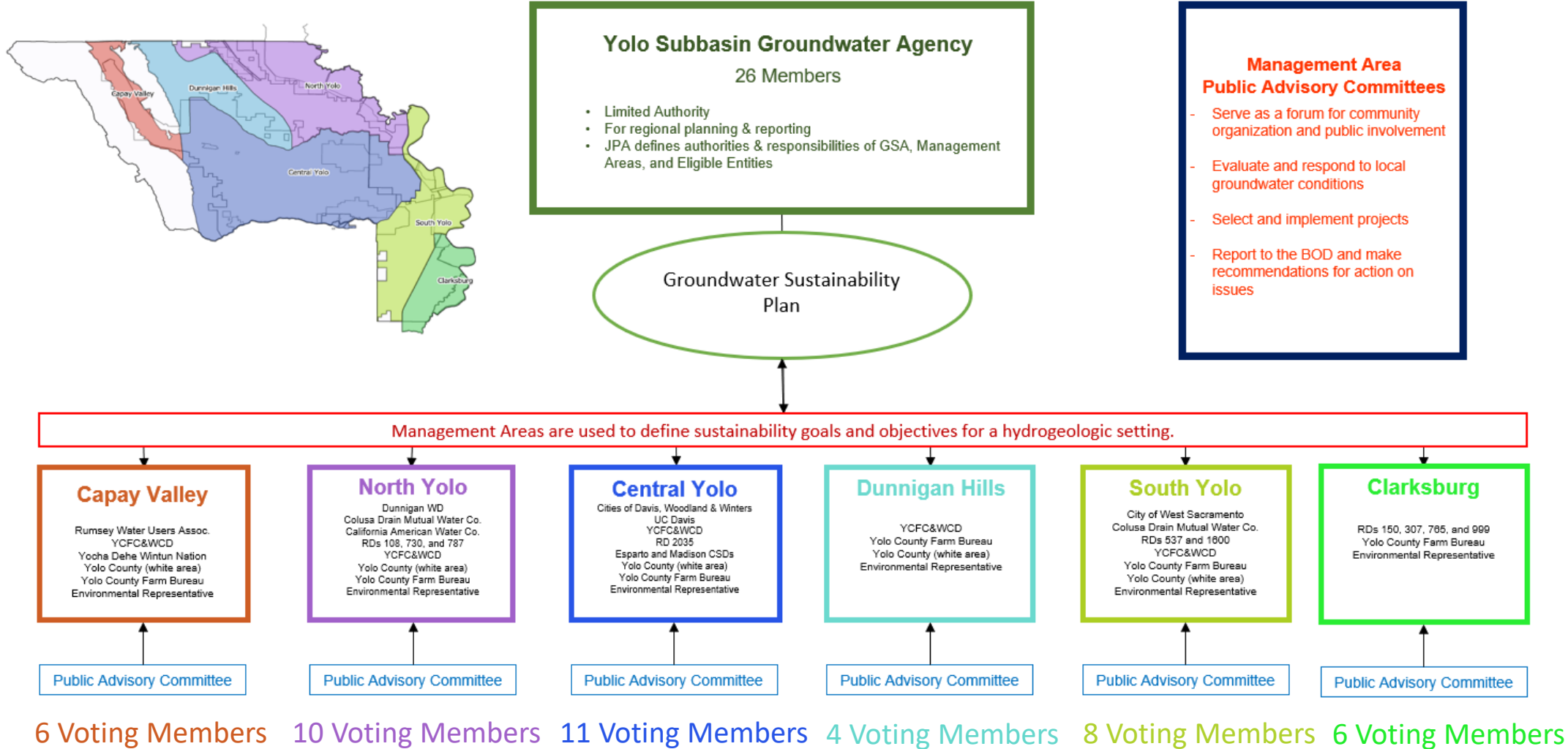


Management Area Public Advisory Committees

- Serve as a forum for community organization and public involvement
- Evaluate and respond to local groundwater conditions
- Select and implement projects
- Report to the BOD and make recommendations for action on issues

Initial Committee Membership Proposal: one voting seat per YSGA Member within boundary of, and impacting, specific MA

Draft – For internal discussion purposes only
June 17, 2022



Management Area Committees – Draft Outline

1. Roles and Responsibilities of Management Area Committees ([Article 8 of YSGA JPA](#))
 - a. Relationship to the YSGA Board of Directors, Working Group, Technical Advisory Committee, etc.
 - b. Forum for community organization and involvement
 - c. Evaluate and respond to local groundwater conditions – TAC professional opinion
 - i. Manage the area toward the measurable objective
 - ii. Response to local minimum threshold exceedances and other community concerns*
 - d. Select and implement projects
 - e. Areas of special concern?
2. Committee Membership
 - a. Equal representation of beneficial users
 - b. Annual selection by YSGA BOD/landowners in the Management Area?
 - c. Length of term/selection
3. Public involvement
4. Meeting logistics
 - a. How often will the committees meet?
 - b. One meeting with breakout rooms?

*Should evaluate local MT exceedances, but can also evaluate local effects that are not captured in MT and suggest change to monitoring network if needed

A background image of a field of sunflowers. The sunflowers are yellow with dark brown centers, and the image is slightly blurred and dimmed to allow text to be read.

Future Working Group Discussions

- Annexation of “Grey Areas”
- Role of Water Transfers



Wrap Up & Next Steps

A close-up photograph of a sunflower in a field. The sunflower is the central focus, with its bright yellow petals and dark brown seed head clearly visible. The background shows other sunflowers and green leaves, slightly out of focus. The overall lighting is soft, suggesting a late afternoon or early morning setting. The word "Adjourn" is written in a clean, white, sans-serif font across the middle of the image, positioned over the sunflower's head. A thin white horizontal line is drawn below the text.

Adjourn