

YCFC&WCD BOARD OF DIRECTORS

March 14, 2022



Y O L O C O U N T Y
FLOOD CONTROL &
WATER CONSERVATION
DISTRICT

Agenda Item #1

Open Forum

Guest introductions, unscheduled appearances and opportunity for public comment on non-agenda items

Agenda Item #2

Staff Presentation and Board Discussion

Board workshop to discuss District, mission, opportunities and long-term sustainability strategies



What are we hoping to accomplish today?

To better frame the issues involved with accomplishing the District's mission.

MISSION

*To plan, develop, and manage the **conjunctive use of the District's surface and groundwater resources** to provide a safe and reliable water supply at a reasonable cost, and to sustain the socioeconomic and environmental well-being of Yolo County.*

Objective

To develop a shared understanding of

- FY 22/23 Budget Development with Deficit Considerations
- Plan for Generating Additional Revenue in the Future
 - Development of LWA's Assessment
 - Implementation of LWA's Recommendation
- SGMA Implementation – Year 1
 - Current conditions and projected depth to water
 - Drought Mitigation (Short-Term)

FY 22/23 Budget Development



FY 22/23 Budget Scenarios

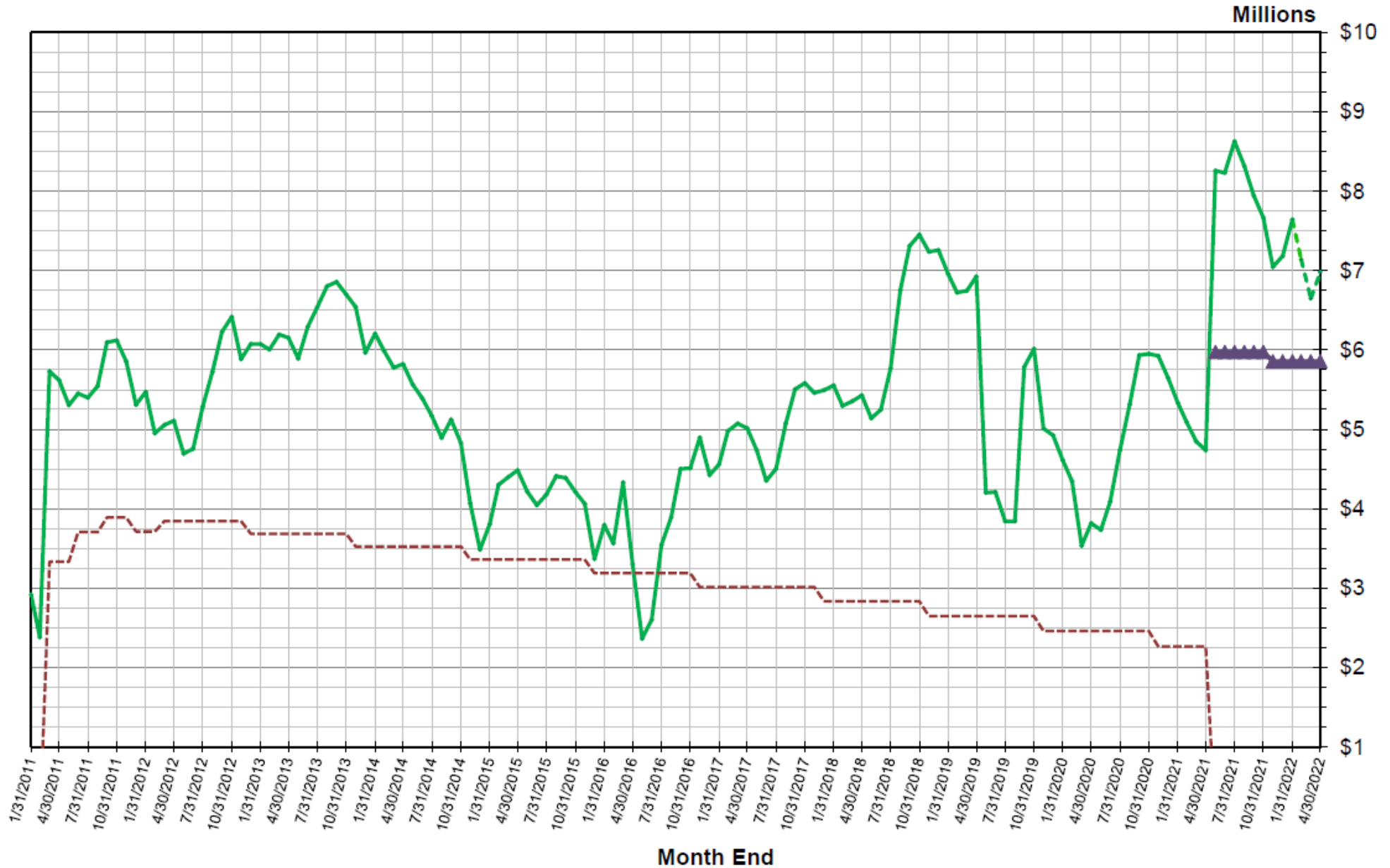
- Projected beginning cash and investments = \$6.97M
- No Water – expect \$3.9M budget deficit (if no expense cuts)

Ways to Close the Budget Deficit

- Reduce expenses
- Incorporate additional shared services
- Consider Infrastructure Funds Policy (\$3.61M)
 - Borrow or pay for/complete small capital jobs

Cash History

— Total Cash & Investments
 - - - Projected
 - - - SWRCB Loan Debt
 ▲ ZION BANK LOAN DEBT



FY 22/23 Anticipated Activities

- Shared Services – CSDs/Wild Wings CSA, CCC/RCD, City of Woodland, Yolo County, Solano RCD
- Private Jobs – farmers/landowners
- Regular Maintenance of Canal System / Wheeling Oversight
- GW Management – YSGA's GSP implementation, funding solicitations, groundwater measurements, drought coordination and dry well response
- IVR Regulatory Programs/Projects
 - Cybersecurity Compliance
 - FERC Part12D Projects
 - Spillway Condition Assessment
- Annual Water Right Reporting
 - Administration of M&I water customers
 - SB 88 / SBX7-7 Compliance

Infrastructure Funds (\$3.61M) - Policy

- Capital Improvement Prioritization Worksheet – optimal Projects will be selected for utilizing Infrastructure Funds
- “Dry Day Fund” – multiple drought years or emergency, exception to use funds on general District operations
 - If there is a plan to recover and repay these funds
- Leverage State/Federal Financing Opportunities – use funds as cost share

Plan for Generating Additional Revenue in the Future



Plan to Recover Infrastructure Funds & Stabilize District Finances

- Development of LWA
Assessment – Problem Statement



LWA Schedule – Phase 1

- Task 1.1
 - **Kickoff Meeting** to review goals, criteria, and parameters: 3/3
 - Research and beneficiary identification – end of March
 - **Meeting 2:** 3/14 or 3/28
 - **TM Prep – draft to District by 4/22**
- Task 1.2
 - Research options / coordinate with YSGA (3-4 weeks): 5/18 (1 Meeting)
 - Evaluate options and coordinate with District – end of May (1 Meeting)
 - **TM Update – draft to District by 6/17**
- Task 1.3
 - Develop recommendations / coordinate / develop preliminary recommendations (2 Meetings): 6/30
 - Meeting to review recommendations – end of June
 - **TM Update Final – draft to District by 7/15**

**** Schedule dependent on timeliness of coordination among all parties, expectations from District staff on the coordination element of work, and the information exchange process.**

Phase 2 Implementation

- Expected to take 6-8 months
- LWA's Scope of Work to be developed based on District supported recommended actions identified in Phase 1
 - In Phase 1, the Board will define the External Committee (members/roles, etc.) for assisting with the evaluation process
- In Phase 2, the Board will utilize the External Committee to evaluate the preferred alternative
 - Outreach and Public Engagement Campaign with the Community as a whole
- Direct Bill to Customers versus Property Tax Collection
 - Proposition 218/26 Considerations (Water Exemption does not require ballot proceeding) – increase current structure, maintenance fees, groundwater pumping charge, etc.
 - Secured Property Tax Roll Collection (for collection on FY 22/23 property tax bills needs to be completed by 8/2022) – standby/water availability charge or groundwater recharge assessment

**** Schedule dependent on timeliness of coordination among all parties, expectations from District staff on the coordination element of work, and the information exchange process.**

Draft Problem Statement

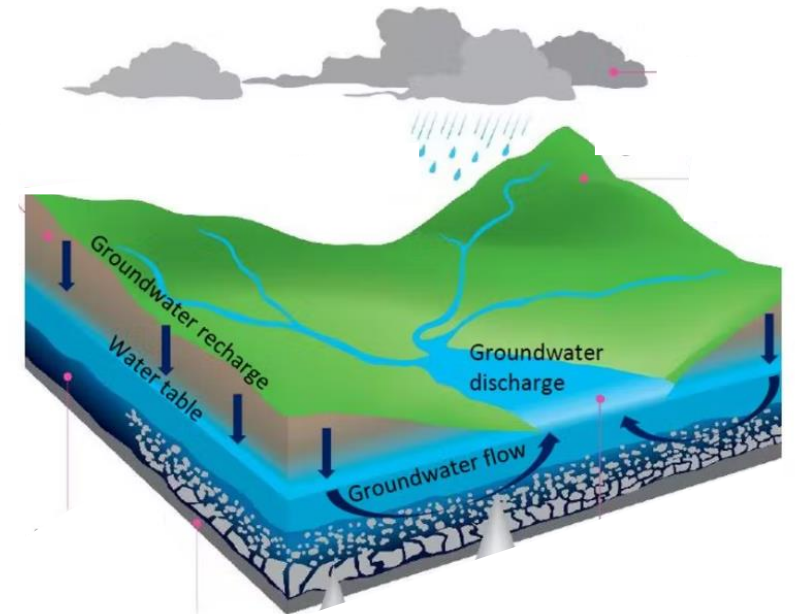
- **Goal: Maintain infrastructure and enhance the reliability of water for all and for future generations.**
- **Water Sales Volatility:** Overdependence on water sales/rates results in revenue volatility that is eroding our ability to effectively manage the water resources of the County for economic, social, and environmental benefits.
- **Capital Investment Reserves:** The overall revenue structure is not providing enough revenue for the needed capital investments – both to rebuild and maintain the legacy infrastructure and the new investments and infrastructure that will be needed to provide a reliable supply given the changing hydrology.
- **Groundwater:** The current water rate does not allow the District to capture the revenue associated with the District's present and future groundwater recharge activities. No revenue is generated by groundwater pumping activities.

Plan to Recover Infrastructure Funds & Stabilize District Finances

- Development of LWA Assessment – Problem Statement
- Development of LWA Assessment – Potential Recommendations
 - Proposition 218
 - Increase of Current Rate Fee
 - Maintenance Fee
 - Special Benefit Assessment (Property Tax Collection)
 - Standby/water availability charge
 - Groundwater recharge assessment
 - Proposition 26
 - Groundwater pumping charge (District Act limitation of \$2/AF)
 - Wheeling charge – “fair compensation”

Plan to Recover Infrastructure Funds & Stabilize District Finances

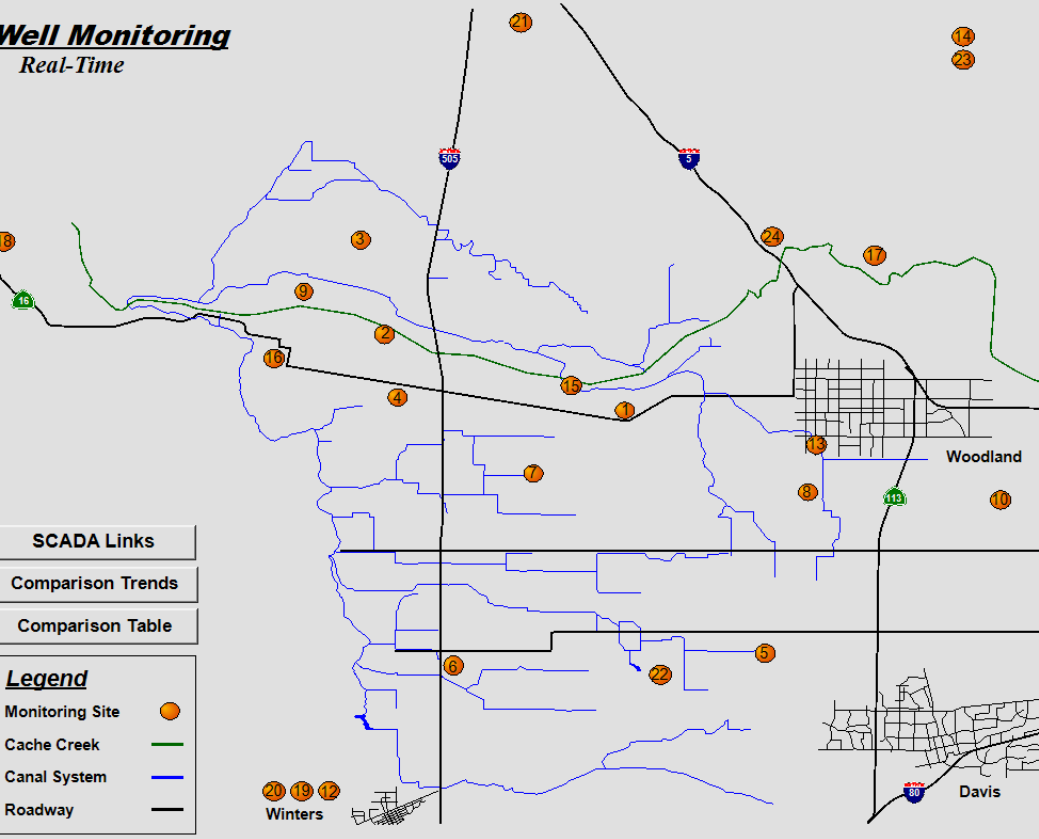
- Potential Obstacles in Implementing LWA's Recommendation by FY 23/24
 - Delay in schedule
 - Messaging and Outreach component
 - Finding the “sweet spot” – Willingness to pay / Current market
 - **Acknowledgement: Conjunctive Use District**
 - Natural inclination to resist change
 - Clear distinction between YSGA and District's groundwater assessment process (if that's selected)



Studio BKK/Shutterstock.

SGMA Implementation – Year 1

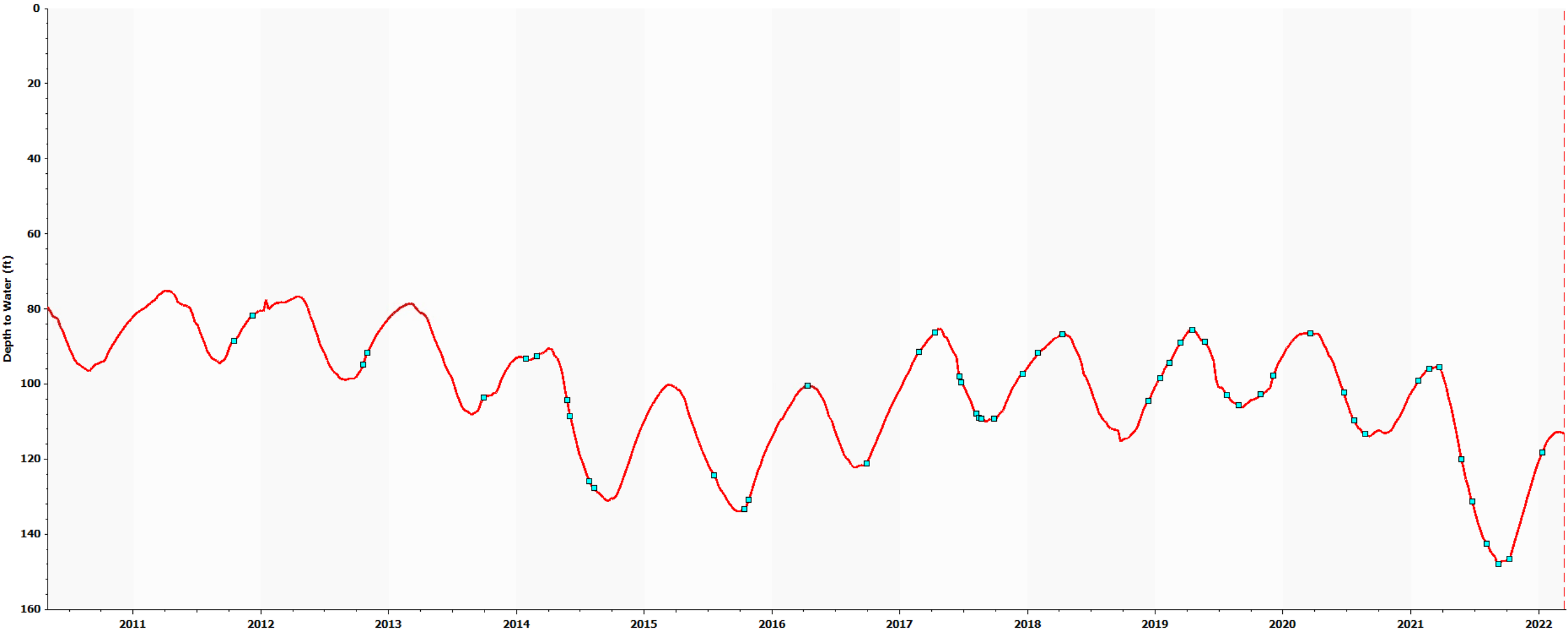




Well	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Δ 2021 - 2022	Δ 2015 - 2022
1.	82.3	77.9	78.9	78.9	94.4	101.3	104.2	91.0	89.8	90.9	86.9	96.1	113.4	-17.3	-12.1
2.	31.6	29.2	30.0	29.3	36.3	39.6	40.9	23.7	30.1	25.0	29.9	32.1	36.8	-4.8	2.7
3.		42.2	39.6	39.5	51.3	59.2	59.4	39.1	40.2	38.3	39.8	44.1	58.0	-14.0	1.1
4.		25.0	29.3	24.6	31.8	41.5	39.3	21.1	28.4	18.8	27.7	35.4	36.5	-1.1	5.0
5.		21.1	21.3	22.7	29.7	33.6	39.6	12.0	28.2	8.4	22.8	29.9	37.6	-7.7	-3.9
6.			41.2	34.2	42.7	50.9	54.0	25.8	36.2	20.2	36.0	43.0	53.8	-10.8	-2.9
7.					21.4	32.2	34.1	16.4	21.1	14.6	19.7	26.0	31.5	-5.5	.7
8.					49.9	60.0	63.2	47.3	42.4	37.6	37.9	46.6	64.1	-17.5	-4.1
9.					49.9	55.7	58.6	37.5	40.7	34.9	41.6	47.6	54.3	-6.7	1.4
10.						24.3	26.9	12.3	12.1	9.5	11.1	17.6	28.3	-10.7	-4.0
11.						11.1	12.7	5.4	8.8	5.6	9.3	12.7	14.0	-1.4	-2.9
12.										113.2	107.6	118.4	131.4	-13.1	
13.									53.2	48.0	48.9	59.0	73.0	-14.0	
14.										6.1	9.5	12.5	11.3	1.2	
15s.										34.2	36.9	45.9	43.9	2.0	
15d.										103.3	106.9	129.4	157.8	-28.4	
16.										26.1	36.7	37.4	45.4	-8.0	
17.											20.4	26.8	30.3	-3.5	
18.											35.8	37.2	46.5	-9.3	
19.											165.7	175.4	186.5	-11.2	
20.											199.3	199.1	199.1	.0	
21.											117.5	127.1	135.7	-8.6	
22.													63.5		
23.													40.4		
24.													60.7		

Groundwater Conditions

1. HQ Well Depth to Water



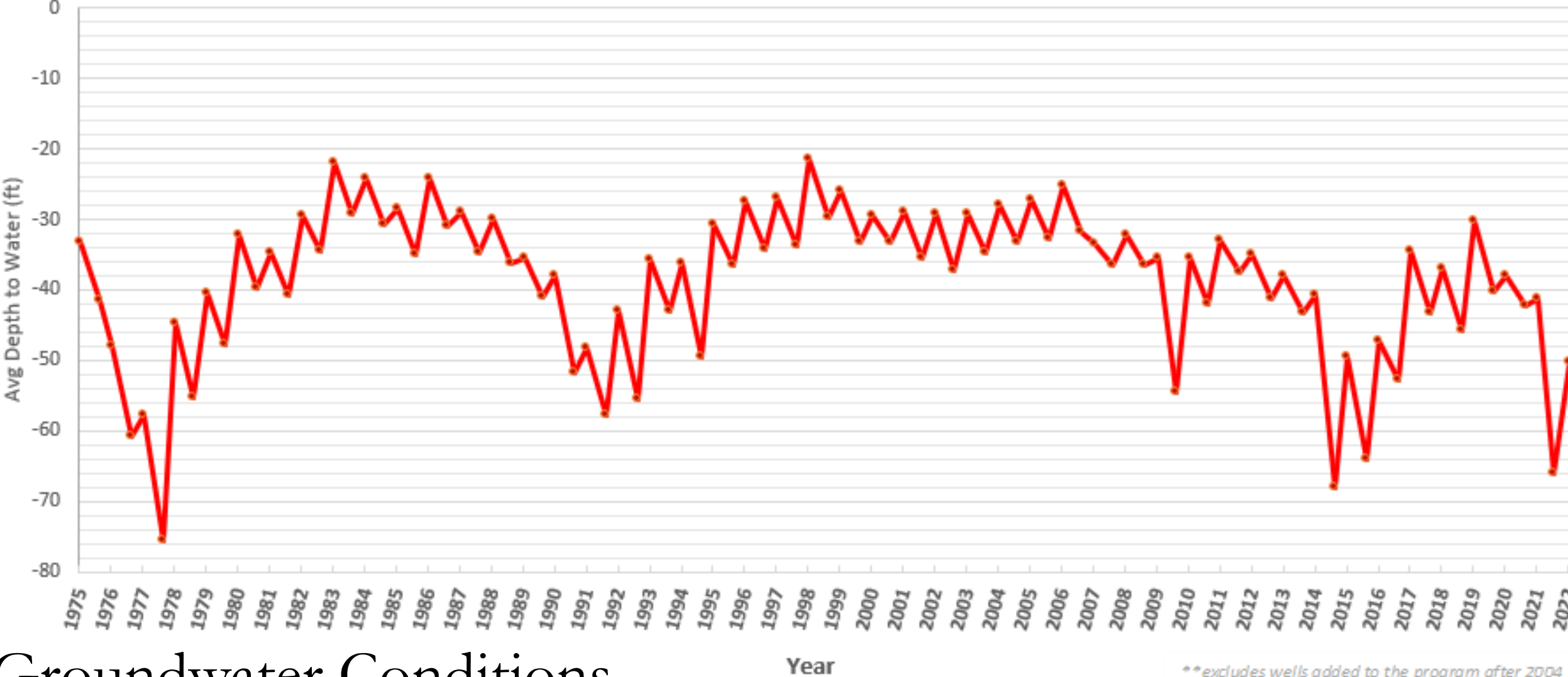
Trace

◆ HQ Well Depth to Water (Weekly Minimum)

Ruler Value

YCFCWCD Average Groundwater

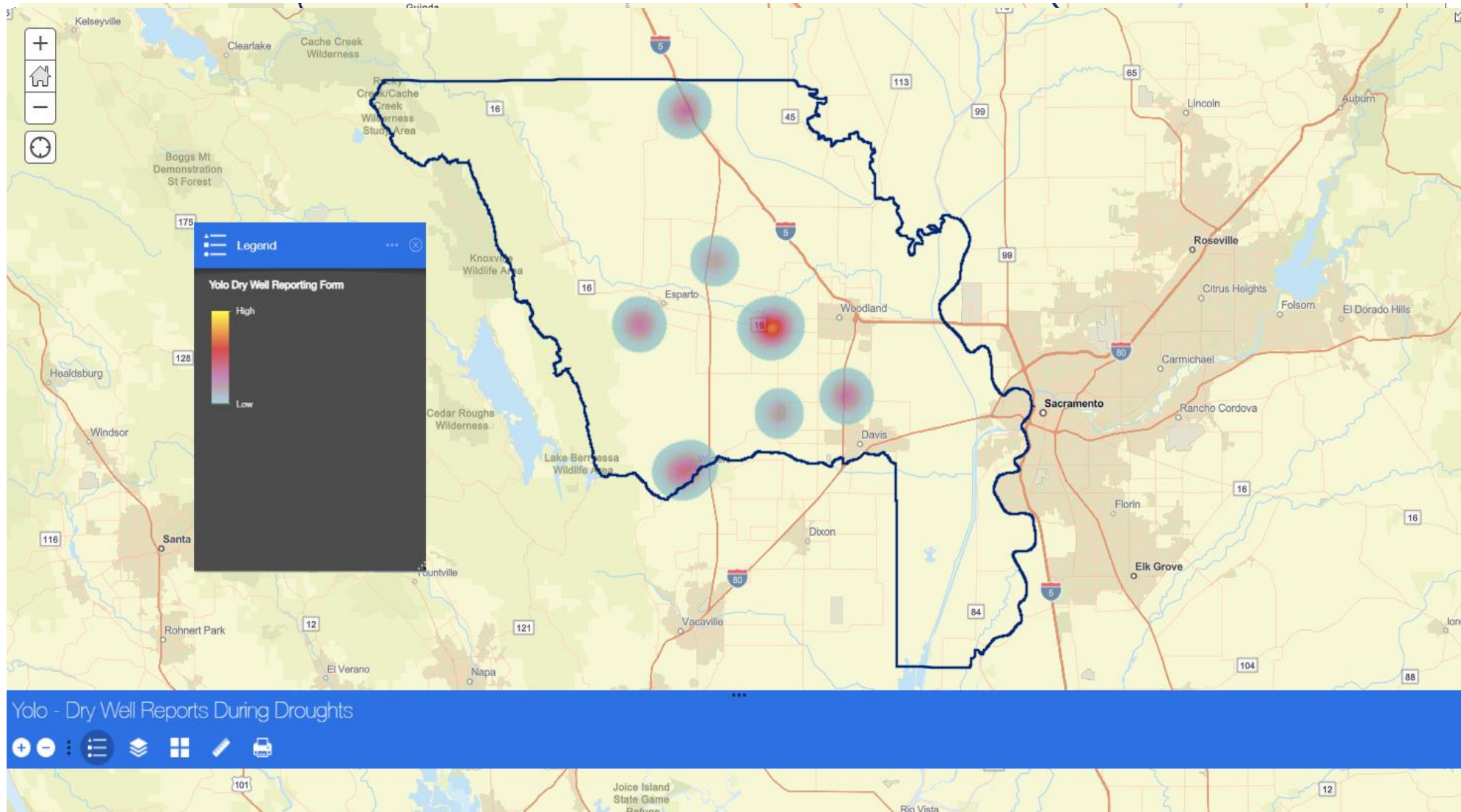
*Depth by Season (Spring 2022 is 131 wells)***



***excludes wells added to the program after 2004*

Groundwater Conditions

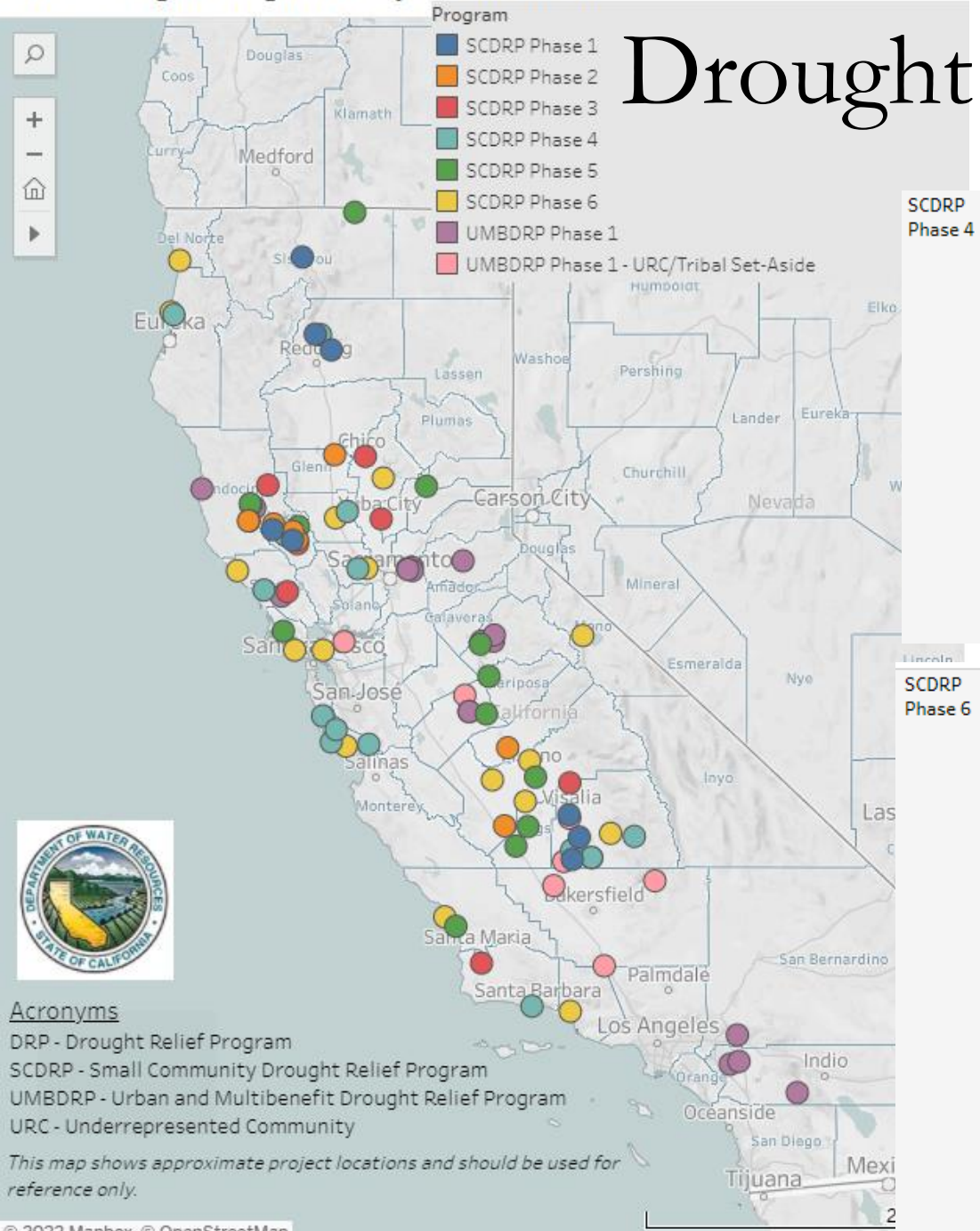
Yolo County Dry Well Reporting



Short-term Drought Mitigation

- SB 552 – Small Water Systems and Domestic Wells
 - WRA TC Drought Task Force
 - YSGA Drought Contingency Planning Committee
 - *Groundwater Communications Plan* – authority evaluation
 - Domestic Well Mitigation “Program” (Framework/Discussion)
- Political pressure to act this summer
- Annual report findings related to Minimum Thresholds

Drought Funding to Yolo County



SCDRP Phase 4

Westhaven Community Services District	Westhaven Well and Pipeline Replacement Proj..	Humboldt	\$4,120,833	\$4,120,833
San Mateo Resource Conservation District	Loma Mar Pipeline Replacement and Water Pla..	San Mateo	\$2,520,727	\$2,520,727
Davenport County Sanitation District	Davenport Water Storage Tank Project	Santa Cruz	\$3,604,135	\$3,604,135
Yolo County - Wild Wings County Service Area	Wild Wings New Well and Water System Rehab..	Yolo	\$3,800,000	\$3,800,000
Sweetwater Springs Water District	Sweetwater Springs Well Rehabilitation and W..	Sonoma	\$735,000	\$735,000
Smith Road Water Association	Smith Road Water System Improvement Project	Santa Cruz	\$283,838	\$283,838
San Lorenzo Valley Water District	San Lorenzo Valley Water System Consolidatio..	Santa Cruz	\$3,203,856	\$3,203,856
Ponderosa California Special District	Ponderosa Holby Water Tank Project	Tulare	\$101,462	\$101,462
Pixley Public Utility District	Pixley Well Rehabilitation and Pipeline Replac..	Tulare	\$1,896,677	\$1,896,677
La Cumbre Mutual Water Company	La Cumbre Well Replacement Project	Santa Barb..	\$1,200,710	\$1,200,710
Harbor View Mutual Water Company	Harbor View Water Storage Tank Replacement ..	Lake	\$1,886,553	\$1,886,553
Ducor Community Services District	Ducor North Tank Replacement Project	Tulare	\$1,092,500	\$1,092,500
County of Colusa	County of Colusa Bottled and Hauled Water Pro..	Colusa	\$718,750	\$718,750
Country Estates Mutual Water Company	Country Estates Mutual Water Company Haule..	Shasta	\$250,200	\$250,200
Total			\$25,415,241	\$25,415,241

SCDRP Phase 6

Yurok Tribe	Water system consolidation	Del Norte	\$12,670,507	\$12,670,507
Yolo County Office of Emergency Services	Water hauling	Yolo	\$559,500	\$559,500
Tranquility Irrigation District	New well	Fresno	\$1,243,400	\$1,243,400
Stinson Beach County Water District	New well and existing well rehabilitation	Marin	\$765,809	\$765,809
Springville Public Utilities District	Water treatment filter media replacement	Tulare	\$100,000	\$100,000
Riverdale Public Utility District	New well and existing well rehabilitation	Fresno	\$4,248,220	\$4,248,220
Redwood Valley County Water District	New well	Mendocino	\$1,810,000	\$1,810,000
Pinedale County Water District	Pipeline replacement	Fresno	\$2,208,420	\$2,208,420
Lundy Mutual Water Company	Water distribution system improvement	Mono	\$2,692,750	\$2,692,750
Los Osos Community Services District	New well and pipeline	San Luis Ob..	\$1,504,125	\$1,504,125
Konociti County Water District	Water system consolidation and interties	Lake	\$4,339,440	\$4,339,440
Kashia Band of Pomo Indians of the Stewart..	New well	Sonoma	\$1,500,000	\$1,500,000
County of Santa Cruz	Hauled water and water system improvements	Santa Cruz	\$113,200	\$113,200
City of Williams	New well and pipeline replacement	Colusa	\$5,258,000	\$5,258,000
City of Trinidad	Water storage tanks and pipeline replacement	Humboldt	\$5,079,090	\$5,079,090
Casitas Mutual Water Company	Water system intertie	Ventura	\$980,200	\$980,200
California Indian Environmental Alliance (for..	Water storage tanks and backup source connec..	Mendocino	\$3,211,730	\$3,211,730
Butte County Office of Emergency Managem..	Water hauling	Butte	\$1,167,300	\$1,167,300
Total			\$49,451,691	\$49,451,691



Acronyms
 DRP - Drought Relief Program
 SCDRP - Small Community Drought Relief Program
 UMBDRP - Urban and Multibenefit Drought Relief Program
 URC - Underrepresented Community

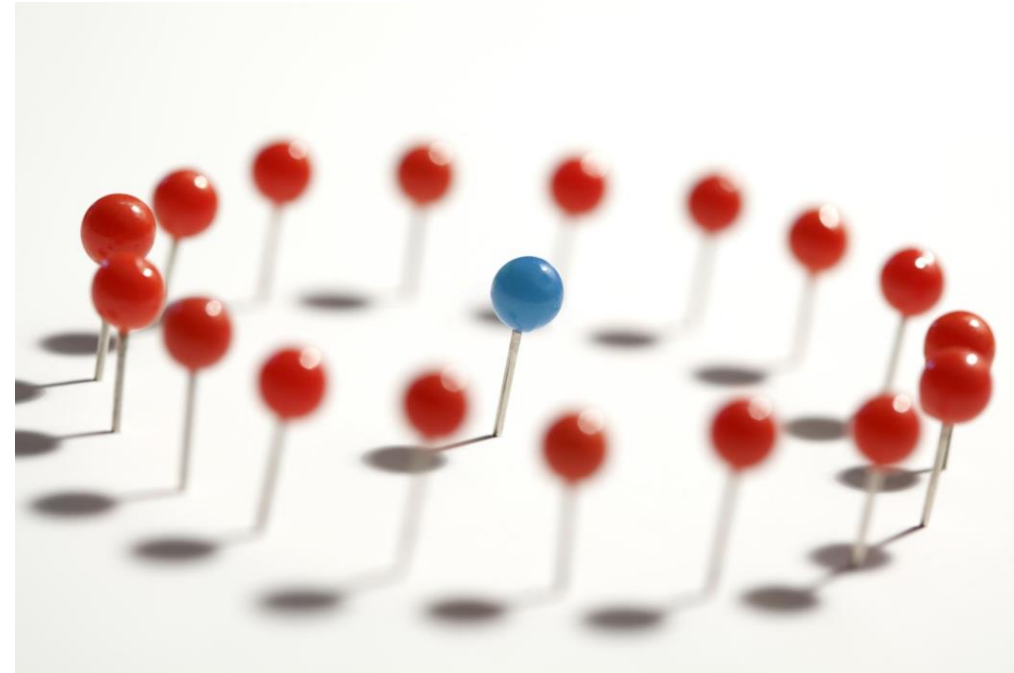
This map shows approximate project locations and should be used for reference only.

GSP Implementation: Year 1 of 20

- YSGA Management Area – Advisory Committees
 - Hungry Hollow Area and North Yolo MA
 - *Special Projects Advisor*
 - Review of MT/MO summaries
 - Project implementation
- Prepare for DWR’s Implementation Solicitation (& other groundwater funding)
 - 3/21 YSGA BOD: Proposal to allocate funding to each MA for Feasibility Analyses
 - 6/20 YSGA BOD: Proposal to hire consultant to assist with Prioritization Process and prepare Funding Strategies for top 10 projects

District's Leadership Role

- Staffing the YSGA
 - Institutional Knowledge – educating the public
 - Maintaining momentum
 - Sustaining groundwater monitoring programs (levels, quality, subsidence)
- Problem Solving with Stakeholders
 - Third-party facilitator
 - Helping find common ground
 - Creatively thinking through the problem



Agenda Item #3

Adjourn