

YCFC&WCD BOARD OF DIRECTORS

May 3, 2022



YOLO COUNTY
FLOOD CONTROL &
WATER CONSERVATION
DISTRICT

Agenda Item #1

Adoption of the
April 5, 2022 Regular Board Meeting
Minutes

Agenda Item #2

Open Forum

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

Agenda Item #3

Adding Items to the
Posted Agenda

Agenda Item #4

Adoption of the FY 2022/2023
District Budget

Budget for Fiscal Year 2022-2023

- Fiscal Year is May 1, 2022 to April 30, 2023
- Finance Committee Meetings: January 19, February 23, and April 28
- Thank you to Barb and Staff
- Uses Rate Schedule Adopted in May 2015
- Board Consideration for Adoption on May 3, 2022

Purpose of the Budget?

- Planning Document
- Financial Control Document

2021-2022

Operating Budget Year in Review

- Budgeted Revenues \$3.70 M
- Budgeted Expenses \$6.70 M
- Budgeted Gain (Loss) (\$3.00 M)

- Actual Revenues (Forecast) \$4.30 M
- Actual Expenses (Forecast) \$6.40 M
- Actual Gain (Loss) (\$2.10 M)

- Actual Cash Available (5/1/2021) \$4.73 M
- Estimated Cash Available (5/1/2022) \$7.20 M

Other Sources of Funds

- Zion Bancorp Loan Proceeds (Infrastructure Funds) \$3.61 M
- COVID-19 Relief Funds from State \$0.54 M

2022-2023 Proposed Operating Budget

- Budgeted Revenues \$2.79 M
- Budgeted Expenses \$5.86 M
- Gain (Shortfall) (\$3.07 M)

- Estimated Cash Available (5/1/22) \$7.20 M
- Estimated Cash Remaining (5/1/23) \$4.12 M

- End of FY 2023
 - Long-term Debt (18-years remaining) ~\$5.61 M

2022-2023 Special Items of Note

i. Key Revenue Drivers

- i. Ag Water Sales (\$0.08 M)
- ii. Non-Ag Water Sales (\$0.33 M)
- iii. YSGA Contract (\$0.275 M)
- iv. Hydroelectric Power Production (\$0 M)
- v. Property Tax Revenue (\$1.57 M)

ii. Labor and Benefits

- 1. No General Increase (No furlough)
- 2. Health Benefits (Calculated at current rate)
- 3. Personnel Changes (Less staff relative to FY 21/22)

iii. Additional Expenses Reduced relative to FY 21/22

- i. IVR Recreation
- ii. Flow meters
- iii. Shop Expenses
- iv. FloodSAFE Yolo 2.0
- v. Annexation
- vi. Mobile Trailer

2022-2023 Special Items of Note (cont.)

- iv. SGMA (GSP Implementation) – reduced District contribution
- v. Shared Services
- vi. Capital Projects

Other Items for Consideration

- Investigating opportunities for shared services
- Grant funding solicitations
- Drought emergency funding
- Discretionary vs. Non-Discretionary expenses

FY 2022-23 Capital Budget

• Budget (Depreciation)	\$ 1,155,300
• Budget (Long-term Interest)	<u>\$ 131,015</u>
Total:	\$ 1,286,315
• Loan Financing (debt repayment)	\$ (242,060)

To Be Considered Depending on Budget:

- Other Capital Projects
- Non-Capital Initiatives

Agenda Item #5

Directors' Reports

Report on Meetings and Conferences Attended During the Prior Month on Behalf of the District

- i. YCFC&WCD Finance Committee Meeting
- ii. YCFC&WCD Winter Water Rights Committee Meeting with Pacific Institute – Collaboration Opportunity
- iii. NCWA Board of Directors Meeting / Water Coordination and Bay-Delta Task Force Meetings
- iv. YSGA Special Board Meeting / Ad Hoc Committee Meetings: Drought Planning Contingency and Reconsideration of Voting and Dues
- v. ACWA JPIA Conference

Agenda Item #6

Attorney's Reports

Report on Legal Matters of Concern to the District

AB 2201

- Grants GSAs permitting authority (and authority to levy fees accordingly)
- Process must consider consistency with GSP
- DWR to provide technical assistance
- Requires DWR to review effectiveness of GSA's permitting program
- Requires GSA to include number, location, and volume of permits issued in annual report

Agenda Item #7

General Manager's Report

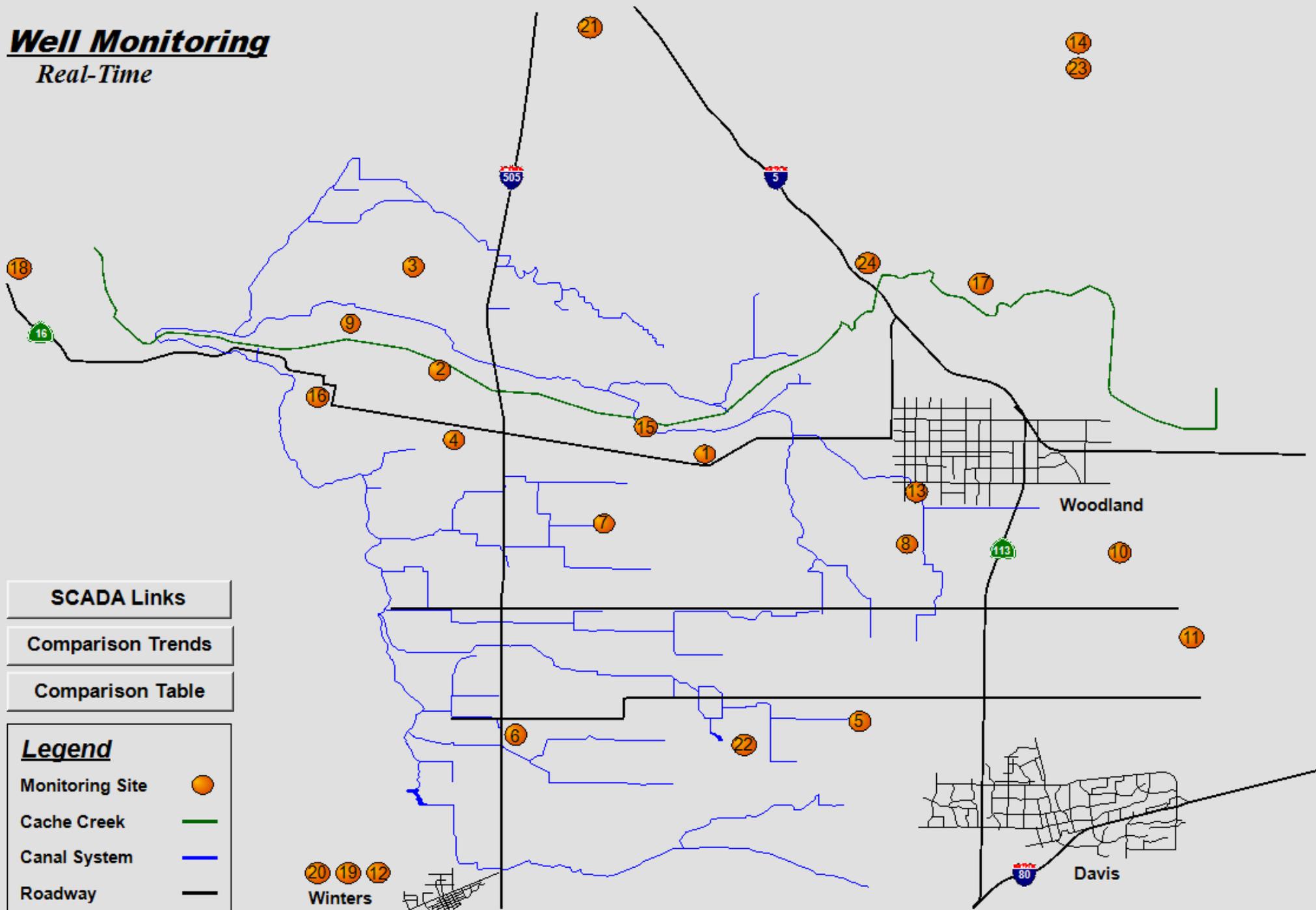
- **Water Conditions Report**
- **Financial Report Summary**
- **Capital Improvement Program**
- **General Activities**
- **YSGA Update**
- **Upcoming Events**

Current Water Conditions (05-03-22)

	<u>Elevation</u>	<u>Available</u>	<u>2021</u>
Clear Lake			
• May 3	0.30'	0 AF	0.85' (0 AF)
• April 3	0.39'	0 AF	
• Total Loss	-0.09'	0 AF	
Indian Valley Reservoir			
• May 3	1,394.37'	50,720 AF	1,403.71' (64,830 AF)
• April 3	1,393.34'	49,340 AF	
• Total Gain	1.03'	1,380 AF	

Well Monitoring

Real-Time



SCADA Links

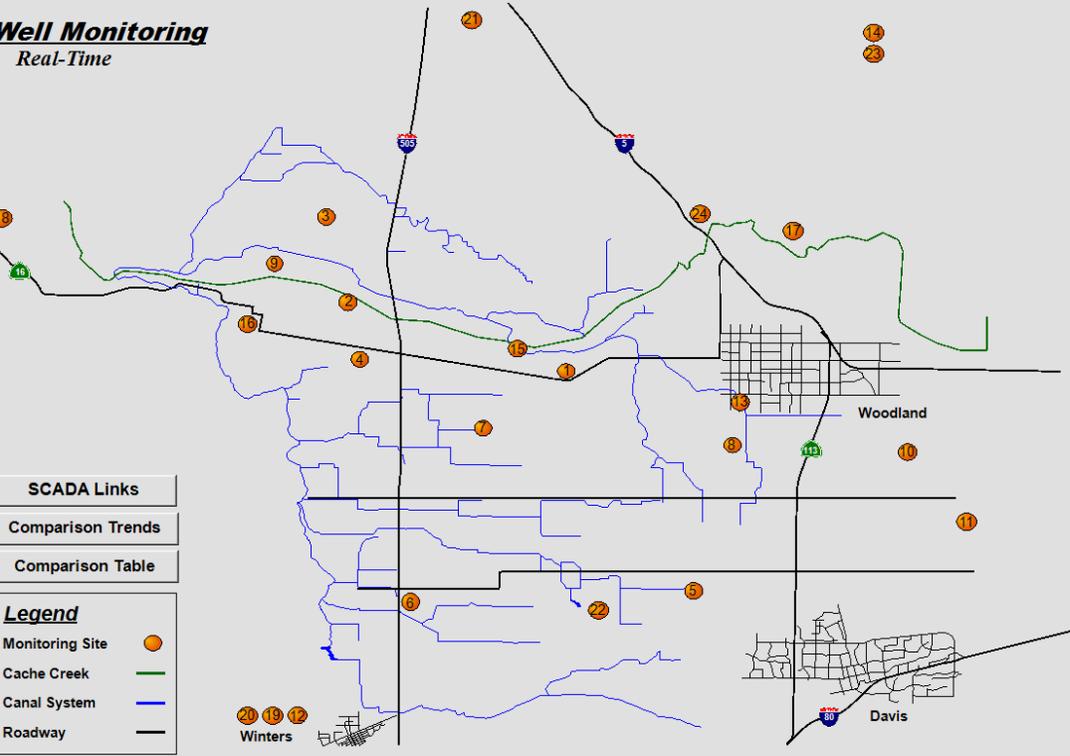
Comparison Trends

Comparison Table

Legend

- Monitoring Site 
- Cache Creek 
- Canal System 
- Roadway 

20 19 12
Winters



SCADA Links

Comparison Trends

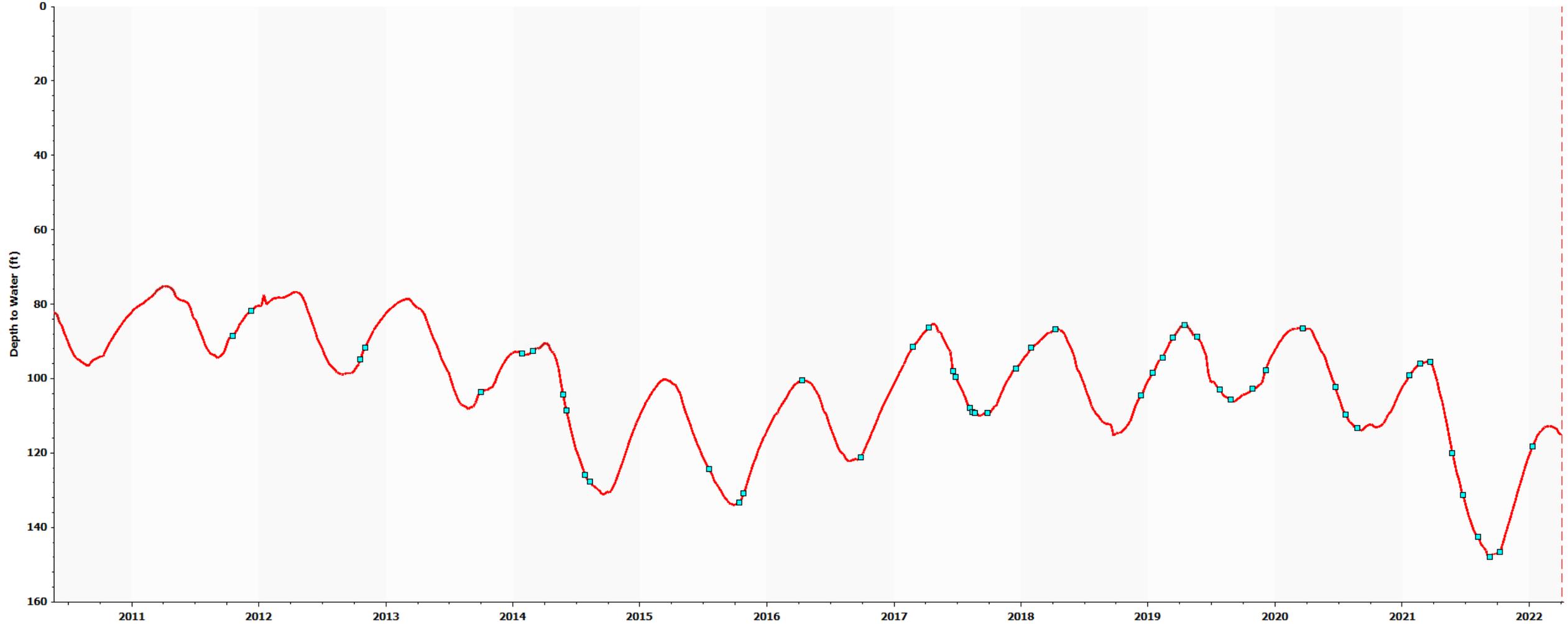
Comparison Table

Legend

- Monitoring Site (Orange circle)
- Cache Creek (Green line)
- Canal System (Blue line)
- Roadway (Black line)

Well	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Δ 2021 - 2022	Δ 2015 - 2022	
1.	79.9	77.7	77.5	86.4	94.1	106.7	101.5	85.9	87.6	87.7	90.7	109.8	121.2	-11.4	-14.5	
2.	29.9	40.2	42.4	41.9	48.8	43.8	42.1	24.3	30.6	25.4	30.6	34.9	40.6	-5.7	3.3	
3.		39.1	39.6	42.4	52.4	66.0	56.9	36.0	40.4	36.2	41.4	50.5	67.6	-17.1	-1.5	
4.		29.2	26.5	45.8	41.9	47.4	39.3	25.9	29.8	25.5	37.1	47.7	47.6	.1	-2	
5.		14.8	22.8	18.7	29.4	35.0	37.9	18.5	28.2	14.1	21.7	32.1	41.2	-9.1	-6.2	
6.			37.4	47.8	67.6	72.7	66.6	28.7	42.2	33.3	42.1	59.9	67.5	-7.6	5.3	
7.					22.3	40.2	30.6	15.5	19.8	15.2	19.9	37.4	40.6	-3.2	-4	
8.					65.6	80.5	74.1	45.5	46.7	41.0	51.3	71.0	74.3	-3.3	6.2	
9.					52.5	62.1	53.7	34.3	40.2	35.6	41.3	48.6	58.9	-10.3	3.2	
10.						52.8	45.4	11.6	19.9	14.2	41.5	71.2	47.2	24.0	5.6	
11.						19.3	14.7	5.6	8.9	6.8	15.6	22.8	18.0	4.8	1.2	
12.											110.0	110.9	127.7	138.5	-10.9	
13.									59.6	58.3	74.0	137.5	131.4	6.1		
14.										8.2	10.1	11.5	10.4	.0		
15s.										32.4	36.5	48.4	44.9	3.5		
15d.										106.6	137.8	176.2	185.3	-9.1		
16.										29.3	38.5	44.7	48.5	-3.8		
17.											21.7	29.2	32.4	-3.2		
18.											42.9	59.2	52.6	6.6		
19.											166.9	179.5	189.7	-10.2		
20.											199.3	199.4	199.1	.3		
21.											119.3	130.4	138.1	-7.7		
22.													85.2			
23.													47.4			
24.													72.0			

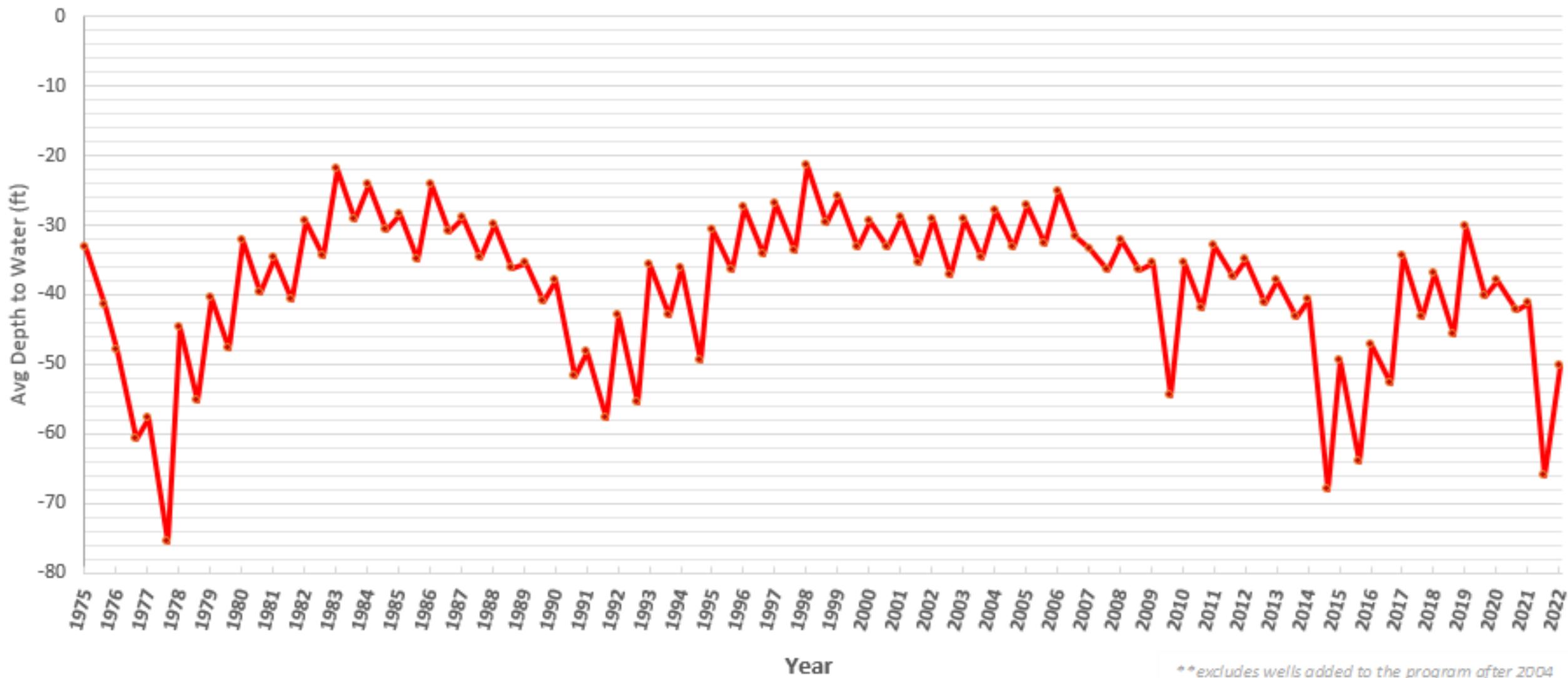
1. HQ Well Depth to Water



Depth to Water
4/3/22 : 115.4 feet
5/3/22: 121.2 feet
 Δ -6 feet

YCFCWCD Average Groundwater

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



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

Preliminary Financial Report

Highlights as of April 30, 2022

Preliminary Budget Summary as of 04/30/2022

Key Revenue Drivers	Year-to-Date	Budget	Difference
Agricultural Water Sales	\$1,219,700	\$1,192,200	\$27,500
Non-Agricultural (M&I) Water Sales	\$340,200	\$306,700	\$33,500
Property Taxes	\$972,600	\$1,631,000	(\$658,400)
IV Dam Hydro (less fees)	\$39,400	\$50,000	(\$10,600)
Other Revenue	\$1,187,300	\$519,900	\$667,400
<i>Grant Revenue – Yolo Subbasin GSP Grant</i>	<i>\$85,500</i>	<i>\$106,000</i>	<i>(\$20,500)</i>
<i>YSGA & FloodSAFE Yolo Reimbursements</i>	<i>\$216,300</i>	<i>\$277,000</i>	<i>(\$60,700)</i>
<i>Interest</i>	<i>\$23,000</i>	<i>\$10,000</i>	<i>\$13,000</i>
<i>Other (includes COVID-19 Relief)</i>	<i>\$862,500</i>	<i>\$126,900</i>	<i>\$735,600</i>
TOTAL REVENUE	\$3,759,200	\$3,699,800	\$59,400

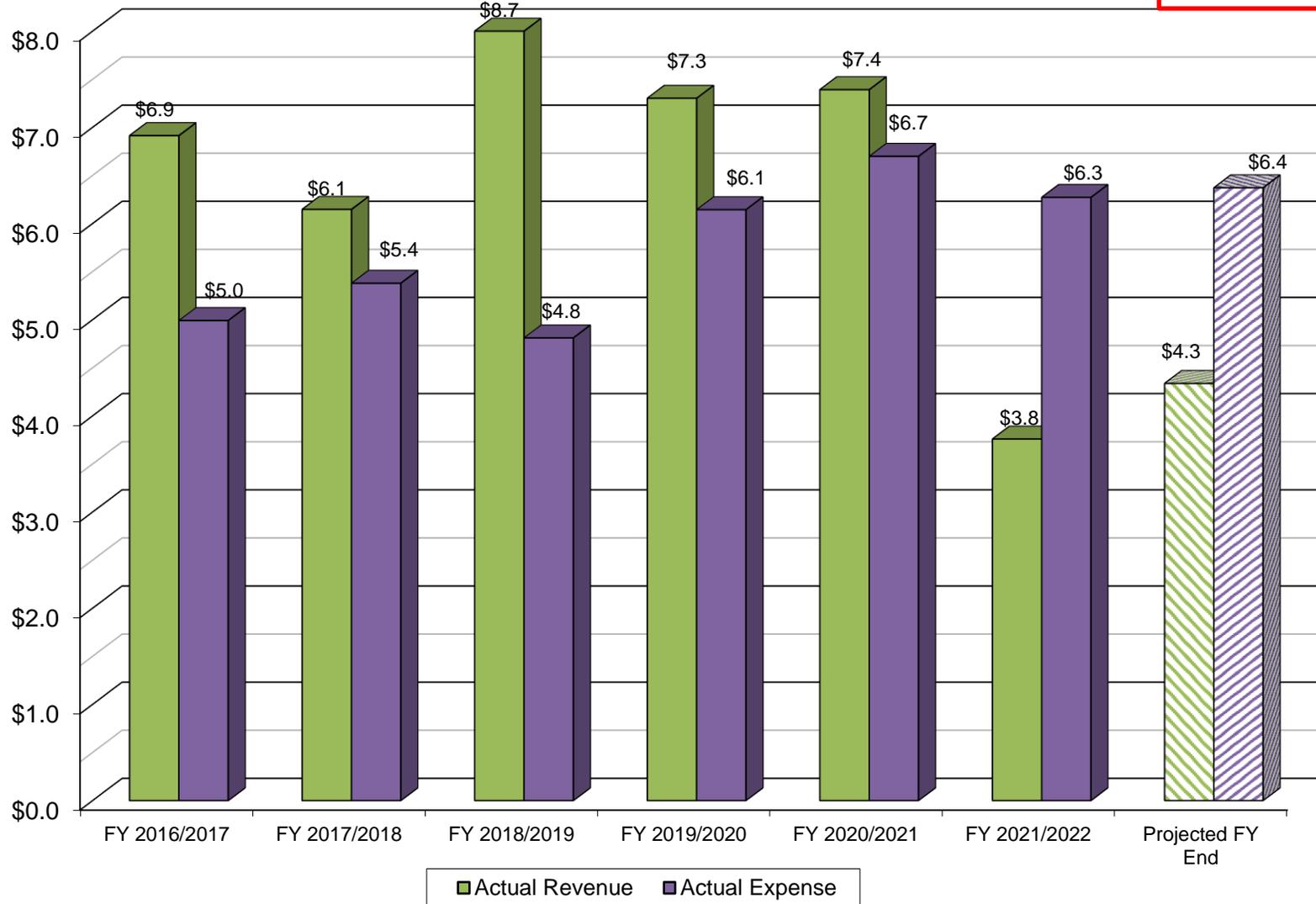
Key Expense Drivers	Year-to-Date	Budget	Difference
Transmission and Distribution (O&M)	\$927,500	\$1,164,100	(\$236,600)
General Administration	\$2,423,400	\$2,650,700	(\$227,300)
Other Expenses	\$2,920,500	\$2,884,400	\$36,100
TOTAL EXPENSES	\$6,271,400	\$6,699,200	(\$427,800)

Preliminary Financial Report

Comparison of Actual Revenue vs. Actual Expense

Original Budget
\$3.7 / \$6.7

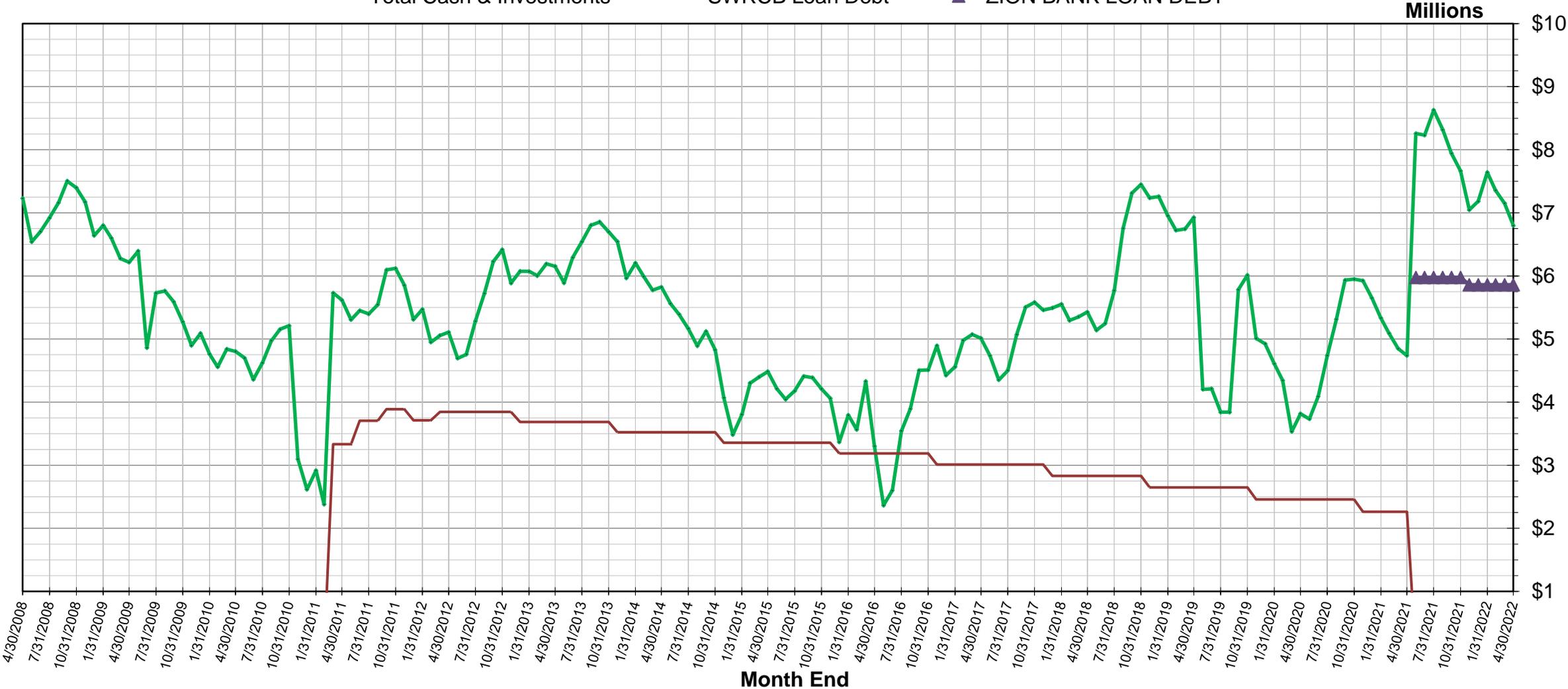
Millions



Preliminary Financial Report

Preliminary Cash History (to date)

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



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 on 4/25**
- 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.**

Capital Improvement Program

Planning for Capital Jobs

Capay Dam Alternatives Assessment

- Reliable, cost-effective solution with same operational flexibility
- Proposals for Replacement Alternatives Analysis (2/3 received)
- Quotes from HTE Engineering and Obermeyer for Cost of Installation of Replacement Bladder
- Reviewed Proposals with Infrastructure Committee on 3/30

FY 22/23 Planning Activities Related to Large Capital Jobs

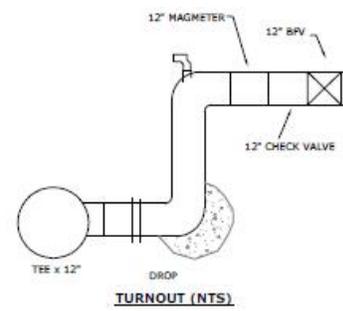
Hungry Hollow Canal – Pipeline Extension Project



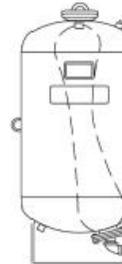
Discussion of FY 22/23 Planning Activities Related to Large Capital Jobs

- Indian Valley Reservoir – 60” Hollow-Jet Valve Rebuild: ~\$200k
- FERC Part12D Recommendations
 - Photogrammetric Topo Survey of Eastern Ravine: ~\$30k
 - Potential Failure Mode Analysis Investigations: ~\$100k
 - Spillway Repair Project: ~\$300k (FY 23/24)
 - Dam Seepage Monitoring: ~\$500k (FY 23/24, maybe pushback)
 - Penstock and Spillway Gates Recoating Project: ~\$800k (FY 24/25)

Update on Hungry Hollow Canal Pipeline Extension Project

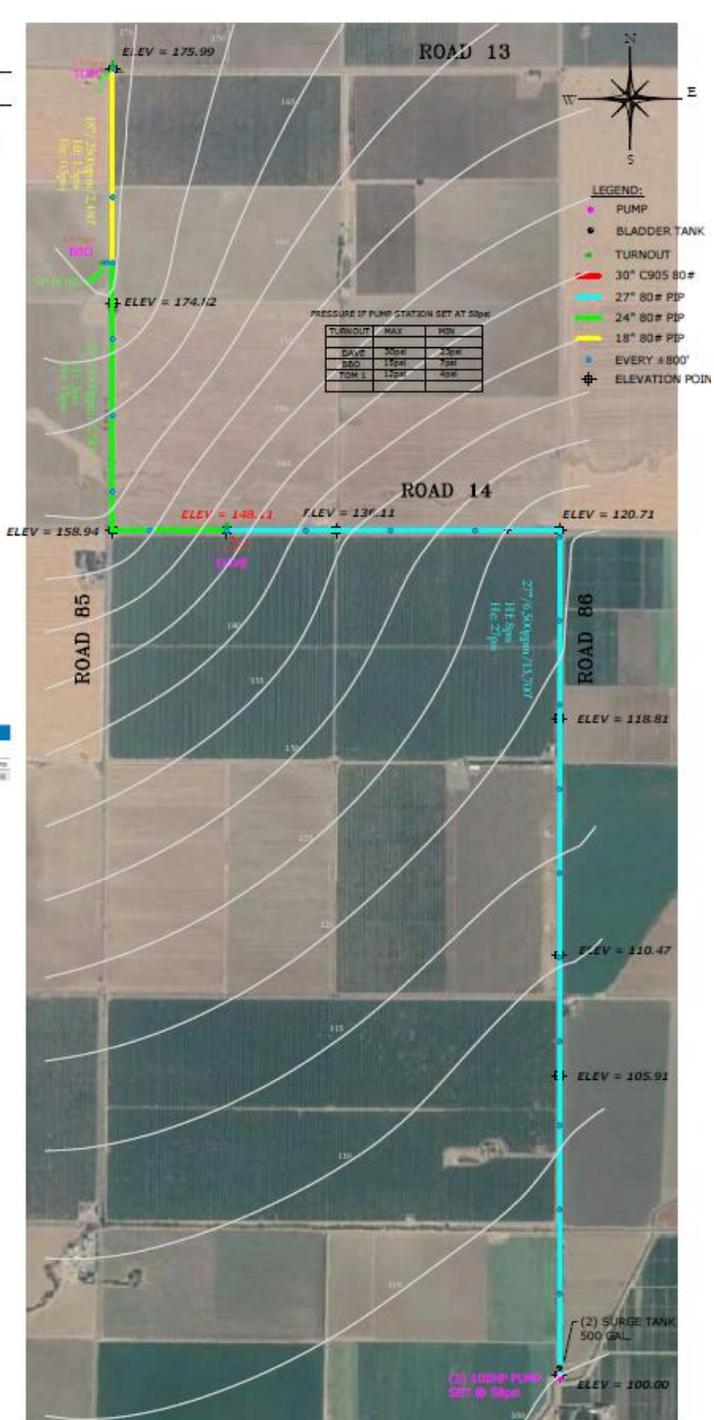
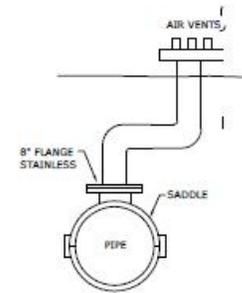
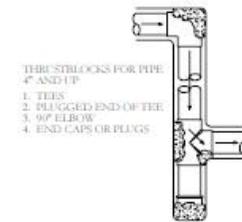


BLADDER TANK



ASME Full Acceptance Bladder Series Specifications

Model	TPA (Pounds)	Max. Allowable Working Pressure (PSI)	Max. Working Pressure (PSI)	Max. Working Temperature (°F)
BLADDER	500	80	80	120
	1000	160	160	120
	1500	240	240	120
	2000	320	320	120



General Activities (April 5-May 3)

PROJECTS:

- **Employee Performance Evaluation Process**
- **LWA Assessment of Long-Term Funding Opportunities**
- **Budget Planning – shared services opportunities, discretionary expenses**
- **Capital Projects – assessment of small infrastructure projects and USBR WaterSMART Grant**
- **Maintenance on Canal System and Various Private Jobs**
- **YSGA – Well Permitting Procedures, GSP Grant Management; Groundwater Monitoring Program Improvements; Annual Reports; Grant Opportunities; Neighboring Subbasin Coordination; Grey Area Projects and Outreach**
- **Drought Assistance – Dry well checks (Contract with Yolo County OES)**
- **Voluntary Agreement Process/Dry Year Scenario Planning**
- **Water Contract Amendment Templates – CLOCWD and Golden State Water Co.**
- **Grant Opportunities – Review of Solicitation Packages**
- **IVR Cybersecurity Program**
- **Weed Management (MERCOSA, NDM and Wild Wings CSAs, Madison and Knights Landing CSDs)**
- **Wild Wings CSA and Madison/Knights Landing/Cacheville CSDs Groundwater Assistance and Drought Contingency Planning**
- **Encroachment Permits, Easement Research, Misc. Water Rights Investigations**

General Activities (April 5 – May 3)

OUTREACH:

1. YSGA Board of Directors Special Meeting (April 6)
2. Drought Coordination with County Staff (April 7)
3. Water Education Foundation's Groundwater Tour (April 7)
4. YSGA: Hungry Hollow Area Community – Groundwater Subcommittee Meeting (April 7)
5. Sacramento Valley Discussion with DWR on Executive Order (April 7)
6. Yolo County BOS Meeting: Drought Update (April 12)
7. NCWA Coordination Task Force Meetings (April 12 and 26)
8. YSGA Ad Hoc Drought Contingency Planning Committee Meetings (April 13, 20, and 29)
9. YSGA / Yolo County Coordination on *Groundwater Communications Plan* (April 13)
10. DWR Webinar and Meeting to Discuss Drought E.O. Implementation (April 13 and 28)
11. Meeting with EBMUD to Explore Shared Services Opportunity (April 14)
12. WRA TC Ad Hoc Drought Task Force Meeting (April 14)
13. YSGA Coordination Meeting with Eaton (April 15)
14. WRA/YSGA Executive Committees Meetings (April 18)
15. Meeting with Pacific Institute to Discuss Collaboration Opportunity (April 19)
16. City of Winters Council Meeting (April 19)
17. YSGA / County / Solano GSA / Colusa GA Coordination Meetings Regarding Well Permitting (April 19 and 21)
18. Yolo County Climate Compact Meeting (April 22)
19. DWR's Media Event on AEM Surveys (April 25)
20. YSGA / Farm Bureau Coordination on Vision for MA Advisory Committees (April 27)
21. YSGA Ad Hoc Committee to Reconsider Voting and Fees (April 28)
22. County / Farm Bureau Coordination Meeting (May 2)
23. ACWA Groundwater and Water Management Committees (May 3)

YSGA UPDATE

YSGA 2022 Q2 Activities

- Submitted Annual Reports for 2018-2021
- YSGA Special Board Meetings to Consider Well Permitting Procedures (4/6 and 5/6)
- GSP Implementation – *Special Projects Advisor*
 - Management Area Advisory Committees
 - Reconsideration of Voting and Fees (Ad Hoc Committee Meeting on 4/28 / next meeting end of May)
 - WRA Merger into YSGA
- Ad Hoc Drought Contingency Planning Committee Meeting (4/13, 4/20, and 4/29)
 - Local planning strategies; MA for drought conditions; coordination with Yolo County (well permitting procedures)
- WRA TC Ad Hoc Drought Task Force Meetings (SB 552: Drought/Water Shortage Planning)
- Hungry Hollow Area Community – Subcommittee Meeting on 4/7 and planning “town hall” meeting in June
- FY 2021 Audit Preparation
- WRA/YSGA Board Meeting on 6/20

DWR's Information Sheet on Drought E.O. N-7-22

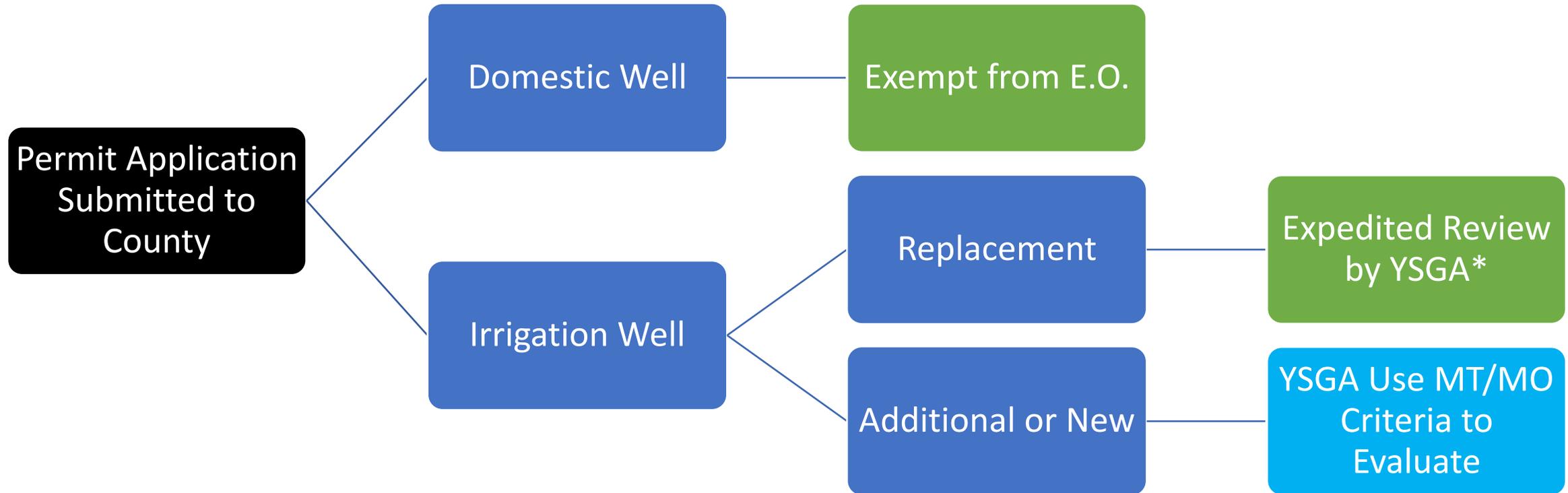
Local well permitting agencies retain existing well permitting authorities, including reviewing and administering well permits. Under the Executive Order Action 9, local well permitting agencies must take the following steps during the well permitting process for wells intending to extract groundwater:



1. Consultation with the GSA – If the proposed well would be in a high or medium priority groundwater basin, the well permitting agency must consult with the GSA and receive written verification from the GSA that the proposed well location is generally consistent (not inconsistent) with the applicable GSP and will not decrease the likelihood of achieving the sustainability goals that the GSAs have developed under SGMA.
2. Permit Evaluation – For every well permit application, the local well permitting agency must determine before issuing a well permit that extraction of groundwater from the proposed well is not likely to interfere with the production and functioning of existing nearby wells and is not likely to cause subsidence that would adversely impact or damage nearby infrastructure.

These requirements do not apply to wells that pump less than 2 acre-feet per year (de minimus users) and wells that exclusively provide groundwater to public water supply systems as defined in [section 116275](#) of the Health and Safety Code.

Potential Process to Evaluate Whether YSGA Written Verification is Necessary



*In-kind replacement with no increase in capacity

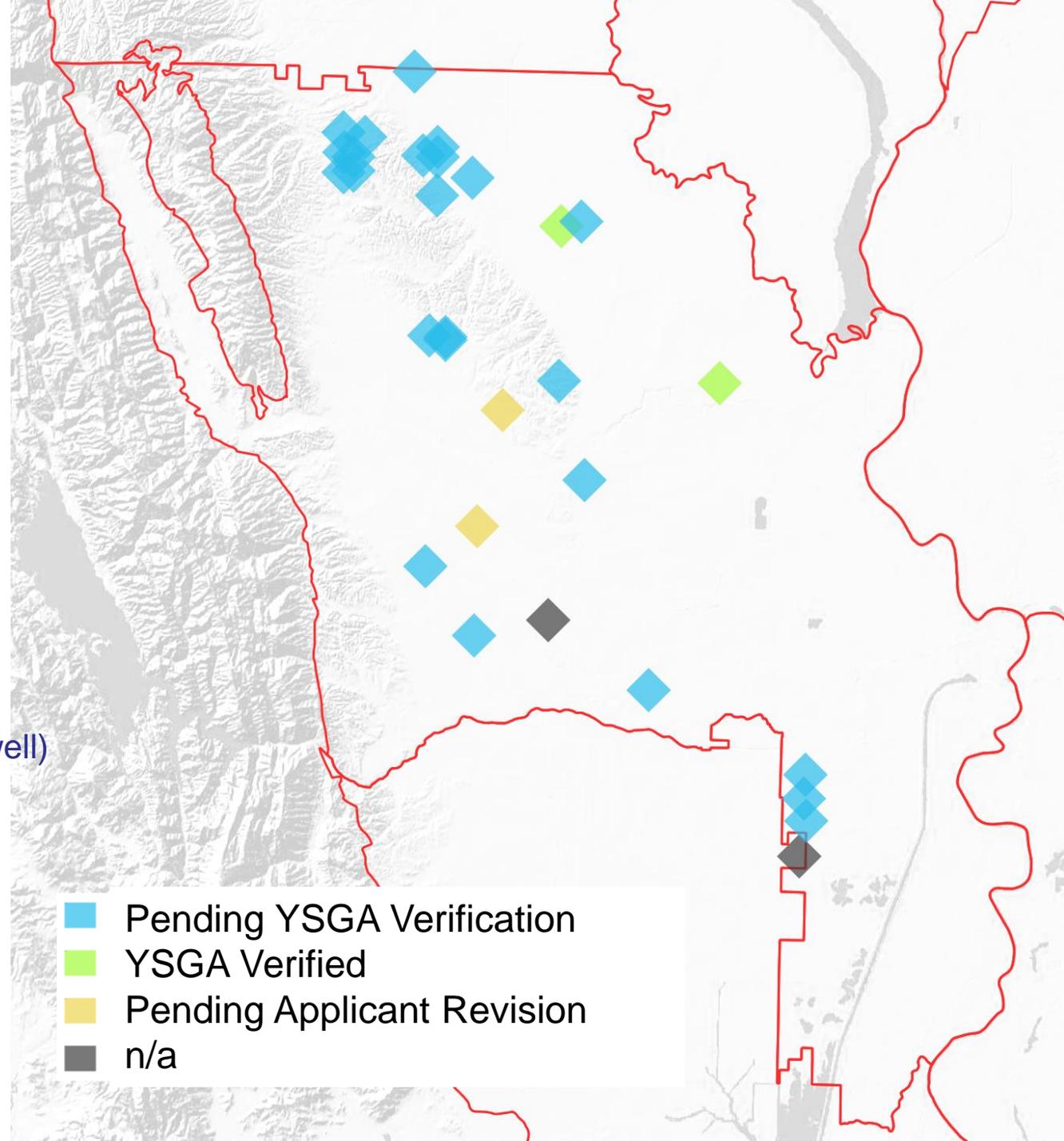
E.O. = Executive Order

MT / MO = Minimum Threshold / Measurable Objective as defined in the Yolo Subbasin Groundwater Sustainability Plan (GSP):

<https://www.yologroundwater.org/yolo-subbasin-groundwater-sustainability-plan>

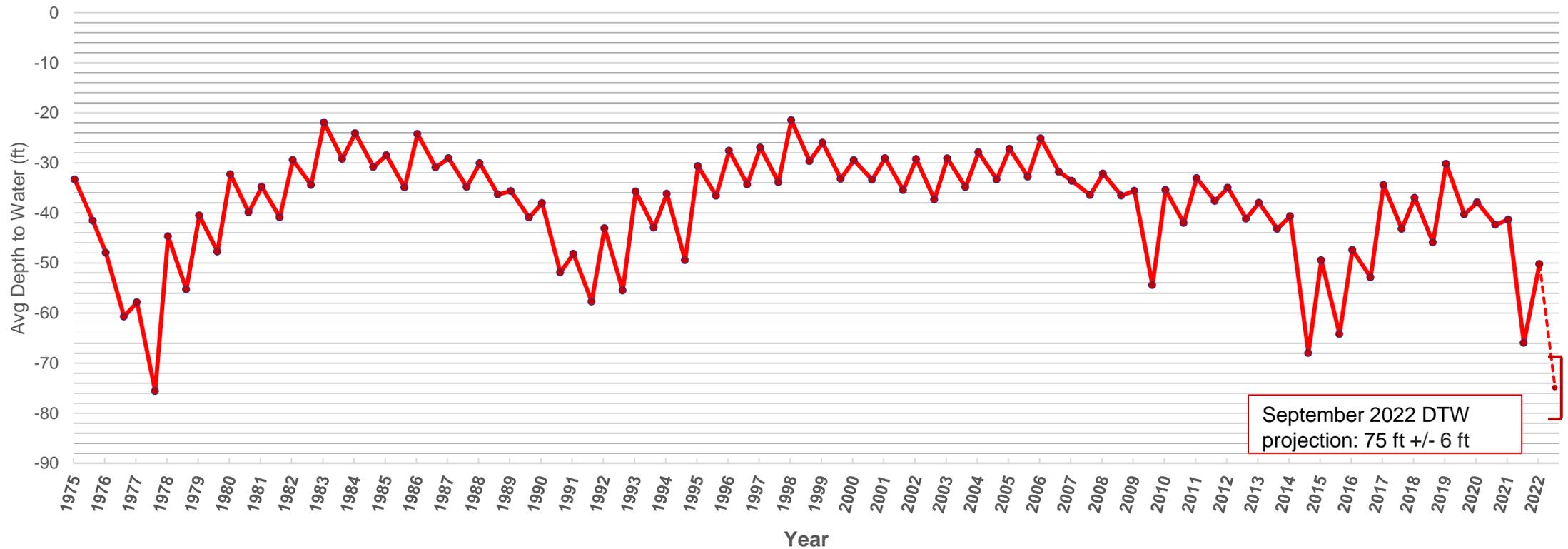
All Permit Applications Received as of 4/29/22

- Total Received = 30
- Not Applicable = 2 (Solano GSA and domestic well)
- Replacement wells verified = 2
- Pending Applicant Revision = 2
- Currently in the Queue = 24
- Unique applicants = 12

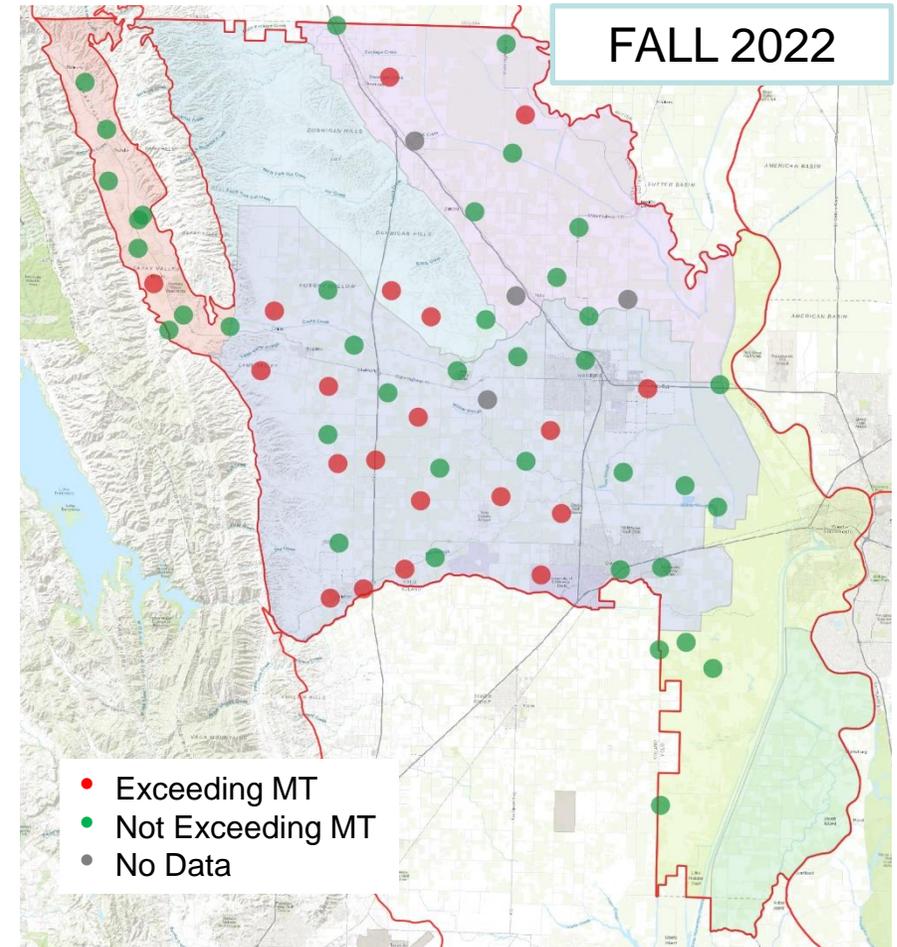
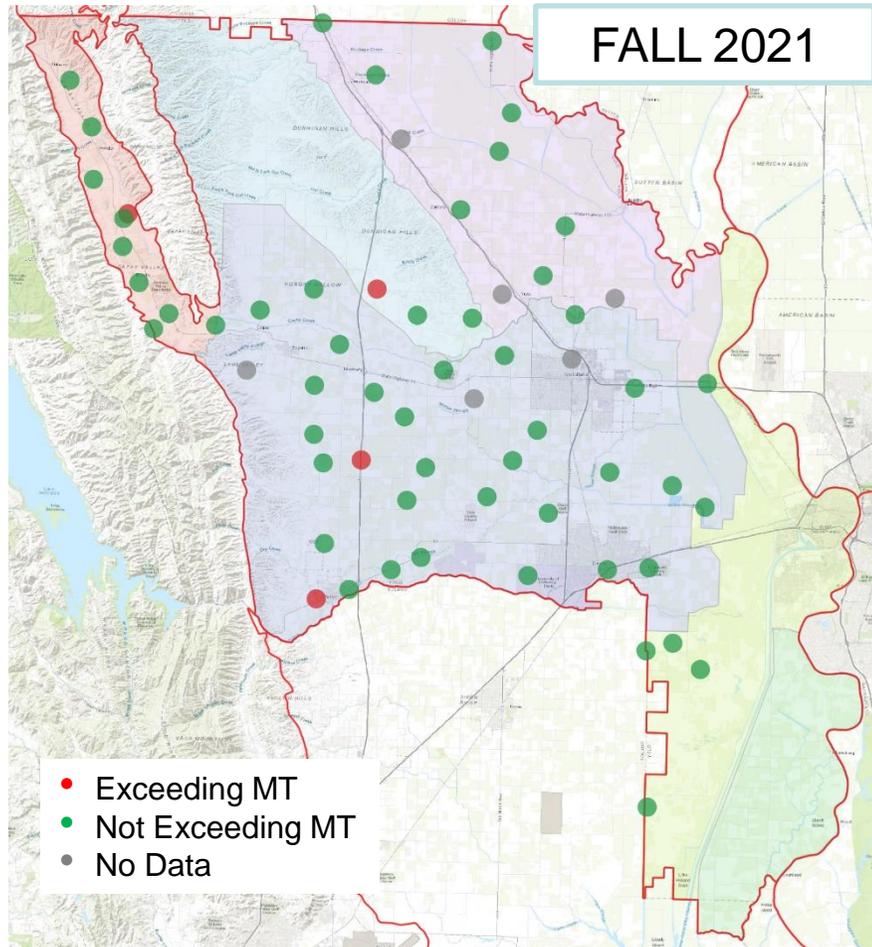


Projected Fall 2022 Groundwater Levels

YCFWCWD Projected Average Groundwater
*Depth by Season (Spring 2022 is 131 wells)***



Preliminary Evaluation

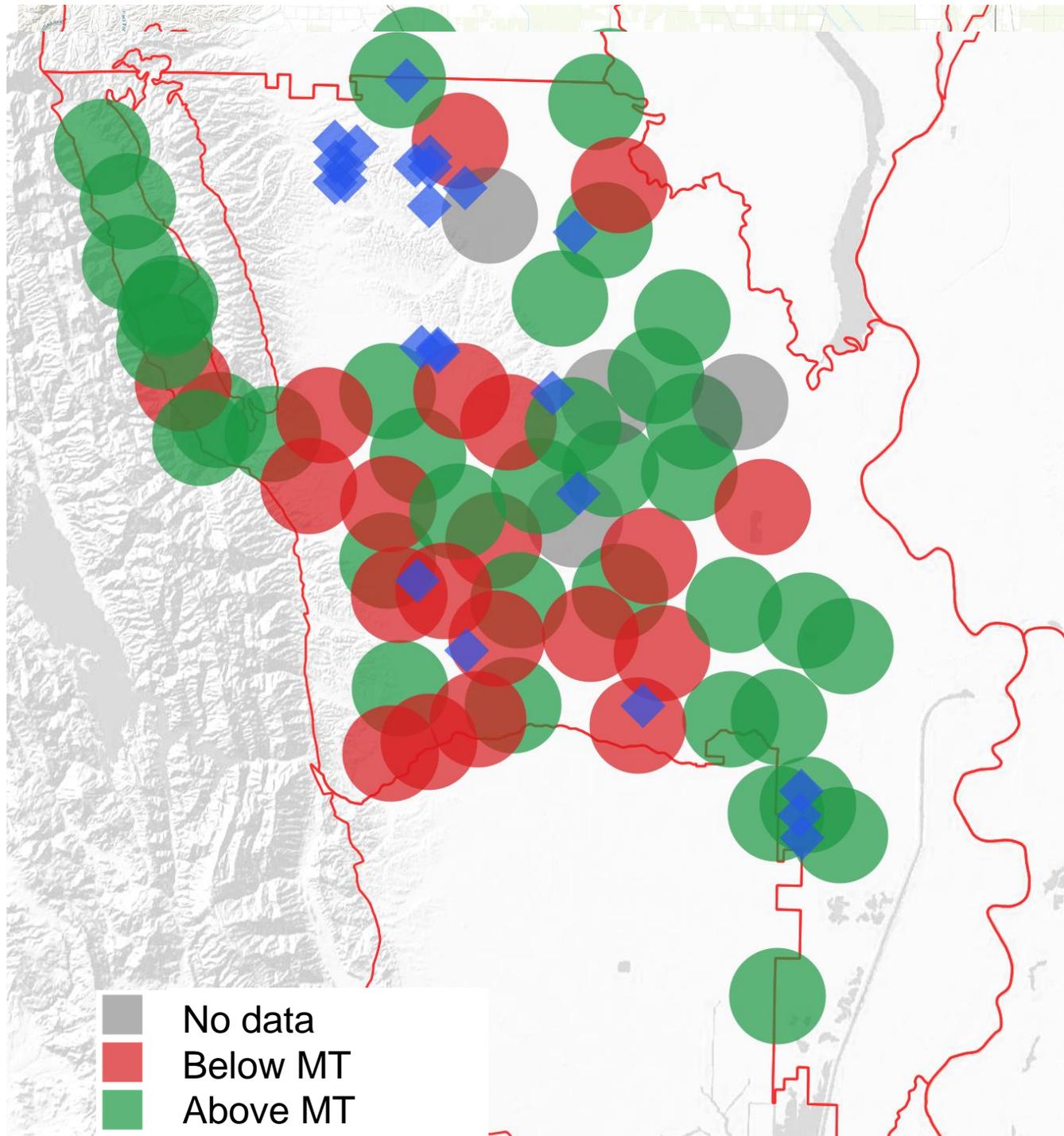


DRAFT – Subject to Change

Projected Fall Levels

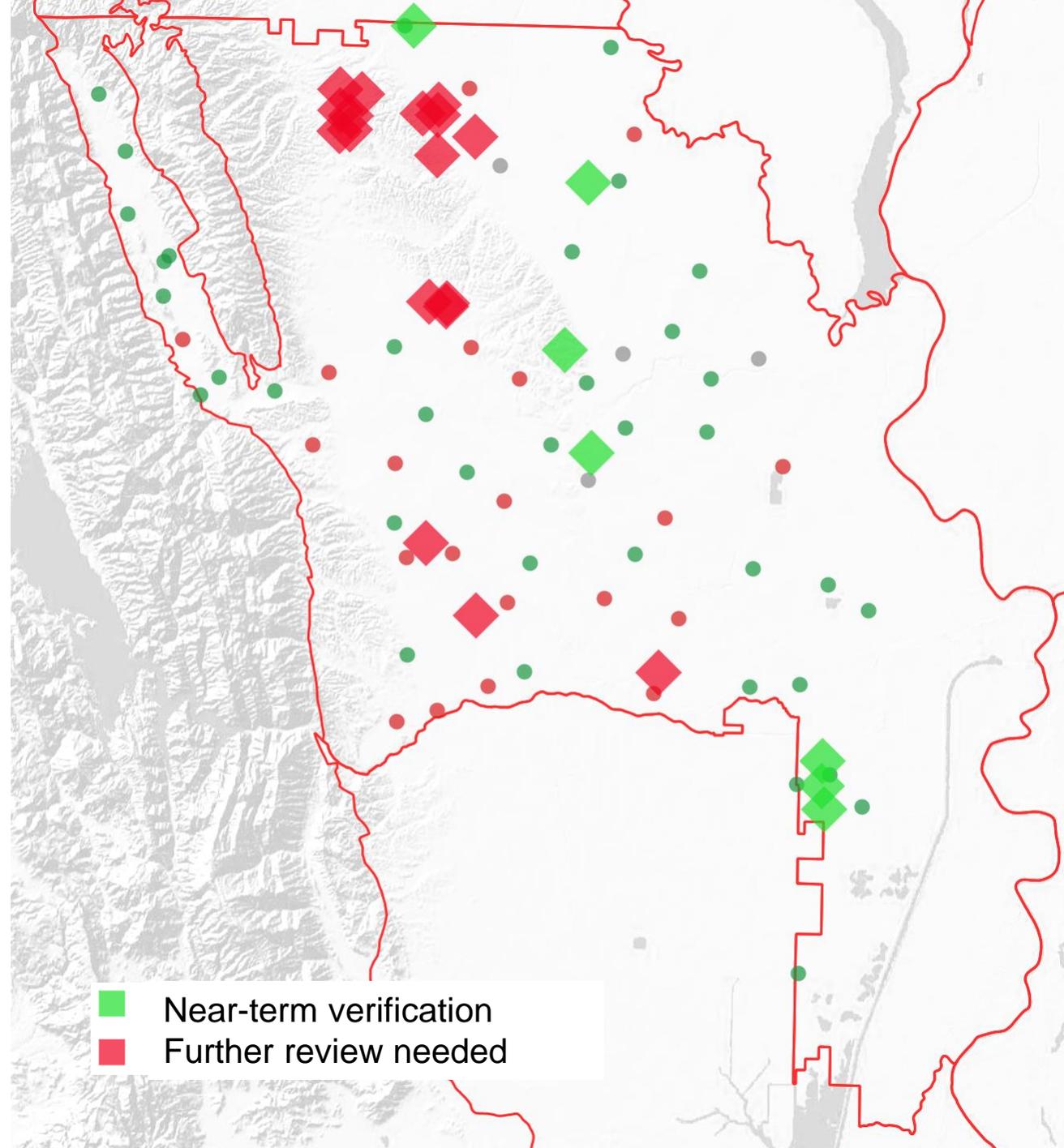
- Projected levels in Representative Wells under “same-case” drawdown

DRAFT – Subject to Change

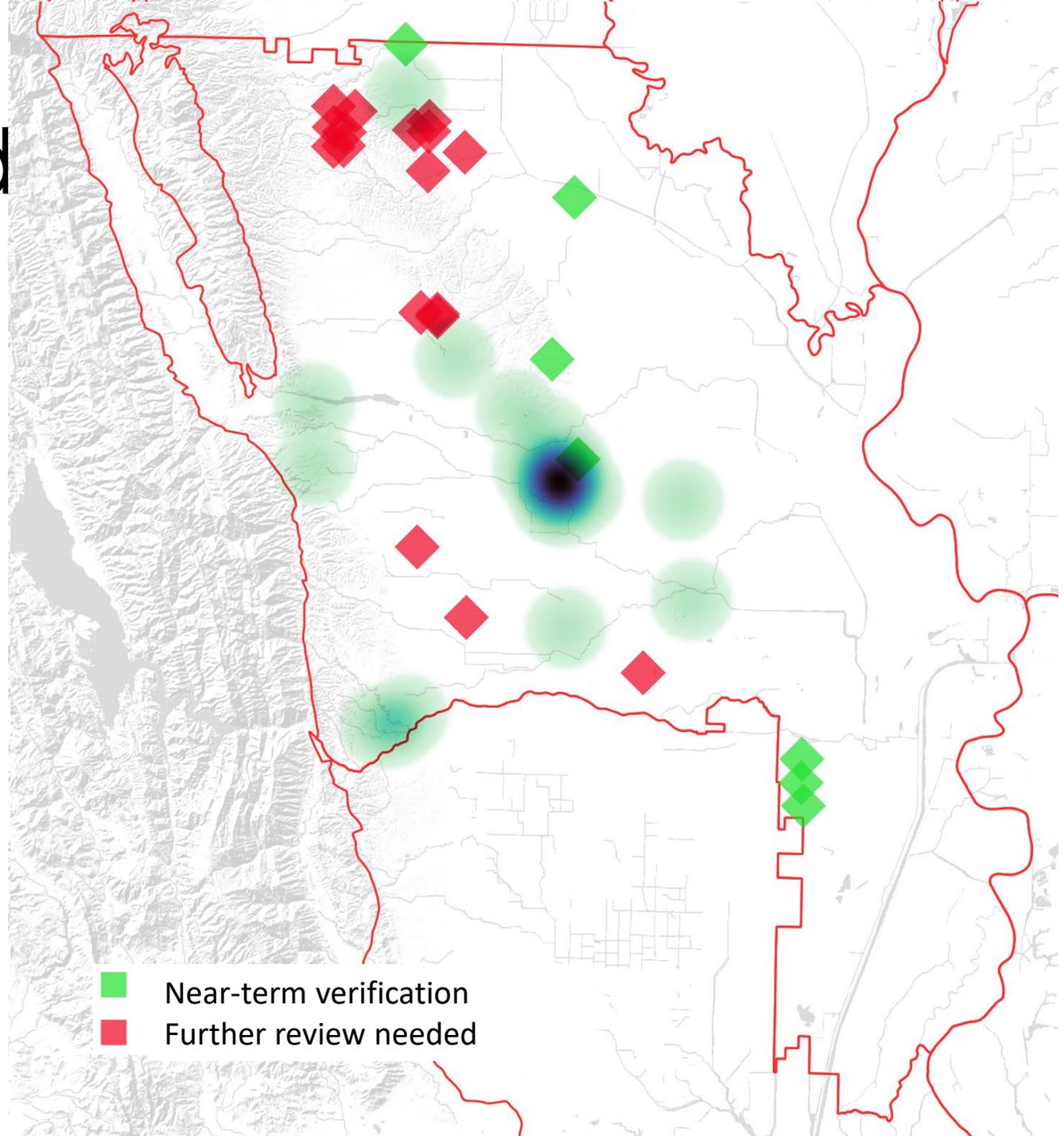


YSGA Written Verification

- 17 needing further review
- 8 unique applicants



29 Dry Wells Reported



DRAFT – Subject to Change

Upcoming Meetings & Events

1. ACWA Spring Conference ([May 3-5](#))
2. YSGA Special Board of Directors Meeting ([May 6](#))
3. NCWA: Groundwater, Manager's Coordination Sacramento River Basin ([May 9](#))
4. UCD's Drought Response Action Workgroup Meeting ([May 9](#))
5. NCWA's Coordination Task Force Meeting ([May 10 and 24](#))
6. NCWA's North State Drinking Water Solutions Network ([May 11](#))
7. Yolo County Financial Oversight Committee ([May 12](#))
8. WRA TC Ad Hoc Drought Task Force Meeting ([May 12](#))
9. WRA / YSGA Executive Committees' Meetings ([May 17](#))
10. Yolo County BOS Meeting: Drought Update ([May 24](#))
11. NCWA's Managers' Meetings ([May 25 and June 10](#))
12. CII Board Meeting ([May 26](#))
13. UCD / GRA Groundwater Shortcourse ([June 2](#))
14. County / Farm Bureau Coordination Meeting ([June 6](#))
15. NCWA's Groundwater Task Force Meeting ([June 13](#))
16. WRA/YSGA Board of Directors Meetings ([June 20](#))

Agenda Item #8

General Discussion

Opportunity for Board Members to ask questions for clarification, provide information to staff, request staff to report back on a matter, or direct staff to place a matter on a subsequent agenda.

Agenda Item #9

Payment of Bills

Consider the approval and payment of the bills
(Checks #61136-61147)

Agenda Item #10

Closed Session: Public Employee Performance Evaluation

Title: General Manager
(Gov. Code §54954.5(e) and 54957)

Closed Session Report

Agenda Item #11

Closed Session: Bay-Delta

Conference with legal counsel for existing administrative proceeding and anticipated litigation/significant exposure to litigation pursuant to Government Code 54956.9, subsections (d)(1) and (d)(2) – State Water Resources Control Board Bay/Delta Plan update proceeding.

Closed Session Report

Agenda Item #12

Adjourn