

January 5, 2023

**NOTICE OF A MEETING OF THE  
VENTURA COUNTY WATERWORKS DISTRICT NO. 1  
MOORPARK CITIZENS' ADVISORY COMMITTEE**

NOTICE IS HEREBY GIVEN that a meeting of the Ventura County Waterworks District No. 1 Citizens' Advisory Committee will be held **Thursday January 12, 2023**, from 3:30 p.m. to adjournment at the **Waterworks District's Moorpark Office, 6767 Spring Road, Moorpark, California.**

Committee members and members of the public are also invited to attend the meeting via Zoom. To electronically join the meeting please follow the provided steps – At the specific time (3:30 p.m.) dial the number (669) 900-6833, when prompted enter the meeting ID 470 052 7072. You can also join the meeting by visiting this link - **Join Zoom Meeting** <https://us02web.zoom.us/j/4700527072>

Advisory Committee Members: Please contact the District Office by telephone at (805-378-3005), or by email at [wspc@ventura.org](mailto:wspc@ventura.org), no later than January 9, 2023 if you are unable to participate on the call.

Sincerely,



Joseph C. Pope, P.E.  
Director, Water and Sanitation



---

## AGENDA OF THE MEETING

1. CALL TO ORDER
2. APPROVAL OF THE MINUTES OF THE NOVEMBER 10, 2022 MEETING
3. PUBLIC COMMENTS - Members of the public may address the Citizens' Advisory Committee (CAC) on items of interest to the public that is within the subject matter jurisdiction of the Committee but does not appear on the agenda. With respect to agenda items, the public will be given an opportunity to address the Committee when the item is reached in the meeting.
4. DISTRICT STAFF REPORT
  - A. CAPITAL PROJECTS - The Capital Project Status Report provides regular reporting on the status of active capital projects within the District.
  - B. WATER QUALITY REPORT - A report regarding water quality complaints, if any, received by the District since the previous CAC meeting and how these complaints were resolved.
  - C. WATER SUPPLY CONDITIONS - An update on water supply conditions within the District, Southern California, and throughout the State.
  - D. FOX CANYON GROUNDWATER MANAGEMENT AGENCY (GMA) /LAS POSAS USERS GROUP (LPUG) UPDATE - An update on decisions and/or rulings by the GMA and LPUG which may impact the District.
  - E. CALLEGUAS MUNICIPAL WATER DISTRICT / METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA UPDATE - An update on decisions and rulings by these agencies which may impact the District.
  - F. AVENUES OF PUBLIC OUTREACH - An update on how the District is reaching out to its customers concerning water conservation.
  - G. BOARD LETTER TRACKER - AN UPDATE ON VENTURA COUNTY BOARD OF SUPERVISORS AGENDA ITEMS RELATED TO THE DISTRICT - A status report on items the District may be presenting or has recently presented, before the Ventura County Board of Supervisors.
  - H. AN UPDATE ON THE BRIEF ON THE LAS POSAS VALLEY WATER RIGHTS COALITION ADJUDICATION - On March 27, 2018, a property-eminent domain



---

case was filed by Las Posas Valley Water Rights Coalition against the Fox Canyon Groundwater Management Agency (GMA). The plaintiff's landowner's complaint alleges that the GMA already has imposed pumping restrictions that violate their overlying groundwater rights as part of a plan to boost municipal pumping for urban areas.

- I. BUDGET AND FINANCIAL REVIEW - An update on the budget and financial status of the District.
  
5. DIRECTOR'S INFORMATIONAL ITEMS- Provides the opportunity for the Director to present items that are not within the subject matter of the District's Staff Report.
  - o AMI Report
  - o Master Plan Update
  - o O&M Quarterly Update
  
6. COMMITTEE MEMBERS COMMENTS/FUTURE AGENDA ITEMS
  
7. ADJOURNMENT

\*The next regularly scheduled District 1 CAC meeting will be held on March 9, 2023\*

**\*\*NOTICES:** The following information is provided to help you understand, follow, and participate in the Board meeting: Public Comments – Public comment is the opportunity for members of the public to participate in meetings by addressing the Citizens Advisory Committee in connection with one or more agenda or non-agenda items.

- **Observe the Citizens Advisory Committee meeting live at: <https://us02web.zoom.us/j/4700527072>**
- **If you wish to make a comment on a specific agenda item, you may attend the meeting by Zoom and will be given an opportunity to speak. If you prefer to submit your comment ahead of time, please submit your comment via email to [WSPC@ventura.org](mailto:WSPC@ventura.org). Please indicate in the Subject Line, the Agenda item number (e.g., Item No. 3A). Your email will be read by the Water and Sanitation Director and placed into the record.**
- **If you are watching the live stream of the Committee meeting and would like to make a general public comment for items not on the day's agenda or to comment on a specific agenda item as it is being heard, please sign on to the meeting by Zoom and you will be given a chance to be heard. If you prefer to submit a comment in writing, please submit your comment to [WSPC@ventura.org](mailto:WSPC@ventura.org). Please indicate in the Subject Line, the Agenda item number (e.g., Item No. 3A). Every effort will be made to read your comment into the record, but some comments may not be read due to time limitations. Comments received after an agenda item will be made part of the record if received prior to the end of the meeting.**

IN COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT, IF YOU NEED SPECIAL ASSISTANCE TO PARTICIPATE IN THIS MEETING, PLEASE CONTACT (805) 378-3005. REASONABLE ADVANCE NOTIFICATION OF THE NEED FOR ACCOMODATION PRIOR TO THE MEETING (48 HOURS ADVANCE NOTICE IS PREFERABLE) WILL ENABLE US TO MAKE REASONABLE ARRANGEMENTS TO ENSURE ACCESSIBILITY TO THIS MEETING.

**DRAFT**

**CITIZENS' ADVISORY COMMITTEE  
VENTURA COUNTY WATERWORKS DISTRICT NO. 1  
MINUTES OF THE NOVEMBER 10, 2022, MEETING**

COMMITTEE MEMBERS IN ATTENDANCE: Andy Waters, Roy Talley,  
David Schwabauer, John Newton

COMMITTEE MEMBERS ABSENT: Michael Smith

COMMITTEE MEMBER VACANCY: None

STAFF: Joseph Pope, Director  
June Kim, Engineering Manager  
Ryan Lippincott, Engineering Manager  
Jean Fontayne, Staff Services Manager  
Nancy Martinez, Senior Accountant  
Brendan Gonzalez, Administrative Aide

GUESTS: Chelsie Smith, Office of Supervisor Bob Huber  
Mike Lilly, Varsity Park HOA  
Darryl Smith

\*\*\*\*\*

1. CALL TO ORDER

The meeting was called to order at 3:33 p.m.

2. APPROVAL OF THE MINUTES OF: Meeting on September 20, 2022

Mr. Talley moved for approval of the minutes as presented. Mr. Waters seconded this motion. Vote: Ayes: three. Nos: none.

3. PUBLIC COMMENTS –

4. DISTRICT STAFF REPORT –

A. CAPITAL PROJECTS

- Moorpark Desalter – Moorpark Water Supply Reliability Program – Recycled Water System Expansion  
Mr. Lippincott – Majority of the work done. Adding the new valves to the outlets has added improvement to circulation and maintenance. This helps to cycle the water through the basins.

- Disinfection Modernization/Salt Reduction
  - Mr. Lippincott – Study for alternative disinfection methods, just got the study back. We have the final version and recommendation for the open channel UV. UV helps keep chloride levels lower than chlorination. Open channel UV is the best option. We will be selecting a consultant and finishing the final design.
- Dry Weather Nuisance Water Collection
  - Waiting for the 4<sup>th</sup> bidder. We just pulled this one out, because of the rain. This is only Dry Weather flows.
- Recycled Water Recovery Wells and Piping
  - This project just pulled preliminary design. We had a meeting with the ground water hydrologist. We are looking at high quality ground water. So, we looked at locations for the plant, for the well, and selected a location, northern side, near the plant where the existing structure is. Target is 800 gpm and salts that are like what the recycled water is at. If we are getting slammed by the peaks, this should shave off the peaks. A higher quality water should result.
- Recycled Water Pump Station No. 1 Upgrade/Basin Automation
  - Installed the two flow meters at pump station 1, they are putting out a little below the designed flow, so we hired a consultant to modify and upgrade the pumps and upgrade to a third pump.
- Backbone Pipeline to Hitch Ranch and Surrounding Developments.
  - Doing a hydraulics run on proposed alignment area, to see if they can get over the hill. They will pick up alignment, easements, and property acquisition.
- Pipeline to Rustic Valley Farms
  - They have all the pipes, just waiting on fittings. They want to start construction by Jan next year. Takes about 2 months to get this online.
- Concrete Basin Lining at Moorpark Water Reclamation Facility
  - Going into design. No issues yet. More storage at the plant for recycled water. Doubles recycled water capacity. Aimed at peak flows during summer.
- Additional Open Reservoir Along New Backbone Piping
  - Future project.
- Permitting

- Going to the Regional Water Control Board in February for approval. This will combine Recycle Water Permit with our Discharge Permit and eliminate The NPDS permit.

A discussion was held between Committee Members and Mr. Pope on the Desalter as a future project with Grant costs and staffing liabilities for large projects. Water rights were discussed, and ground water sustainability plan will be discussed further, along with, our pumping rights.

- Moorpark Stormwater Diversion & Groundwater Recharge Project
  - Putting more water within the basin, helps our argument with the GMA. Helps justify meeting the pumping rights. We did receive the final report. It solidifies, that if we were to take the water from the arroyo during high stormflows, we would have a high probability of getting the water into the stormwater quickly into the groundwater basin. Next step is taking that data and giving a design study.
- Stockton Reservoir
  - 60% design.
- MWTP Steel Structure Storage Building
  - 90% Design is completed. Coming together as a complete package.
- Left-turn Lane on HWY 118 to plant entrance
  - Waiting on environmental study to complete before taking to Board for approval.
- Well 97 Re-Drill Project
  - Finally have temporary easements. We are currently finalizing specs and plans, getting ready for bid.
- MWRF BESS
  - Delayed due to manufacturing delays. Looking at 2024 for completion.
- Water Master Plan and UWMP Update
  - Finishing the draft master plan. Send out to the CAC. When are we going to see the Draft? We will put it on the Agenda for January Meeting.
- Princeton Road Widening Pipeline Replacement (City of Moorpark Project)
  - The city projects. Relocating water pipe.

B. WATER QUALITY REPORT -

- Mr. Pope said the summary is tied to Calleguas pumping its wells, 12 color complaints, 4 odor complaints. Coming out of Gransen pump station.

C. WATER SUPPLY CONDITIONS -

- Mr. Pope stated that the drought continues, but is going in the right direction, thanks to the rain. Colorado basin will take decades to recover from drought.

D. FOX CANYON GROUNDWATER MANAGEMENT AGENCY (GMA) /LAS POSAS USERS GROUP (LPUG) UPDATE - An update on decisions and/or rulings by the GMA and LPUG which may impact the district.

- No updates.

E. CALLEGUAS MUNICIPAL WATER DISTRICT / METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA UPDATE - An update on decisions and rulings by these agencies which may impact the district.

- Mr. Pope stated one day a week watering is here to stay. Depending on the winter precipitation.

F. AVENUES OF PUBLIC OUTREACH - An update on how the district is reaching out to its customers concerning water conservation.

- None

G. BOARD LETTER TRACKER - AN UPDATE ON VENTURA COUNTY BOARD OF SUPERVISORS AGENDA ITEMS RELATED TO THE DISTRICT - A status report on items the district may be presenting or has recently presented, before the Ventura County Board of Supervisors.

- None

H. AN UPDATE ON THE BRIEF ON THE LAS POSAS VALLEY WATER RIGHTS COALITION ADJUDICATION - On March 27, 2018, a property- eminent domain case was filed by Las Posas Valley Water Rights Coalition against the Fox Canyon Groundwater Management Agency (GMA).

- Mr. Pope stated Phase II trial: The Judge approved a settlement agreement. The Phase II settlement talked about revisiting the pumping allocation, which the District does not want to revisit. There is a possibility it may get appealed.
- Phase III will happen next year, that is looking at physical solutions to the basin, which could be interesting going forward.

I. BUDGET AND FINANCIAL REVIEW - An update on the budget and financial status of the district.

- Mr. Pope showed as of the end of September. Rate analysis looks fine.

5. DIRECTOR'S INFORMATIONAL ITEMS- Provides the opportunity for the Director to present items that are not within the subject matter of the District's Staff Report.

AMI Report

- Mr. Pope presented the AMI Customer Portal Registered Users report, showing it is starting to taper off.

DISTRICT 1 OPERATIONS AND MAINTENANCE UPDATES – An update for the first quarter of Fiscal Year 2023 (July 1, 2022, to September 30, 2022) – presented

- Mr. Meckstroth presented his District O&M Updates: 3 minor repairs, 1 oxidized, 13 service leaks, exercised 91 valves, and 8 fire flow tests were performed.
- Water conservation, we issued 1400 notices of violation. Well 20 is offline, due to air entrainment. SW Level is 15" above screen which is an issue. Not enough water. Well 95 has falling production, down to 300 gpm. Well 98 has shut down in March. Still waiting on parts. Well 15/20 is nominal pumping rate, water level is slight increase. water quality is getting better.
- Total source water, still able to maintain production 25% for wells and 75% Calleguas.
- Water efficiency, Gallons per day, per person on chart. The yellow bar is what we need to meet. June/July/Aug/Sept we have used the least amount of water than the district has used since 2010.
- Well 15 doing well. Static level blue dots and red dots pumping level. Water is dropping. We are watching the levels. Dropping 3.6 feet a year.
- Well 20 shows drop in specific capacity. Drying out a lot, not giving a lot of water. Could be the well going bad or nearby wells impacting the pumping.
- We replaced 26 meters, Customer Accounts and Customer Service.
- Looking forward we have Well 98 rehabilitation, replacement of Walnut Canyon Pump #2
- We are showing 1.8 MGD flow which is less than a few years ago.
- We had a concrete Basin Lining Project Kickoff. A scope and lining which would give us about 3 days of water.

Water Rates Presentation

- Pass through rate with Calleguas 4.5% for 2023 based on 5-year analysis.
- Assumes 30% reduction in water usage



#### Future Staffing Levels in Water & Sanitation

- We continue to grow, expanded sewer conditions, asking from Jeff 3 new Admin Positions, 3-4 new Engineers. Uptick in development therefore this is my ask from Jeff.
- John Newton asks for motion from the Board To support the recommendation adding 3-4 Engineering Positions to see the Desalter Project move forward.  
Vote: Ayes: four. Nos: none

#### 6. COMMITTEE MEMBERS COMMENTS/FUTURE AGENDA ITEMS

- None.

#### 7. ADJOURNMENT

- Meeting adjourned at 4:56 p.m.

3. PUBLIC COMMENTS - Members of the public may address the Citizens' Advisory Committee (CAC) on items of interest to the public that is within the subject matter jurisdiction of the Committee but does not appear on the agenda. With respect to agenda items, the public will be given an opportunity to address the Committee when the item is reached in the meeting.

#### **4. DISTRICT STAFF REPORT**

A. CAPITAL PROJECTS - The Capital Project Status Report provides regular reporting on the status of active capital projects within the District.

December 2022

## ACTIVE CAPITAL PROJECTS REPORT - WATER AND SANITATION DEPARTMENT

Project Name	Project Manager	Phase	Phase % Complete	Proposed Funding	Remarks
<b>Moorpark Desalter- Moorpark Water Supply Reliability Program- Recycled Water System Expansion</b>					Funding Amendment has Been Approved
Recycled Water Pond Inlet/Outlet Separation	G. Araujo/ Sean	Construction	75	Prop 84 Grant Funding/Capital Fund Match	Crew has installed majority of underground pipe. Waiting on recycled water PS1 upgrade, new flow meters and actuated valves.
Disinfection Modernization/Salt Reduction	R. Lippincott	Planning	50	Prop 84 Grant Funding/Capital Fund Match	Consultant is working on the feasibility study.
Dry Weather Nuisance Water Collection	G. Araujo	Pilot	75	Prop 84 Grant Funding/Capital Fund Match	The District is procuring a flow meter to finish the pilot report.
Recycled Water Recovery Wells and Pipelines	R. Lippincott	Planning	20	Prop 84 Grant Funding/Capital Fund Match	Kicked the project off and the consultant is working on the feasibility study.
Recycled Water Pump Station No. 1 Upgrade/Basin Automation	G. Araujo	Design	50	Prop 84 Grant Funding/Capital Fund Match	Installed 2 flow meters on the existing RW PS 1 pump necessary to start phase 2 of design.
Backbone Pipeline to Hitch Ranch and Surrounding Developments	R. Lippincott	Planning	5	Developer/Prop 84 Grant Funding/Capital Fund Match	The District has selected a design consultant and is drafting a contract.
Pipeline to Rustic Valley Farm	G. Araujo	Construction	0	Developer/Prop 84 Grant Funding/Capital Fund Match	Materials are on order and construction is anticipated to begin in October. Flow meter was ordered on 8/25.
Concrete Basin Lining at Moorpark Water Reclamation Facility (MWR)	R. Lippincott	Design	1	Prop 84 Grant Funding/Capital Fund Match	A consultant has been selected and a contract is being drafted.
Additional Open Reservoir Along New Backbone Pipeline	R. Lippincott	Planning	0	Prop 84 Grant Funding/Capital Fund Match	Dependent on pipeline alignment studies
Permitting	R. Lippincott	Permitting	60	Prop 84 Grant Funding/Capital Fund Match	The Title 22 Engineering Report Update was submitted to DDW for review.
Moorpark Stormwater Diversion & Groundwater Recharge Project	J. Kim	Design	25	FSA Grant	Percolation pond study Final Report has been submitted to Metro. Invoice package sent to Metro for reimbursement. Final Report has been uploaded on the Webpage.
Stockton Reservoir	J. Kim	Easement Acquisition	75	Capital Funds	RES Work order issued for Permanent Easement acquisition. RES is working on the appraisal. 60% design at lower location is in progress. Utility Search in the project area is in progress.
MWTP Steel Structure Storage Building	J. Kim	Design	50	Capital Funds	Engineering Service Department has hired design consultant. 90% Design in progress.
Left-turn lane on HWY 118 to Plant Entrance	J. Kim	Design	75	Capital Funds	Roads & Transportation is preparing MND for public review.
Well 97 Re-Drill Project	H. Arredondo / G. Araujo	Construction	0	Capital Funds	Temporary construction easement acquired. FCGMA well permit acquired. W&S prepared bid documents for advertising.
MWRF BESS	H. Arredondo	Design	90	CPUC's Self-Generation Incentive Program	EDF is working on Re-90% design package, switchboard final shop drawings, and finalizing power study report. Operational ETA 3/2024.
Water Master Plan and UWMP Update	R. Lippincott	Master Plan	99	Capital Funds	CAC is reviewing the final master plan.

#### **4. DISTRICT STAFF REPORT**

B. WATER QUALITY REPORT - A report regarding water quality complaints, if any, received by the District since the previous CAC meeting and how these complaints were resolved.

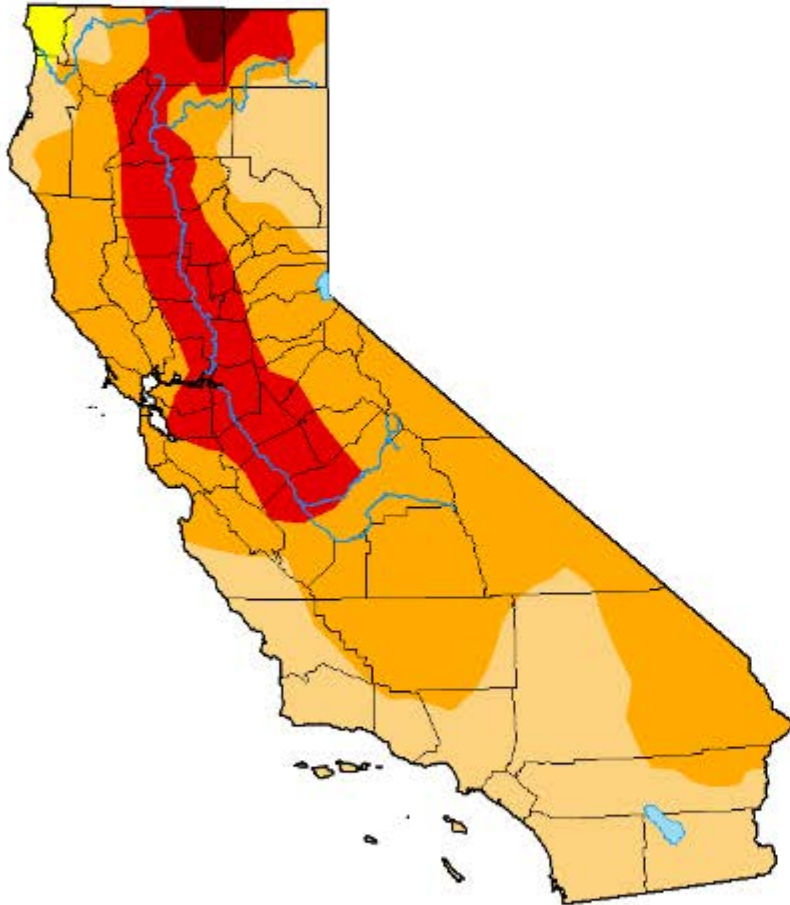
#### **4. DISTRICT STAFF REPORT**

C. WATER SUPPLY CONDITIONS - An update on water supply conditions within the District, Southern California, and throughout the State.

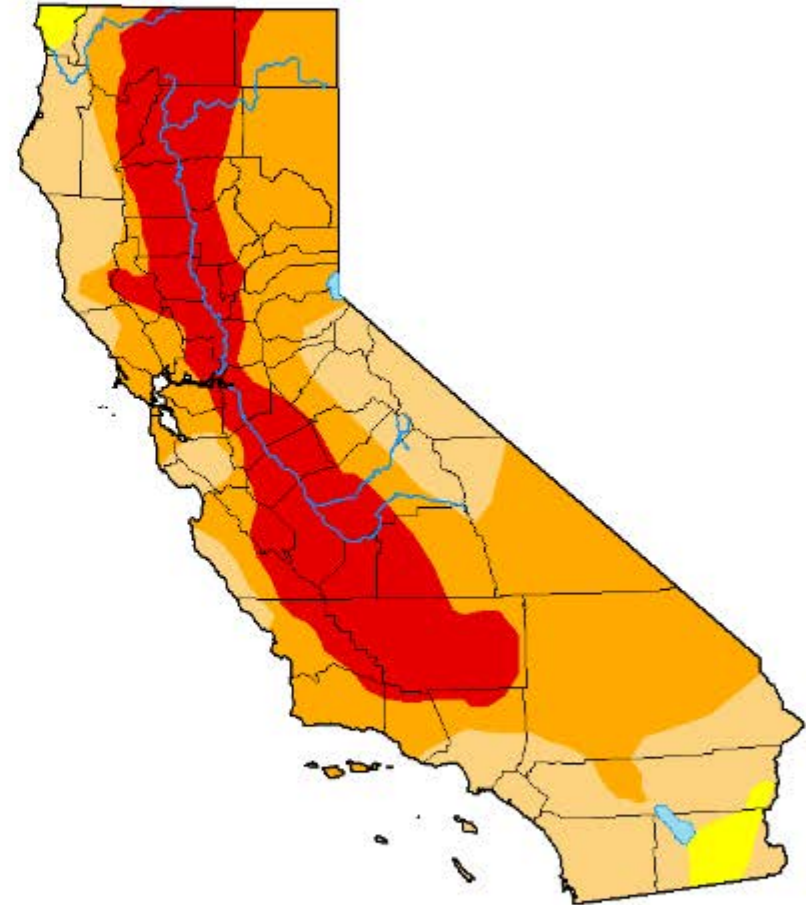
# Drought Classification

- None
- D0 (Abnormally Dry)
- D1 (Moderate Drought)
- D2 (Severe Drought)

- D3 (Extreme Drought)
- D4 (Exceptional Drought)
- No Data



< January 4, 2022 >



< January 3, 2023 >



Midnight: 04-Jan-2023



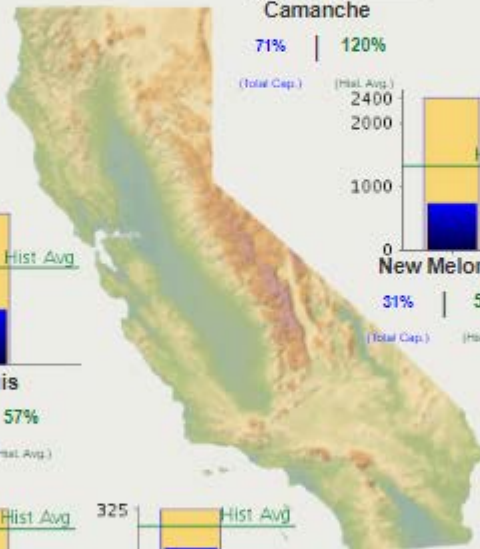
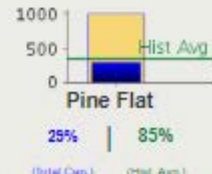
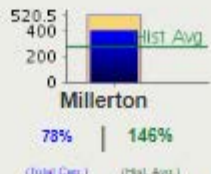
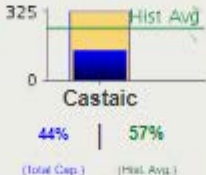
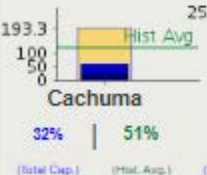
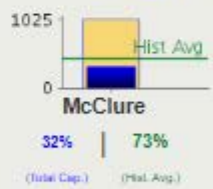
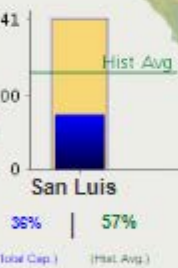
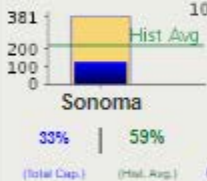
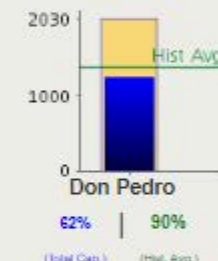
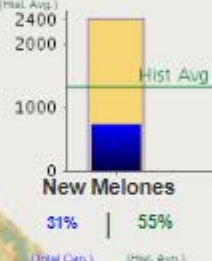
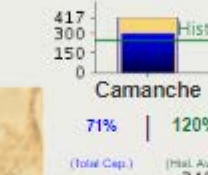
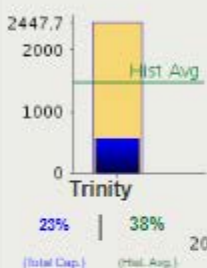
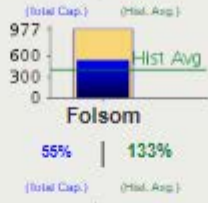
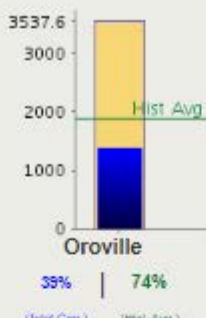
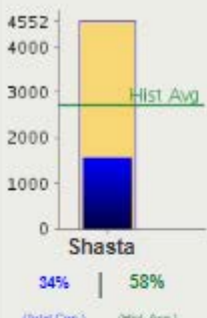
Change Date:

**LEGEND**

**Blue Bar:** Storage level for date  
**Gold Bar:** Total reservoir capacity  
**Green Line:** Historic level for date.

Capacity (TAF) | Historical Avg Mark

**% of Capacity | % Hist. Avg.**  
 (Click res. 3 char. code for details)



[Click for printable version of current data.](#)

Report Generated: 05-Jan-2023 10:27 AM

The CSI link has been disabled to zoom in, for the lack of historical data.

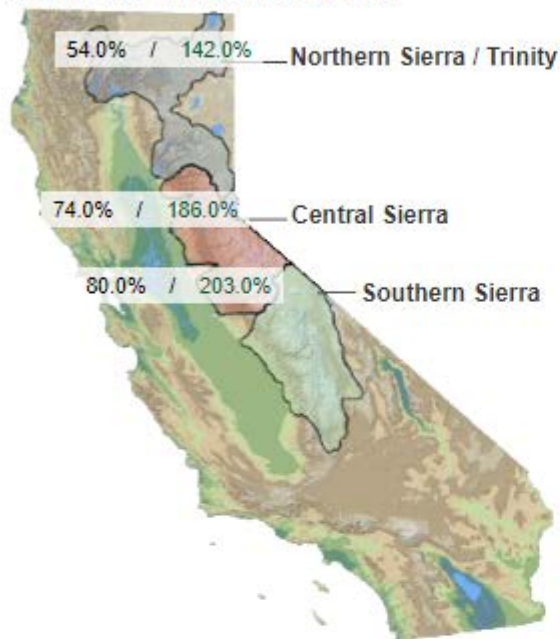


# Snow Water Equivalents (inches)

Provided by the California Cooperative Snow Surveys

Data For: 05-Jan-2023

% Apr 1 Avg. / % Normal for this Date



Change Date :

NORTH	
Data For: 05-Jan-2023	
Number of Stations Reporting	33
Average snow water equivalent	15.4"
Percent of April 1 Average	54%
Percent of normal for this date	142%

CENTRAL	
Data For: 05-Jan-2023	
Number of Stations Reporting	53
Average snow water equivalent	20.3"
Percent of April 1 Average	74%
Percent of normal for this date	186%

SOUTH	
Data For: 05-Jan-2023	
Number of Stations Reporting	33
Average snow water equivalent	18.1"
Percent of April 1 Average	80%
Percent of normal for this date	203%

STATEWIDE SUMMARY	
Data For: 05-Jan-2023	
Number of Stations Reporting	119
Average snow water equivalent	18.4"
Percent of April 1 Average	70%
Percent of normal for this date	179%

[Printable Version of Current Data](#)

**CDEC Stations included (Refer to the [Page 6](#) report):**

**NORTH: (Trinity through Feather & Truckee)** ADM BFL BKL BLA BMW BNK CDP DSS FOR GOL GRZ HIG HMB IDC IDP INN LLP MB3 MED MUM NLS PET PLP RRM RTL SCT SDF SHM SLT SNM SQV STM TK2

**CENTRAL: (Yuba & Tahoe through Merced & Walker)** ALP BLC BLD BLK BLS BSK CAP CXS DAN DDM EBB EP5 FDC FLL FRN GIN GKS GNL HGM HHM HOR HRS HVN HYS KIB LBD LVM LVT MDW MNT MRL MSK PDS PSN RBB RBP RCC REL RP2 SDW SIL SLI SLM SPS SPT STR TCC TNY TUM VRG VVL WC3 WHW

**SOUTH: (San Joaquin & Mono through Kern)** BCB BCH BGP BIM CBT CHM CHP CSV CWD DPO FRW GEM GNF GRM GRV HNT KSP MHP MTM PSC PSR QUA RCK SLK STL SWM TMR TUN UBC UTY VLC WTM WWC

#### **4. DISTRICT STAFF REPORT**

D. FOX CANYON GROUNDWATER MANAGEMENT AGENCY (GMA) /LAS POSAS USERS GROUP (LPUG) UPDATE - An update on decisions and/or rulings by the GMA and LPUG which may impact the District.

E. CALLEGUAS MUNICIPAL WATER DISTRICT / METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA UPDATE - An update on decisions and rulings by these agencies which may impact the District.

F. AVENUES OF PUBLIC OUTREACH - An update on how the District is reaching out to its customers concerning water conservation.

#### **4. DISTRICT STAFF REPORT**

G. BOARD LETTER TRACKER - AN UPDATE ON VENTURA COUNTY BOARD OF SUPERVISORS AGENDA ITEMS RELATED TO THE DISTRICT - A status report on items the District may be presenting or has recently presented, before the Ventura County Board of Supervisors.

- Rules & Regulations revised Parts 1, 2, 4 6, 7, 8, and 10 – February 7, 2023
- Well 97 Replacement Project – February 7, 2023
- Waterworks District 1-Public Hearing Regarding Proposed Calleguas Pass through Increases to Water Rates and Service Charges – February 28, 2023
- Water and Sewer System Improvement, Construction Standards – February 28, 2023

#### **4. DISTRICT STAFF REPORT**

##### **H. AN UPDATE ON THE BRIEF ON THE LAS POSAS VALLEY WATER RIGHTS COALITION**

**ADJUDICATION** - On March 27, 2018, a property-  
eminent domain case was filed by Las Posas Valley  
Water Rights Coalition against the Fox Canyon  
Groundwater Management Agency (GMA). The  
plaintiff's landowner's complaint alleges that the GMA  
already has imposed pumping restrictions that violate  
their overlying groundwater rights as part of a plan to  
boost municipal pumping for urban areas.

##### **I. BUDGET AND FINANCIAL REVIEW** - An update on the budget and financial status of the District.



61	Acquisition&Replacement Fund			FY19 ACTUAL	FY20 ACTUAL	FY21 ACTUAL	FY22 ACTUAL	FY23 ADJ BUDGET	FY23 ACTUAL	BUDGET to ACTUAL %	FY23 YR-END PRJ
63	<b>Beginning Balances</b>			\$10,228,800	\$10,501,500	\$10,973,293	\$10,291,093	\$12,154,610	\$12,154,610		\$12,154,610
64	<b>Capital Sources of Funds</b>										
65	Interest Earnings		8911	233,000	207,100	55,100	34,800	46,600	-	0%	79,000
66	State Grants		9252	12,500	7,300	7,900	11,600	-	-		-
67	Capital Improv Charges		9615	58,600	220,300	5,400	74,900	18,600	(11,300)	-61%	18,600
68	Long Term Debt Proceeds		9841	-	-	-	-	-	-		-
69	Other Revenue-Misc	ADR Incenti	9790	-	-	-	-	-	-		-
70	Depreciation Expense	CY Funded	3611	777,600	815,500	798,700	924,100	925,200	373,500	40%	925,900
71	ACFR ADJ				783,575	399,700	2,408,117		-		-
72	<b>Total - Capital Sources of Funds</b>			<b>1,081,700</b>	<b>2,033,775</b>	<b>1,266,800</b>	<b>3,453,517</b>	<b>990,400</b>	<b>362,200</b>	<b>37%</b>	<b>1,023,500</b>
73											
74	<b>Capital Uses of Funds</b>										
75	<b>Water System Improvement:</b>										
76	Misc Water System Improvement		4112/2112	-	59,500	57,900	100	315,000	(100)	0%	315,000
80	SCADA Improvements		4112	-	-	-	-	50,000	-	0%	50,000
82	Stockton Reservoir #2 Replacement		4112	136,100	141,600	47,800	93,200	1,727,400	32,100	2%	700,000
84	Walnut Acres Tract 4 Wtr Line Replacement		4112	1,200	-	-	-	-	-		-
87	Well 95 MCC Replacement - reuse Well 96		4112	-	-	8,700	-	50,000	-	0%	50,000
89	Reservoir Re-Coating - Peach Hill & Tierra R		4112	-	-	-	-	1,150,000	-	0%	-
91	Reservoir Re-Coating - College Reservoir		4112	-	-	522,400	1,054,500	59,300	58,600	99%	60,500
92	Reservoir Re-Coating - Grimes/Home Acres		4112	-	-	-	-	-	-		-
93	Reservoir Re-Coating - Various Reservoir		4112	-	547,100	970,000	-	-	-		-
94	Princeton Widening Proj		4112	12,500	500	4,700	4,300	880,000	1,500	0%	883,900
95	S&K Generato		4112	-	-	12,600	70,100	-	-		-
96	Portable Generator (Well 98)		4112	-	-	-	-	-	-		-
97	Re-Drill Well 97		4112	-	-	38,300	60,900	1,694,900	23,800	1%	2,005,500
98	Valve Replacement		4112	-	-	-	-	-	-		-
99	<b>Total Water System Improvement</b>			<b>\$149,800</b>	<b>\$748,700</b>	<b>\$1,662,400</b>	<b>\$1,283,100</b>	<b>\$5,926,600</b>	<b>\$115,900</b>		<b>\$4,064,900</b>
100	<b>Water Construction Project:</b>										
101	Home Acres Reservoir & Pipeline		4114	-	20,100	2,300	(22,500)	-	-		-
102	Grimes Reservoir & 757 Zone Interconnecti		4114	-	-	-	22,500	50,000	-	0%	50,000
103	Moorpark Desalter (Study/EIR/PDR)		4114	113,400	214,600	152,800	81,400	183,700	-	0%	183,700
104	Moorpark Stormwater Diversion Project		4114	-	-	-	-	50,000	-	0%	50,000
105	Moorpark Groundwater Recharge Project		4114	-	-	-	-	-	-		-
106	Stockton Reservoir #2		4114	-	-	-	-	-	-		-
107	<b>Total Water Construction Project</b>			<b>\$113,400</b>	<b>\$234,700</b>	<b>\$155,100</b>	<b>\$81,400</b>	<b>\$283,700</b>	<b>\$0</b>		<b>\$283,700</b>
108											
109	Land Purchased		4011	-	-	-	-	300,000	-	0%	300,000
110	Indirect Recovery		2158	81,750	50,250	45,100	47,600	57,100	28,250	49%	57,100
111	Contract Proc-Eng Svcs		2204	16,500	9,100	20,200	40,100	20,200	-	0%	20,200
112	System Maint, Repairs & Replc.	Various (see sch		132,500	25,000	9,400	-	394,000	(1,900)	0%	313,400
113	Equipment/Software	4601/4701		14,900	27,300	31,600	113,300	110,000	-	0%	110,000
114	<b>Contributions-ISF &amp; Other Funds</b>			<b>82,100</b>	<b>11,100</b>	<b>25,200</b>	<b>24,500</b>	<b>191,700</b>	<b>329,300</b>	<b>172%</b>	<b>521,000</b>
115	<b>Total - Capital Uses of Funds</b>			<b>\$590,950</b>	<b>\$1,106,150</b>	<b>\$1,949,000</b>	<b>\$1,590,000</b>	<b>\$7,283,300</b>	<b>\$471,550</b>		<b>\$5,670,300</b>
116											
117	Net Cash Balance			\$490,750	\$927,625	(\$682,200)	\$1,863,517	(\$6,292,900)	(\$109,350)		(\$4,646,800)
118											
119	Transfer to/fr O&M / Rate Stabilization Fund			(\$218,050)	(\$455,832)	\$0	\$0	\$0	\$0		\$0
120	<b>Ending Cash Reserve</b>			<b>\$10,501,500</b>	<b>\$10,973,293</b>	<b>\$10,291,093</b>	<b>\$12,154,610</b>	<b>\$5,861,710</b>	<b>\$12,045,260</b>		<b>\$7,507,810</b>

WATERWORKS DISTRICT NO. 1 - WATER  
OPERATIONS AND MAINTENANCE  
FINANCIAL STATUS REPORT

CURRENT PERIOD ACTIVITIES TO		AP05 ENDED 11/30/2022					
	A	B	C	D	E	F	
	ACTUAL	ADJUSTED BUDGET	CURRENT	% of	PROJECTION	CURRENT PERIOD	
DESCRIPTION	FY 22	FY 23	ACTUAL	Act/Adpt Bu	FY 23	COMMENTS	
<b>EXPENDITURES</b>							
Phone/Supplies/Bad Deb/Misc	199.00	237.9	32.4	13.6%	237.6		
System Maint, Repairs & Replc.	1,208.90	1,434.0	447.6	31.2%	1,564.0		
<i>Pipes, Fitting, Valves &amp; Other Maint. Supp</i>	584.20	613.0	207.9	33.9%	672.9	Various vendors	
<i>Maintenance Contract</i>	512.50	711.0	188.8	26.6%	775.2	Various vendors	
<i>Water System Maintenance Supplies</i>	112.20	110.0	50.9	46.3%	115.9		
<i>Equipment Rental</i>	-	-	-	-	-		
Special Technical Services	234.70	253.6	71.0	28.0%	240.5		
<i>Urban Water MGMT Plan &amp; Other Special Tech</i>	135.00	64.5	11.6	18.0%	75.5		
1 <i>Drafting &amp; Map/Construction Standard Updates</i>	-	-	-	-	-		
1 <i>Reservoir &amp; Well Insp</i>	-	31.5	-	-	31.5		
1 <i>Construction Inspection</i>	-	-	-	-	-		
1 <i>GIS Conversions</i>	-	30.0	-	-	30.0		
1 <i>SCADA Integration &amp; Troubleshooting</i>	-	10.0	-	-	10.0		
1 <i>Engr. &amp; Tech Surveys</i>	61.00	95.0	16.8	17.7%	5.8		
1 <i>Design &amp; Print CCR Rpt and Others</i>	6.70	10.0	42.6	426.0%	75.1		
1 <i>Consultant - Rate Study</i>	32.00	12.6	-	-	12.6		
1 State Fees/Cross Conn./GMA Chrgs	75.60	102.5	16.0	15.6%	102.5		
1 General Ins Alloc	14.60	32.6	16.3	50.0%	32.6		
2 Legal Costs	199.40	779.9	267.8	34.3%	779.9		
2 Indirect Recovery	47.60	57.1	28.3	49.5%	57.1		
2 O&M Labor Charges	3,278.00	3,352.4	1,229.1	36.7%	3,327.9	PWA Labor	
2 Mgnt & Admin.Svcs	385.30	417.6	104.4	25.0%	417.6		
2 Water Analysis	17.30	20.0	9.7	48.5%	19.0		
2 Water System Power	803.50	705.8	202.9	28.7%	774.1		
2 Water Purchase	11,701.10	12,466.1	4,089.3	32.8%	10,808.2	Purchases (Calleguas Inv)	
2 Groundwater Extraction	66.70	87.8	-	-	110.2	Wtr system/cross conn fees/Groundwtr Extract	
2 Meter Replacement & Change Outs	211.20	260.0	8.8	3.4%	291.2		
2 Water Conservation Program	-	5.0	-	-	-		
3 Geographic Info. Syst,	-	1.0	-	-	1.0		
3 Depreciation Expense	924.10	925.2	373.5	40.4%	925.9		
3 <b>TOTAL EXPENDITURES</b>	<b>19,367.00</b>	<b>21,138.5</b>	<b>6,897.1</b>	<b>32.6%</b>	<b>19,689.3</b>		
<b>REVENUES</b>							
3							
3 Interest Earnings	-	-	-	-	-		
3 Rent & Concessions	377.50	346.8	166.8	48.1%	346.9		
3 Federal & State Aid	1.70	-	-	-	-		
3 Planning And Eng Svc External	20.50	1.0	1.4	140.0%	1.4	Plan Check & Insp fee	
3 Water Sales	20,008.40	19,248.1	5,657.2	29.4%	17,598.0	Current Sales	
4 Other Sales/ Revenues	212.80	175.2	50.9	29.1%	181.2	Fire protect'n, mtr sales, Spec Asses, permit fe	
4 Other Revenue-Misc	464.40	361.4	168.5	46.6%	484.0	Customer late fees/other charges, misc rev	
4 Gain/Loss Capital Asset	-	-	-	-	-	Disposal of Assets	
4 <b>TOTAL REVENUES</b>	<b>21,085.30</b>	<b>20,132.5</b>	<b>6,044.8</b>	<b>30.0%</b>	<b>18,611.5</b>		
4 <b>NET OF OPERATION</b>	<b>1,718.00</b>	<b>(1,006.0)</b>	<b>(852.3)</b>		<b>(1,077.8)</b>		
<b>O&amp;M Fund Balance Reserve:</b>							
4 Beginning Fund Balance	511.20	2,229.5	2,229.5		2,229.5		
4 ACFR Adjustment			-		-		
4 Transfer to/fr Capital			-		-		
4 Net of Operation	1,718.30	(1,006.0)	(852.3)		(1,077.8)		
5 <b>O&amp;M Fund Balance Reserve:</b>	<b>2,229.50</b>	<b>1,223.5</b>	<b>1,377.3</b>		<b>-</b>	<b>1,151.7</b>	
5 <b>Required O&amp;M Fund Reserve: 25% of Exp.</b>	<b>4,841.75</b>	<b>5,284.6</b>	<b>1,724.3</b>	<b>0.1</b>	<b>4,922.3</b>		

WATERWORKS DISTRICT NO. 1 - WATER  
CAPITAL PROJECTS  
FINANCIAL STATUS REPORT

CURRENT PERIOD ACTIVITIES TO		AP05 ENDED 11/30/2022								
		A	B	B	C	D	E	F	H	I
		ACTUAL	ADOPTED BUDGET	ADJUSTED BUDGET	CURRENT PERIOD FY 23			% of	PROJECTION	CURRENT PERIOD
DESCRIPTION		FY 22	FY 23	FY 23	EXP/REV	ENC	TOTAL	Act/Bud	FY 23	COMMENTS
<b>EXPENDITURES</b>										
1	Misc Water System Improvement	0.0	315.0	315.0	(0.0)	(0.1)	(0.1)	(0.0%)	315.0	
2	SCADA Improvements	-	50.0	50.0	-	-	-	-	50.0	
3	System Maint, Repairs & Replc.	-	394.0	394.0	(1.0)	78.6	76.6	(0.5%)	313.4	
4	Stockton Reservoir #2 Replacement	93.2	1,550.0	1,727.4	32.0	138.4	170.5	1.9%	700.0	
5	Well 95 MCC Replacement - reuse Well 96	-	50.0	50.0	-	-	-	-	50.0	
6	Reservoir Re-Coating - Peach Hill & Tierra Rejada	-	1,150.0	1,150.0	-	-	-	-	-	
7	Reservoir Re-Coating - College Reservoir	1,054.5	-	59.3	58.0	1.2	59.8	98.8%	60.5	
8	Princeton Widening Proj	4.3	880.0	880.0	1.0	-	1.5	0.2%	883.5	
9	S&K Generator	70.0	-	-	-	-	-	-	-	
10	Portable Generator (Well 98)	-	-	-	-	-	-	-	-	
11	Re-Drill Well 97	60.9	1,600.0	1,694.9	23.0	94.9	118.7	1.4%	2,005.5	
12	Valve Replacement	-	-	-	-	-	-	-	-	
13	Sub-Total Replacement FD	1283.7	5,989.0	6,320.6	114.0	313.0	427.0	1.8%	4,378.3	
14	Indirect Recovery	47.6	57.1	57.1	28.0	-	28.3	49.5%	57.1	
15	Contract Proc-Eng Svcs	40.1	20.2	20.2	-	-	-	-	20.2	
16	Equipment/Software	113.3	110.0	110.0	-	-	-	-	110.0	
17	Sub-Total	201.0	187.3	187.3	28.0	-	28.3	15.1%	187.3	
18	Land Purchased	0.0	300.0	300.0	-	-	-	-	300.0	
19	Home Acres Reservoir & Pipeline	-22.5	-	-	-	-	-	-	-	Transfer cost to new Proj (Grimes Res)
20	Grimes Reservoir & 757 Zone Interconnections	22.5	50.0	50.0	-	-	-	-	50.0	
21	Moorpark Desalter (Study/EIR/PDR)	81.4	150.0	183.7	-	33.7	33.7	-	183.7	
22	Moorpark Stormwater Diversion Project	0.0	50.0	50.0	-	-	-	-	50.0	
23	Moorpark Groundwater Recharge Project	0.0	-	-	-	-	-	-	-	
24	Sub-Total	81.4	550.0	583.7	-	33.7	33.7	-	583.7	
25	Contributions-ISF & Other Funds	24.5	191.7	191.7	329.0	-	329.3	171.8%	521.0	
26	Sub-Total Capital Acq. FD	306.9	929.0	962.7	357.0	33.7	391.3	37.1%	1,292.0	
27	<b>Total Expenditures</b>	<b>1,590.0</b>	<b>6,918.0</b>	<b>7,283.3</b>	<b>471.0</b>	<b>346.7</b>	<b>818.3</b>	<b>6.5%</b>	<b>5,670.3</b>	
<b>REVENUES</b>										
28	Interest Earnings	34.8	46.6	46.6	-	-	-	-	79.0	
30	State Grants	11.6	-	-	-	-	-	-	-	
31	Capital Improv Charges	74.9	18.6	18.6	(11.0)	-	(11.3)	(60.8%)	18.6	
32	Long Term Debt Proceeds	0.0	-	-	-	-	-	-	-	
33	Other Revenue-Misc	0.0	-	-	-	-	-	-	-	
34	<b>Total Revenues</b>	<b>121.3</b>	<b>65.2</b>	<b>65.2</b>	<b>(11.0)</b>	<b>-</b>	<b>(11.3)</b>	<b>(17.3%)</b>	<b>97.6</b>	
35	<b>Net of Operation</b>	<b>(1,468.7)</b>	<b>(6,852.8)</b>	<b>(7,218.1)</b>	<b>(482.0)</b>	<b>(346.7)</b>	<b>(829.6)</b>		<b>(5,572.5)</b>	
36	Beginning Capital Fund Balance	10,291.4		12,154.6			12,154.6		12,154.6	
37	Transfer to/fr O&M	-							-	
38	Depreciation Expense	924.9		925.2			925.9		925.9	
39	PY ACFR Adjustments	2,408.7								
40	<b>Ending Capital Fund Balance Reserve</b>	<b>12,154.6</b>		<b>5,861.7</b>			<b>12,251.0</b>		<b>7,507.8</b>	
41										
42	<b>CAPITAL FUND BALANCE SUMMARY:</b>		<b>CAP</b>	<b>REPL</b>	<b>TOTAL</b>					
43	BEGIN BALANCE		2,222.5	9,932.1	12,154.6					
44	NET CY EXPEND		(1,292.0)	(4,378.3)	(5,670.3)					
45	NET CY REVENUE		97.6		97.6					
46	TRANSFER TO/FR CAPITAL FUND			0.0	0.0					
47	TRANSFER TO/FR O&M			0.0	0.0					
48	CY DEPRECIATION			925.9	925.9					
49	PY ACFR Adjustments			0.0	0.0					
50	ENDING FUND BAL		1,028.1	6,479.7	7,507.8					



CURRENT PERIOD ACTIVITIES TO		AP 05 ENDED 11/30/2022								
<b>WW#1 Moorpark Sanitation Service</b>										
<b>Cash Flow Analysis</b>										
Total Beginning Balances			\$7,710,800	\$8,055,200	\$9,637,568	\$10,399,125	\$11,824,025	\$11,824,025		\$11,824,025
Total Ending Balances			\$8,055,200	\$9,637,568	\$10,399,125	\$11,824,025	\$6,844,825	\$10,979,625		\$7,647,225
Total Required Cash Balance			\$1,749,480	\$1,844,869	\$1,872,416	\$1,843,010	\$2,049,150	\$646,950		\$2,115,823
Alert			ok	ok	ok	ok	ok	ok		ok
<b>O&amp;M/ Rate Stub Fund</b>										
	FMS ACT#		FY19 ACTUAL	FY20 ACTUAL	FY21 ACTUAL	FY22 ACTUAL	FY23 ADJ BUDGET	FY23 ACTUAL	BUDGET to ACTUAL %	FY23 YR-END PRJ
<b>Beginning Balances</b>			<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>		<b>\$0</b>
<b>O&amp;M Revenue</b>										
1 Federal & State Disaster	9301		-	-	-	-	-	-		-
1 Sewer Svcs Charges	9612		4,213,300	4,370,300	4,332,800	4,397,100	4,370,500	1,078,000	25%	4,380,100
1 Other Revenue & Misc Fees	9790		-	400	1,800	8,100	-	2,000		2,000
1 Plan. Eng Svcs	9481		64,200	39,900	15,600	2,900	1,000	300	30%	1,000
1 Rents And Concessions	8931		-	-	-	-	-	-		-
1 Reclamation Water Sales	9614		682,800	757,400	841,900	824,600	913,100	357,700	39%	889,600
1 Gain/Loss Revenue Capital Assets	9822		(4,300)	-	-	-	-	-		-
<b>Total - O&amp;M Revenue</b>			<b>\$4,956,000</b>	<b>\$5,168,000</b>	<b>\$5,192,100</b>	<b>\$5,232,700</b>	<b>\$5,284,600</b>	<b>\$1,438,000</b>	<b>27%</b>	<b>\$5,272,700</b>
<b>O&amp;M Expenditures</b>										
2 Phone/Supplies/BadDebt/Misc	See Sch		100,700	107,400	124,800	124,000	197,000	34,400	17%	198,500
2 System Maintenance & Supplies	See Sch		1,450,200	1,282,800	1,293,600	1,027,700	1,662,400	317,800	19%	1,720,600
2 Special Technical Svcs	See Sch		109,500	142,400	17,600	8,800	169,700	1,800	1%	154,700
2 Fed/State Permit Fees	2159		51,700	57,900	67,100	68,300	74,000	600	1%	75,500
2 General Insurance Allocation Isf	2071		28,000	24,200	12,500	13,200	29,700	14,800	50%	29,700
2 Indirect Recovery	2158		16,300	13,500	16,300	14,900	13,200	6,500	49%	13,150
2 O&M Labor	2205		1,849,700	1,981,000	2,226,300	2,194,200	2,228,200	926,000	42%	2,330,200
2 Mgnt. & Admin Svcs	2204		133,800	129,900	147,800	149,300	165,800	41,500	25%	165,800
2 Wastewater Analysis	2188		36,200	33,700	46,200	45,600	50,000	13,100	26%	47,000
3 Sewage System Power	2313		272,300	357,400	376,700	402,500	427,700	114,900	27%	508,900
3 Sewage Treatment Costs	2104SM04		184,000	172,100	154,300	247,100	130,000	138,400	106%	164,800
3 Rights Of Way Easements Purchase	3552		500	-	-	-	-	-		-
3 Depreciation Expense	3611		1,079,700	1,312,900	1,289,500	1,317,600	1,300,700	546,800	42%	1,302,400
3 PY ACFR Adjustment				16,157	(16,157)	-	-	-		-
<b>Total Uses of Funds</b>			<b>\$5,312,600</b>	<b>\$5,631,357.0</b>	<b>\$5,756,543.0</b>	<b>\$5,613,200.0</b>	<b>\$6,448,400</b>	<b>\$2,156,600</b>	<b>33%</b>	<b>\$6,711,250</b>
3 Result of Operation			(\$356,600)	(\$463,357)	(\$564,443)	(\$380,500)	(\$1,163,800)	(\$718,600)		(\$1,438,550)
3 Transfer to/fr Capital Reserve			\$356,600	\$463,357	\$564,443	\$380,500	\$1,163,800	\$718,600		\$1,438,550
<b>Ending Balances</b>			<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>		<b>\$0</b>
<b>Minimum Balance</b>										
4 25%	O&M expenses		\$1,328,150	\$1,407,839	\$1,439,136	\$1,403,300	\$1,612,100	\$539,150		\$1,677,813
4 10%	of rate revenue		\$421,330	\$437,030	\$433,280	\$439,710	\$437,050	\$107,800		\$438,010

Acquisition&Replacement Fund			FY19 ACTUAL	FY20 ACTUAL	FY21 ACTUAL	FY22 ACTUAL	FY23 ADJ BUDGET	FY23 ACTUAL	BUDGET to ACTUAL %	FY23 YR-END PRJ
4	<b>Beginning Balances</b>		<b>\$7,710,800</b>	<b>\$8,055,200</b>	<b>\$9,637,568</b>	<b>\$10,399,125</b>	<b>\$11,824,025</b>	<b>\$11,824,025</b>		<b>\$11,824,025</b>
5										
5	<b>Sources of Funds</b>									
5	Interest Earnings	8911	175,600	158,900	48,400	35,100	61,900	36,800	59%	76,900
5	State/Fed Aid	9252	-Prop 84	2,400	-	-	268,700	(268,700)	-4%	4,245,700
5	Sewer Connection Fees	9611	-	124,600	5,400	26,500	19,000	11,500	61%	19,000
5	Other Revenue & Misc Fees	9790	-	-	-	-	-	-	-	-
5	Solar Photovoltaic System - SCE Incentive	9790	-	-	-	-	-	-	-	-
5	Loan Proceed	9841	-	-	-	-	-	-	-	-
5	Depreciation Expense	3611	CY Fund	1,079,700	1,312,900	1,289,500	1,317,600	1,300,700	42%	1,302,400
5	PY ACFR Adjutment			709,625	464,800	634,500	-	-	-	-
6	<b>Total - Sources of Funds</b>		<b>\$1,257,700</b>	<b>2,306,025.0</b>	<b>1,808,100.0</b>	<b>2,282,400.0</b>	<b>8,358,600.0</b>	<b>326,400.0</b>		<b>5,644,000.0</b>
6										
6	<b>Uses of Funds</b>									
6	<b>System Improvement and Replacement:</b>	4113								
6	General Sewer System Improvements	4113	236,919	-	-	-	100,000	-	0%	100,000
6	MWTP 3RW Basin and Pump	4113	149,281	-	-	-	-	-	-	-
7	Biolac Automation Upgrade	4113	-	29,100	-	-	-	-	-	-
7	Sewer Replacement and Relining	4113	-	-	-	-	-	-	-	-
7	Recycled Wtr Pipe Line @ Rustic Canyon	4113	-	-	-	-	-	-	-	-
7	Headworks Screen Replacement	4113	-	-	-	-	150,000	-	0%	150,000
7	MWTP Control System Upgrade	4113	-	-	-	-	300,000	-	0%	300,000
7	MWRF Generator Replacement	4113	-	-	-	-	300,000	-	0%	300,000
7	Recycled Wtr Pond Pipe Mod	4113	-	-	-	-	-	-	-	-
7	Equipment:									
7	Pump Station No 1, EFF PS Flowmeter	2112	-	-	-	-	-	-	-	-
8	Replace Pump #3 @ Effl Pond & w/ VFD	2112	-	88,200	-	-	-	-	-	-
8	Replace Pump #2 @ Reclaim PS	2112	-	-	-	-	-	-	-	-
8	Replace Pump #3@ Arroyo Lift Station	2112	50,500	-	-	-	-	-	-	-
8	System Maintenance & Supplies	2112	-	-	-	-	-	-	-	-
8	Valve Replacement	2112	-	-	-	-	-	-	-	-
8	Access Road Improvement & Others	2112	-	27,500	-	-	-	-	-	-
8	Replace Pump #1 @ Equalization Basin	2112	25,400	-	-	-	-	-	-	-
9	Replace Base of Pump #1@ Arroyo Lift Statio	2112	-	-	-	-	-	-	-	-
9	Repair/Recoat Final Clarifier #2	2112	-	-	-	-	-	-	-	-
9	Belt Press Facility Rehab	2112	-	-	-	-	75,000	-	-	50,000
9	Turbidity Meter Repl MWRF	2112	-	-	-	-	25,000	-	-	-
9	Princeton Sewer	2112	-	-	-	-	98,000	-	-	-
10	Other Replacement & Maintenance	2112	-	29,000	-	-	-	-	-	-
10	<b>System Constructioin Project:</b>	4116								
10	Sewer Construction Project	4116	-	-	-	-	-	-	-	-
10	MWTP Office/Lab Bldg Upgrade	4116	200	-	-	-	-	-	-	-
10	Reclaimed Water System - Phase IV	4116	23,900	-	-	-	-	-	-	-
10	Sludge Digester	4116	-	-	12,000	-	12,200	-	0%	12,200
10	MWTP Hwy 118 Left Turn Lane	4116	10,900	58,800	61,300	5,900	1,367,700	8,200	1%	1,375,900
10	Moorpark Desalter for Recycled Water	4116	-	-	-	-	-	-	-	-
11	Water Supply Reliability Program	4116	-	-	-	340,200	8,172,600	155,100	2%	4,557,900
11	Energy Storage & Micro-Grid Proj	4116	-	-	-	-	-	-	-	-
11	Storage Warehouse	4116	-	-	21,500	65,100	978,200	25,300	3%	940,500
11	<b>Total System Construction Project</b>	4116	<b>\$497,100</b>	<b>\$232,600</b>	<b>\$94,800</b>	<b>\$411,200</b>	<b>\$11,578,700</b>	<b>\$188,600</b>	<b>2%</b>	<b>\$7,786,500</b>
11										
11	Other Equipment	4601	5,800	-	-	-	14,000	8,500	61%	14,500
11	Computer Software	4701	-	-	-	-	10,000	-	0%	10,000
11	Contributions To Other Funds	5111	20,900	5,000	350,900	10,900	538,000	248,600	46%	537,900
11	Indirect Recovery	2158	50/50=	16,400	13,500	16,200	14,800	13,100	50%	13,150
11	PWA ES Contract Svcs	2204ES04	16,500	9,200	20,200	40,100	20,200	-	0%	20,200
12	Contingencies	6101	-	-	-	-	-	-	-	-
12	PY ACFR Adjutment									
12	<b>Total - Uses of Funds</b>		<b>\$556,700</b>	<b>\$260,300</b>	<b>\$482,100</b>	<b>\$477,000</b>	<b>\$12,174,000</b>	<b>\$452,200</b>	<b>4%</b>	<b>\$8,382,250</b>
12										
12	Net Cash Balance		<b>\$701,000</b>	<b>\$2,045,725</b>	<b>\$1,326,000</b>	<b>\$1,805,400</b>	<b>(\$3,815,400)</b>	<b>(\$125,800)</b>		<b>(\$2,738,250)</b>
12										
12	Transfer to/fr O&M		(\$356,600)	(\$463,357)	(\$564,443)	(\$380,500)	(\$1,163,800)	(\$718,600)		(\$1,438,550)
12	<b>Ending Balances</b>		<b>\$8,055,200</b>	<b>\$9,637,568</b>	<b>\$10,399,125</b>	<b>\$11,824,025</b>	<b>\$6,844,825</b>	<b>\$10,979,625</b>		<b>\$7,647,225</b>

WATERWORKS DISTRICT NO. 1 - SANITATION DIV.  
OPERATIONS AND MAINTENANCE  
FINANCIAL STATUS REPORT

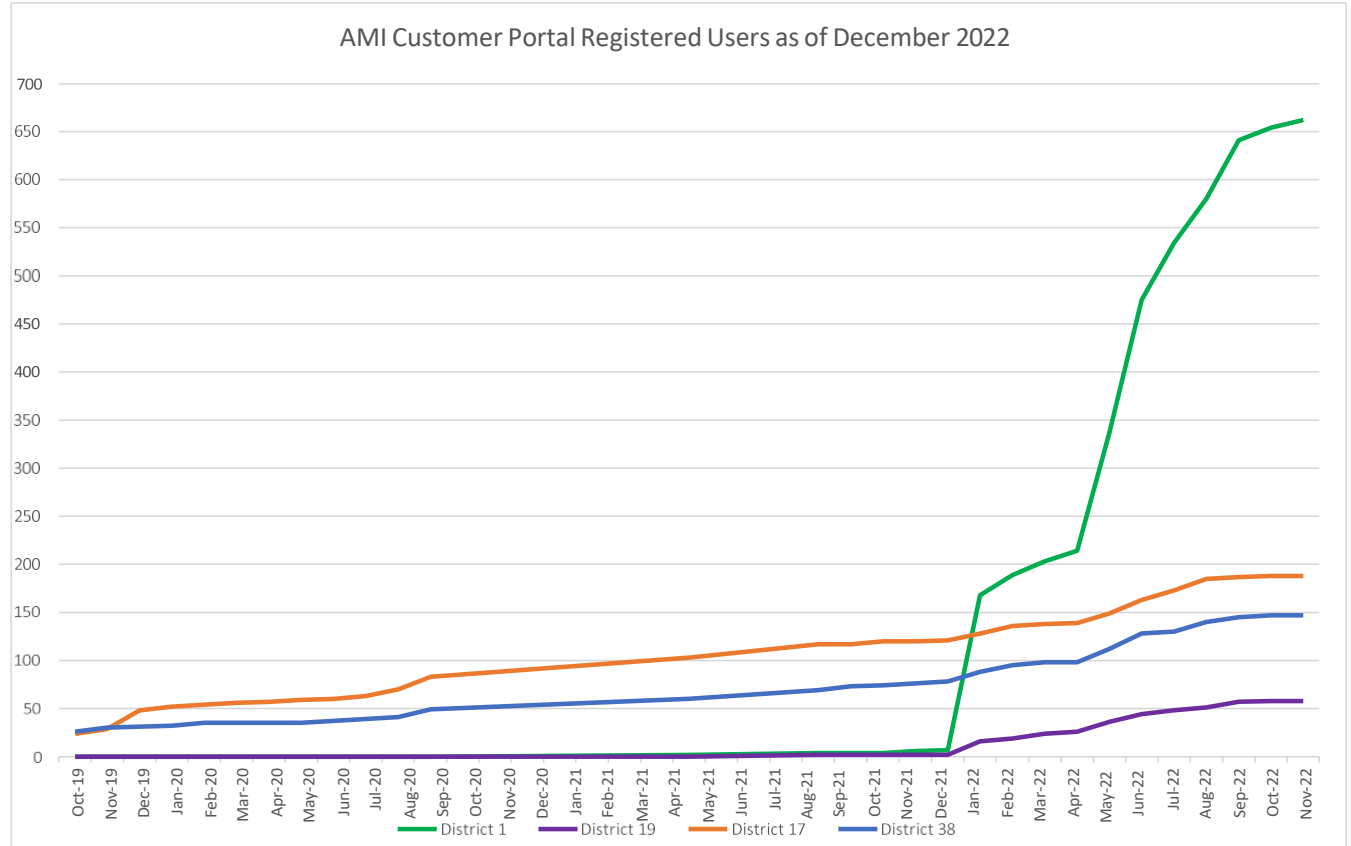
CURRENT PERIOD ACTIVITIES TO		AP 05 ENDED 11/30/2022						
			A	A	B	C	D	
DESCRIPTION		ACTUAL	ADPT BUDGE	ADJ BUDGE	CURRENT	% of	PROJ/N	CURRENT PERIOD
		FY 22	FY 23	FY 23	ACTUAL	Act / Bud	6/30/23	COMMENTS
<b>EXPENDITURES</b>								
1	Phone/Supplies/BadDebt/Misc	124.0	197.0	197.0	34.4	17.5%	198.5	
2	System Maintenance & Supplies	1,027.7	1,544.7	1,662.4	317.8	19.1%	1,720.6	
3	Collection System Cleaning	14.2	350.0	450.0	0.0	-	400.0	VRSD
4	Percolation Pond Maint & Pond Dredging	24.4	25.0	25.0	0.0	-	25.0	Sharma Gen Eng'g
5	Removal and Reuse of Biosolids	239.4	230.0	230.0	45.2	19.7%	200.0	Tule Ranch/Nursery Products
6	Pump maintenance & Other Contracts/Supplies	749.7	939.7	957.4	272.6	28.5%	1,095.6	Flo Systems, Dieners Elect, Vaughans Ind, etc.
7	Special Technical Svcs	8.8	150.0	169.7	1.8	1.1%	154.7	Flow Monitoring, Video Inspec, Eng&Tech, Biosolids
8	Collection System Flow Monitoring, Odor Contr	0.0	0.0	0.0	0.0	-	-	
9	Video Inspec'n/Chloride Control/Trouble Shoot	7.1	70.0	70.0	1.8	2.6%	89.7	
10	Engineering and Technical Surveys	0.0	0.0	2.4	0.0	-	-	
11	Biosolids Mgmt Plan, EIR & Other Studies	0.0	0.0	0.0	0.0	-	-	
12	Misc. Studies	1.7	80.0	97.3	0.0	-	65.0	CT Study, Blower Optimization & Others
13	Fed/State Permit Fees	68.3	74.0	74.0	0.6	0.8%	75.5	
14	General Insurance Allocation Isf	13.2	29.7	29.7	14.8	49.8%	29.7	
15	Indirect Recovery	14.9	13.2	13.2	6.5	49.2%	13.2	
16	O&M Labor	2,194.2	2,228.2	2,228.2	926.0	41.6%	2,330.2	PWA Labor
17	Mgmt. & Admin Svcs	149.3	165.8	165.8	41.5	25.0%	165.8	
18	Wastewater Analysis	45.6	50.0	50.0	13.1	26.2%	47.0	Fisher Scientific, Hach Co, Environ Res Assoc, FGL
19	Sewage System Power	402.5	427.7	427.7	114.9	26.9%	508.9	SCE charges
20	Sewage Treatment Costs	247.1	130.0	130.0	138.4	106.5%	164.8	Polydyne, HASA
21	Rights Of Way Easements Purchase	0.0	0.0	0.0	0.0	-	-	
22	Depreciation Expense	1,317.6	1,300.7	1,300.7	546.8	42.0%	1,302.4	
23	<b>TOTAL EXPENDITURES</b>	<b>5,613.2</b>	<b>6,311.0</b>	<b>6,448.4</b>	<b>2,156.6</b>	<b>33.4%</b>	<b>6,711.3</b>	
<b>REVENUES</b>								
24	Rents And Concessions	0.0	0.0	0.0	0.0	-	-	
25	Plan. Eng Svcs	2.9	1.0	1.0	0.3	30.0%	1.0	Plan Check & Inspection fee
26	Sewer Svcs Charges	4,397.1	4,370.5	4,370.5	1,078.0	24.7%	4,380.1	Sewer charges
27	Reclamation Water Sales	824.6	913.1	913.1	357.7	39.2%	889.6	Reclaimed Water Sales
28	Other Revenue & Misc Fees	8.1	0.0	0.0	2.0	-	2.0	
30	Gain/Loss Revenue Capital Assets	0.0	0.0	0.0	0.0	-	-	
31	<b>TOTAL REVENUES</b>	<b>5,232.7</b>	<b>5,284.6</b>	<b>5,284.6</b>	<b>1,438.0</b>	<b>27.2%</b>	<b>5,272.7</b>	
32	<b>NET OF OPERATION</b>	<b>(380.5)</b>	<b>(1,026.4)</b>	<b>(1,163.8)</b>	<b>(718.6)</b>		<b>(1,438.6)</b>	
33	BEGIN. FUND BALANCE	0.0	0.0	0.0	0.0		-	
34	PY ACFR Adjustments	0.0			0.0		-	
35	TRANSFER TO/FROM CAPITAL	380.5	1,026.4	1,163.8	718.6		1,438.6	
36	<b>ENDING O&amp;M FUND BALANCE</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>		<b>-</b>	

WATERWORKS DISTRICT NO. 1 - SANITATION DIV.  
CAPITAL PROJECTS  
FINANCIAL STATUS REPORT

CURRENT PERIOD ACTIVITIES TO		AP 05 ENDED 11/30/2022								
		B	B	C	D	E			F	
		ACTUAL	ADPT BUDGET	ADJ BUDGET	CURRENT PERIOD FY 20			% of	PROJ'N	CURRENT PERIOD
DESCRIPTION		FY 22	FY 23	FY 23	EXP/REV	ENC	TOTAL	Act/Bud	6/30/23	COMMENTS
1	<b>EXPENDITURES</b>									
2	General Sewer System Improvements	-	100.0	100.0	-	-	-	-	100.0	
3	Sewer Replacement and Relining	-	-	-	-	-	-	-	-	
4	Recycled Wtr Pipe Line @ Rustic Canyon	-	-	-	-	-	-	-	-	
5	Headworks Screen Replacement	-	150.0	150.0	-	-	-	-	150.0	
6	MWTP Control System Upgrade	-	300.0	300.0	-	-	-	-	300.0	
7	Recycled Wtr Pond Pipe Mod	-	-	-	-	-	-	-	-	
8	MWRF Generator Replacement	-	300.0	300.0	-	-	-	-	300.0	
9	Equipment:									
10	<i>Replace Pump #3 @ Effl Pond &amp; w/ VFD</i>	-	-	-	-	-	-	-	-	
11	<i>Pump Station No 1, EFF PS Flowmeter</i>	-	-	-	-	-	-	-	-	
12	System Maintenance Supplies:									
13	<i>Valve Replacement</i>	-	-	-	-	-	-	-	-	
14	<i>Replace Base of Pump #3 @ Arroyo Lift Station</i>	-	-	-	-	-	-	-	-	
15	<i>Replace Base of Pump #1 @ Arroyo Lift Station</i>	-	-	-	-	-	-	-	-	
16	<i>Belt Press Facility Rehab</i>	-	75.0	75.0	-	-	-	-	50.0	
17	<i>Turbidity Meter Repl MWRF</i>	-	25.0	25.0	-	-	-	-	-	
18	<i>Princeton Sewer</i>	-	98.0	98.0	-	-	-	-	-	
19	<i>Other Replacement &amp; Maintenance</i>	-	-	-	-	-	-	-	-	
20	<b>TOTAL REPLACEMENT FD</b>	-	1,048.0	1,048.0	-	-	-	-	900.0	
21	Land Purchase	-	-	-	-	-	-	-	-	
22	Special Technical Svcs	-	-	-	-	-	-	-	-	
23	Indirect Recovery	14.8	13.1	13.1	6.5	-	6.5	49.6%	13.2	
24	PWA ES Contract Svcs	40.1	20.2	20.2	-	-	-	-	20.2	
25	Sludge Digester	-	-	12.2	-	12.2	12.2	-	12.2	
26	Moorpark Desalter for Recycled Water	-	-	-	-	-	-	-	-	
27	Water Supply Reliability Program	340.2	8,043.0	8,172.6	155.1	-	155.1	1.9%	4,557.9	
28	Energy Storage & Micro-Grid Proj	-	-	-	-	-	-	-	-	
29	Storage Warehouse	65.1	854.0	978.2	25.3	-	25.3	2.6%	940.5	
30	MWTP Hwy 118 Left Turn Lane	5.9	1,250.0	1,367.7	8.2	124.2	132.4	0.6%	1,375.9	
31	Equipment:									
32	<i>Construction Equipment</i>	-	-	8.0	0.0	-	0.0	0.5%	6.0	
33	<i>Computer Software</i>	-	10.0	10.0	-	-	-	-	10.0	
34	<i>Other equipment</i>	-	6.0	6.0	8.5	-	8.5	141.0%	8.5	
35	Contributions To Other Funds	10.9	538.0	538.0	248.6	-	248.6	46.2%	537.9	
36	Contingencies	-	-	-	-	-	-	-	-	
37	<b>TOTAL CAPITAL ACQ. FD</b>	477.0	10,734.3	11,126.0	452.2	136.5	588.7	4.1%	7,482.3	
38	<b>TOTAL EXPENDITURES</b>	<b>477.0</b>	<b>11,782.3</b>	<b>12,174.0</b>	<b>452.2</b>	<b>136.5</b>	<b>588.7</b>	<b>3.7%</b>	<b>8,382.3</b>	
39	<b>REVENUES</b>									
40	Interest Earnings	35.1	61.9	61.9	36.8	-	36.8	59.5%	76.9	
41	State/Fed Aid	268.7	6,977.0	6,977.0	(268.7)	-	(268.7)	(3.9%)	4,245.7	
42	Sewer Connection Fees	26.5	19.0	19.0	11.5	-	11.5	60.5%	19.0	
43	Other Revenue & Misc Fees	-	-	-	-	-	-	-	-	
44	Loan Proceed	-	-	-	-	-	-	-	-	
45	Gain/Loss Capital Asset	-	-	-	-	-	-	-	-	
46	<b>TOTAL REVENUES</b>	<b>330.3</b>	<b>7,057.9</b>	<b>7,057.9</b>	<b>(220.1)</b>	<b>-</b>	<b>(220.4)</b>	<b>(3.1%)</b>	<b>4,341.6</b>	
47	<b>NET OF OPERATION</b>	<b>(146.7)</b>	<b>(4,724.4)</b>	<b>(5,116.1)</b>	<b>(672.1)</b>	<b>(136.5)</b>	<b>(809.1)</b>		<b>(4,040.7)</b>	
48	Beginning Fund Balance	10,399.1	11,824.0	11,824.0	11,824.0	-	11,824.0	-	11,824.0	
49	Depreciation Expense	1,317.6	1,300.7	1,300.7	546.8	-	546.8	-	1,302.4	
50	PY ACFR Adjustments	634.5	-	-	-	-	-	-	-	
51	Transfer to/from O&M	(380.5)	(1,026.4)	(1,163.8)	(718.6)	-	(718.6)	-	(1,438.6)	
52	<b>ENDING CAPITAL FUND BALANCE</b>	<b>11,824.0</b>	<b>7,373.9</b>	<b>6,844.8</b>	<b>10,979.6</b>	<b>-</b>	<b>10,843.2</b>		<b>7,647.2</b>	
53										
54	<b>FUND BAL SUMMARY:</b>		<b>CAP ACQ</b>	<b>REPL</b>	<b>TOTAL</b>					
55	BEGIN BALANCE		-	11,824.0	11,824.0					
56	ACFR ADJUSTMENT		-	-	-					
57	NET CY EXPEND		(7,482.3)	(900.0)	(8,382.3)					
58	NET CY REVENUE		4,341.6	-	4,341.6					
59	CY DEPRECIATION		-	1,302.4	1,302.4					
60	TRANSFER TO/FROM CAP/REPL		3,140.7	(3,140.7)	-					
61	TRANSFER TO/FROM O & M-		-	(1,438.6)	(1,438.6)					
62	END FUND BALANCE		-	7,647.2	7,647.2					

5. DIRECTOR'S INFORMATIONAL ITEMS- Provides the opportunity for the Director to present items that are not within the subject matter of the District's Staff Report.
  - AMI Report

Month	District 1	District 19	District 17	District 38
Sep-19	0	0	18	0
Oct-19	0	0	24	26
Nov-19	0	0	29	30
Dec-19	0	0	48	31
Jan-20	0	0	52	32
Feb-20	0	0	54	35
Mar-20	0	0	56	35
Apr-20	0	0	57	35
May-20	0	0	59	35
Jun-20	0	0	60	37
Jul-20	0	0	63	39
Aug-20	0	0	70	41
Sep-20	0	0	83	49
May-21	2	0	103	60
Sep-21	4	2	117	69
Oct-21	4	2	117	73
Nov-21	4	2	120	74
Dec-21	6	2	120	76
Jan-22	7	2	121	78
Feb-22	168	16	128	88
Mar-22	189	19	136	95
Apr-22	203	24	138	98
May-22	214	26	139	98
Jun-22	337	36	149	112
Jul-22	475	44	163	128
Aug-22	534	48	173	130
Sep-22	580	51	185	140
Oct-22	641	57	187	145
Nov-22	654	58	188	147
Dec-22	662	58	188	147
Jan-23	691	58	189	148



5. DIRECTOR'S INFORMATIONAL ITEMS- Provides the opportunity for the Director to present items that are not within the subject matter of the District's Staff Report.
- Master Plan Presentation



# District 1 Water Master Plan Brief

---



# UWMP and Master Plan Comparison

	UWMP	Master Plan
Purpose	<p>Fulfill the requirements outlined in the California Urban Water Management Planning Act (Act) and the Water Conservation Bill of 2009</p> <p>Provide the District, its partner agencies, and the public with an updated status and long-term water plan, including:</p> <ul style="list-style-type: none"> <li>-Water deliveries and uses</li> <li>-Water supply and sources</li> <li>-Efficient water uses</li> <li>-Demand management measures</li> <li>-Water shortage contingency planning</li> </ul>	<p>Provide a central comprehensive planning document to guide improvements to the District's water infrastructure.</p>
Update	Every 5 years	Updated 2008 (Penfield and Smith), 1992, 1981
Difference	Supply and use planning	Infrastructure

# Master Plan – Work Outside the Purview of the Plan

The Master Plan provides brief information on some of the following topics but this was not the main intent.

- ▶ Asset Management Plan
  - ▶ Not intended to set up a plan or recommend to the District when to replace infrastructure based on age, material, usage, etc.
- ▶ Operational Plan
  - ▶ The Master Plan does not contain exact advice on how we should operate the system to maximize efficiency and effectiveness.
- ▶ Strategic Plan
  - ▶ Does not have recommendation strategy for the future of the District.

# Main Updates

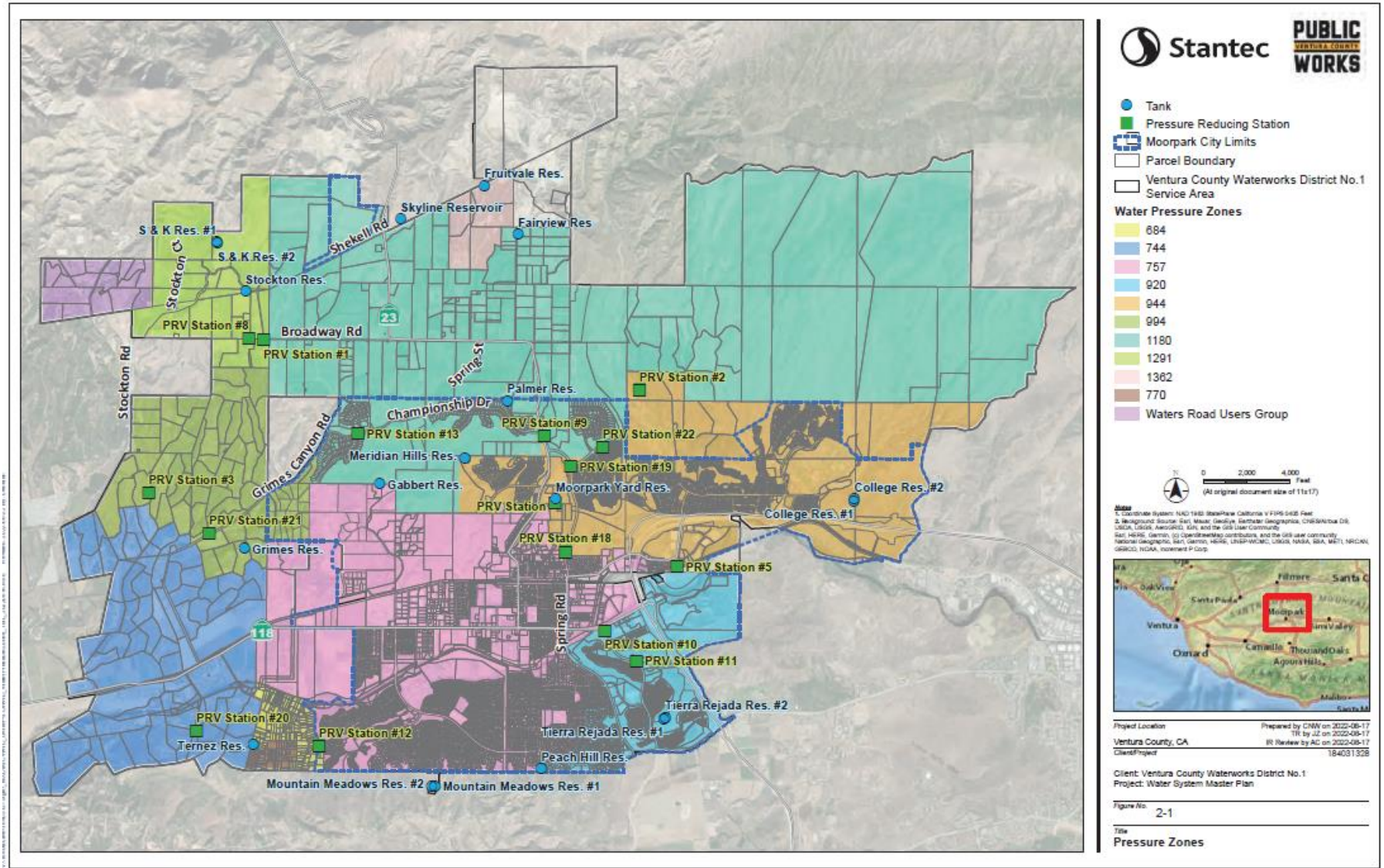
- ▶ Hydraulic Model
- ▶ System velocity and pressure analysis at required flows
- ▶ System storage analysis
- ▶ Consolidation of pressure zones
- ▶ Capital Improvement Projects

# Hydraulic Model

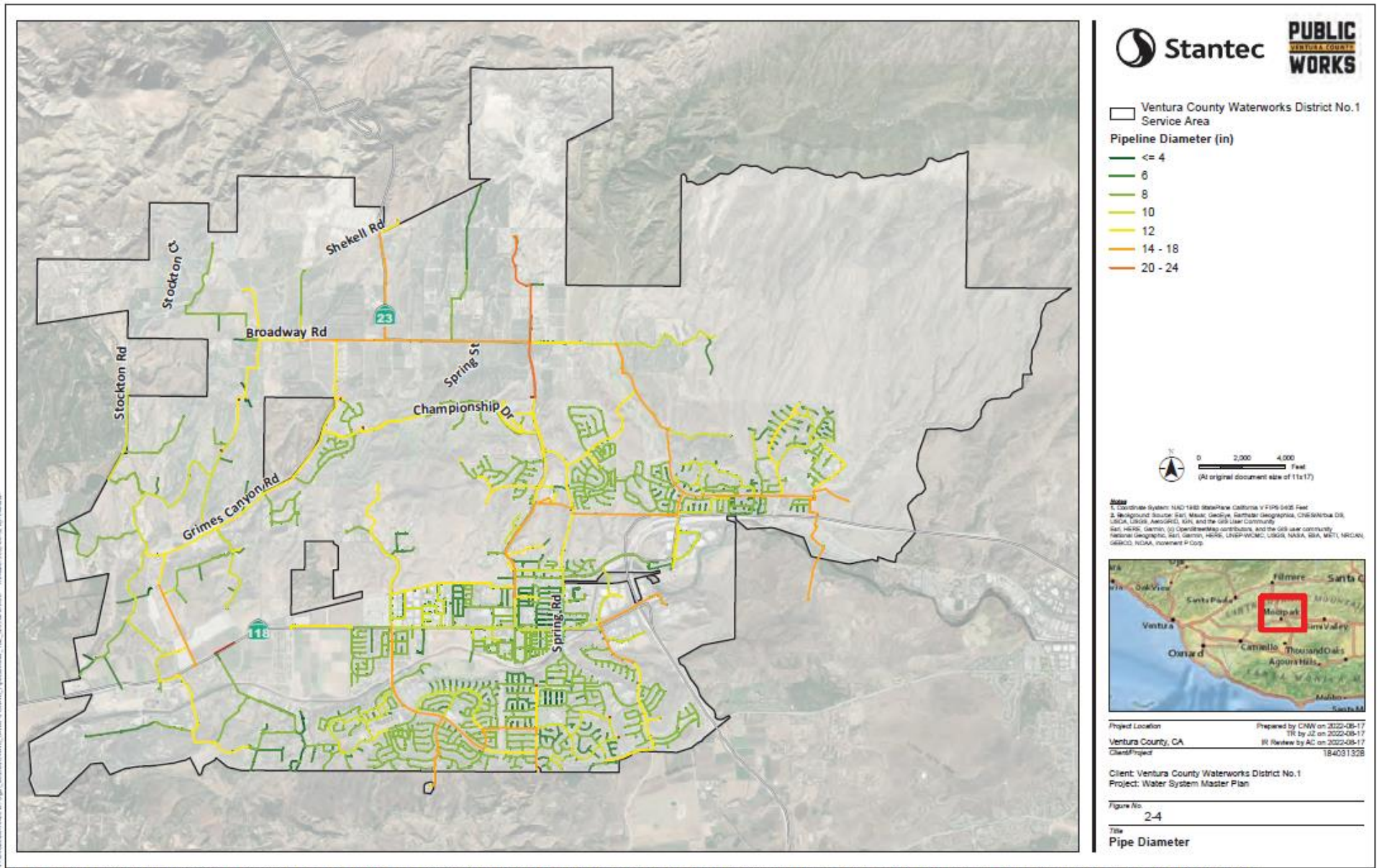
- ▶ Hydraulic Model
  - ▶ GIS/Water Model Backbone
    - ▶ Model was previously separated by zones. This effort made it a single comprehensive model. Added or corrected any of the components which were not accurate so the model will function accurately.
    - ▶ GIS was previously very simple
  - ▶ Current Water demands
    - ▶ Based on UWMP and calibrated with existing data – SCADA, AMI Data, fire flows, pump specifications
  - ▶ Future water demands
    - ▶ Used UWMP population estimates as well as Moorpark development to estimate



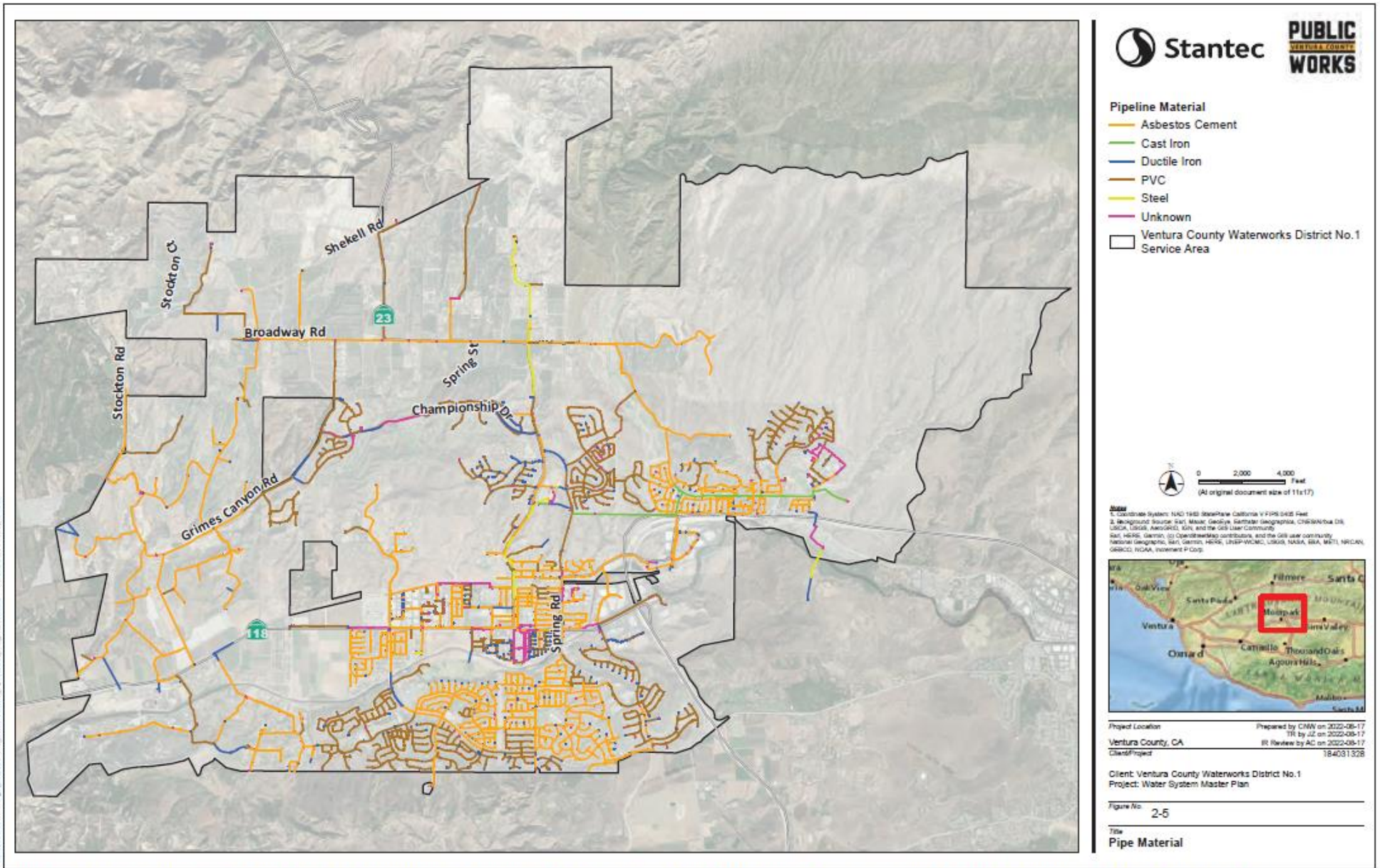
# PZ Map



# Pipe Diameter Map



# Pipe Material Map



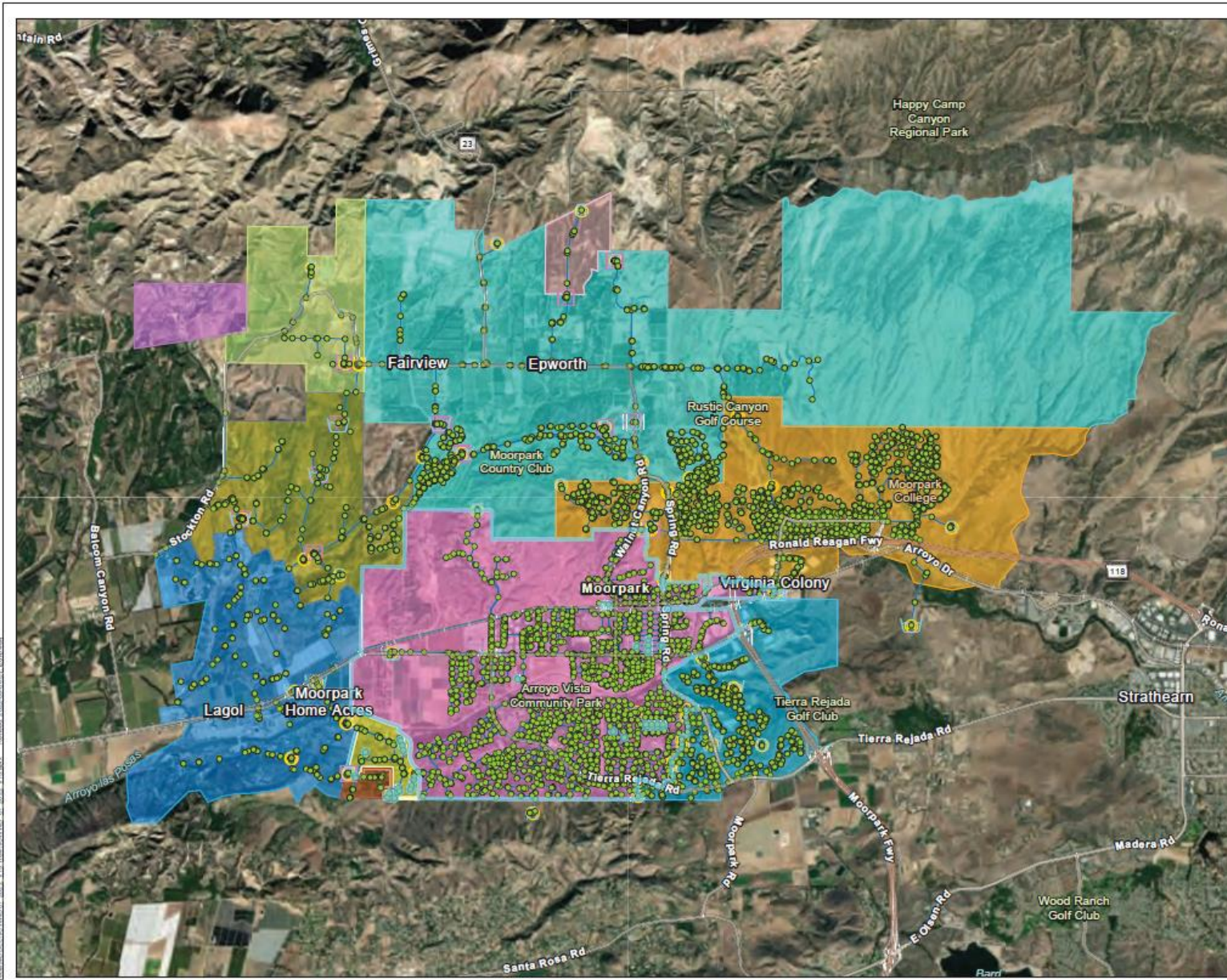


# System Velocity and Pressure Analysis

- ▶ **Low Pressure:** There are some low pressures at junction nodes in the system, but these are at nodes with no demand near tanks which is expected and inconsequential
- ▶ **High Pressure:** Pressures over 150 psi exist in the system in the far extents of zones or near pump stations. Customers in these area have historically operated with these pressures.
- ▶ **High Velocity & Head Loss:** Some areas have higher than recommended velocities and capital improvement projects were suggested in this plan to address this.



# Deficient Hydrants



## Pressure Zones

- 1180
- 1291
- 1362
- 684
- 744
- 757
- 920
- 944
- 994
- 770
- Waters Road Users Group

● Deficient Hydrant



**Notes**  
 1. Coordinate System  
 2. Background: Hybrid Reference Layer: County of Los Angeles, California State Parks, Earl, HERE, Garmin, SafeGraph, GeoTechnologies, Inc. METI/NASA, USGS, Bureau of Land Management, EPA, NPS, USDA  
 National Geographic, World Map, National Geographic, Earl, Garmin, HERE, UNEF-WCMC, USGS, NASA, ESA, METI, NRCAN, GEBCO, NOAA, Increment P Corp.



Project Location: Ventura County, CA  
 Prepared by: JTZ on 2022-09-01  
 TR by: JZ on 2022-09-01  
 IR Review by: AG on 2022-09-01

Client/Project: Client: Ventura County Waterworks District No. 1  
 Project: Water System Master Plan

Figure No.: 7-3

Title: Existing Deficient Hydrants

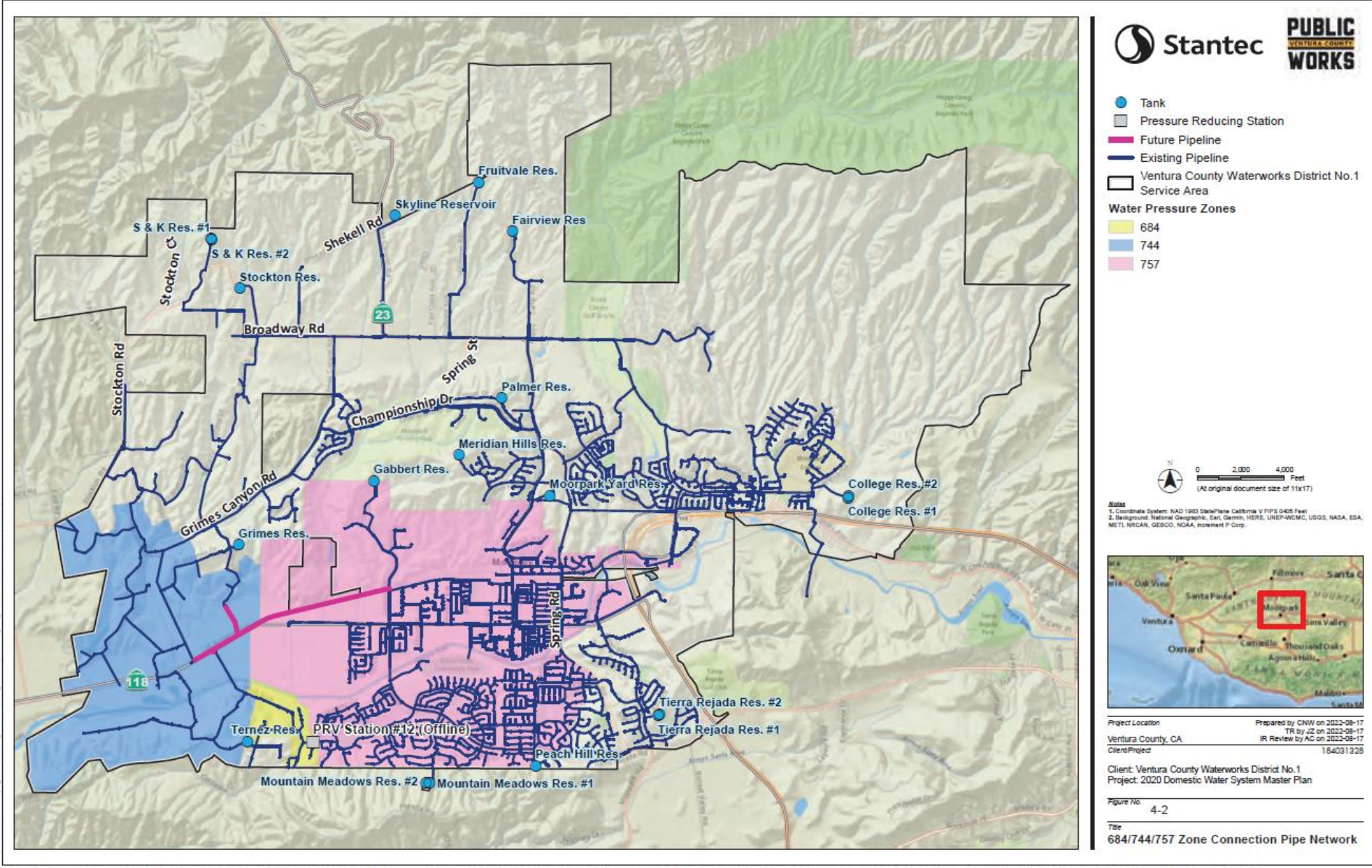
# System Storage Analysis

- ▶ The system has adequate storage (Fire Flow + MDD) with the completion of the existing capital projects:
  - ▶ 2 Stockton Reservoirs
  - ▶ Grimes Reservoir
  - ▶ Moorpark Yard Reservoir

# Consolidation of Pressure Zones

- ▶ Combine the 684, 744, and 757 Zones
  - ▶ Consolidation Provides:
    - ▶ More storage for the 684 and 744 some areas from the replacement of Grimes reservoir.
    - ▶ Elimination (non-replacement) of the Ternez/Home Acres Reservoir
    - ▶ Well water can be distributed to more customers and stored
    - ▶ More resilient system

# Consolidation Map



# Existing System Capital Improvement Projects

Project ID	Improvement Description	Diameter (inches)	Length (feet)
CIP-1	Upsize the 10-inch above ground main that supplies Walnut Canyon booster pump station and the 12-inch main to and from Moorpark Yard Reservoir to 16-inch.	16	160

Project ID	Improvement Description	Number of Fire flow Deficiency Hydrants	Diameter (inches)	Length (feet)
CIP-2	Upsize 4-inch water mains within the 757 zone to 8-inch: Approximately 40 LF within Clavele Ct. Approximately 40 LF within N. Skylark Ct. Approximately 330 LF within Amberwick Ln. Approximately 330 LF within Lantern Ln. Approximately 330 LF within Butterfield Ln. Approximately 330 LF within Bookdale Ln. Approximately 290 LF within Fallbrook Ln. Approximately 290 LF within Kimberwick Ln. Approximately 290 LF within Fireside Ln. Approximately 230 LF within Deepwell Ln. Replace 2-inch main approximately 215 LF within Loretta Dr. Upsize the 6-inch water main in W. High St. in the 757 zone to 8-inch. Approximately 535 LF.	14	8	3,250
CIP-3	Replace wharf hydrants within residential, commercial, and industrial areas with fire hydrant assemblies within the 757 zone	208	NA	NA

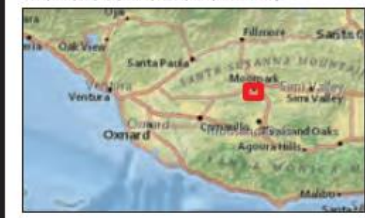




# CIP 2/3 - Water Main Replacement



Notes  
 1. Coordinate System:  
 2. Background Hybrid Reference Layer: Esri Community Maps Contributor, County of Los Angeles, California State Parks, Esri, HERE, Garmin, GeoTechnology, Inc., METI, NADA, USGS, Bureau of Land Management, EPA, NPS, US Census Bureau, USGA, National Geographic World Map, National Geographic, Esri, Garmin, HERE, UNEP-WCMC, USGS, NASA, ESA, METI, NRCAN, GEBCO, NOAA, increment P Corp.



Project Location	Prepared by GNV on 2022-09-27
Ventura County, CA	TR by JZ on 2022-09-27
Client/Project	IR Review by AC on 2022-09-27
Client: Ventura County Waterworks District No.1	
Project: Water System Master Plan	
Figure No.	7-5
Title	CIP-2



# Future System Capital Improvement Projects

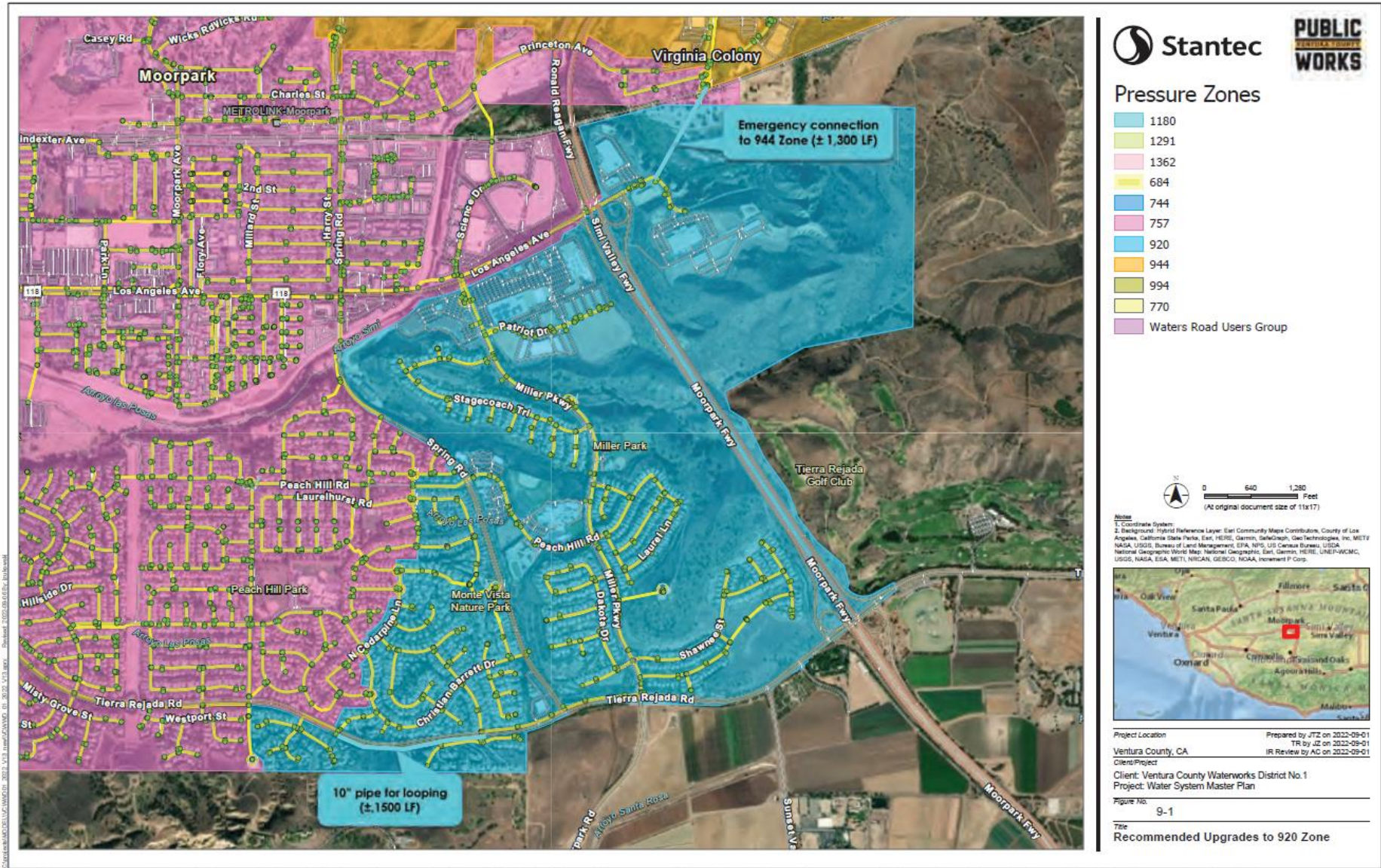
Project ID	Improvement Description	Number of Fire flow Deficiency Hydrants	Diameter (inches)	Length (feet)
CIP-1F	Upsize 4-inch water mains within the 684 zone to 8-inch Approximately 1,020 LF within Santa Rosa Drive Approximately 1,170 LF within Hitch Blvd. south of Dalaway Dr. Approximately 760 LF off Hitch Blvd. to Sunset Dr. Approximately 170 LF off Hill Dr.	15	8	3,120
Project ID	Improvement Description	Number of Fire flow Deficiency Hydrants	Diameter (inches)	Length (feet)
CIP-2F	Replace residential wharf hydrants within fire hydrant assemblies	9	NA	NA

# Future Water Main Replacement



Disclaimer: This document has been prepared based on information provided by others as cited in the Notes section. Stantec has not verified the accuracy and/or completeness of this information and shall not be responsible for any errors or omissions which may be incorporated herein as a result. Stantec assumes no responsibility for data provided in electronic format, and the recipient assumes full responsibility for verifying the accuracy and/or completeness of the data.

# Alternate Source for the 920 Zone



Disclaimer: This document has been prepared based on information provided by others as cited in the Notes section. Stantec has not verified the accuracy and/or completeness of this information and shall not be responsible for any errors or omissions which may be incorporated herein as a result. Stantec assumes no responsibility for data supplied in electronic format, and the recipient accepts full responsibility for verifying the accuracy and completeness of the data.



# Questions?

---

5. DIRECTOR'S INFORMATIONAL ITEMS- Provides the opportunity for the Director to present items that are not within the subject matter of the District's Staff Report.
- O&M Quarterly Report



# District 1 O&M Updates

---

FY 2023 – Second Quarter (Oct. 1, 2022 to Dec. 30, 2022)

# O&M – Distribution and Service

- ▶ Main Line Repairs: 0
- ▶ Service Leaks: 17
- ▶ Valve Maintenance: 255 valves exercised (Near Condor and Downtown)
- ▶ Line Flushing: 68 Hydrants and Blow-offs (920 and 747 Zones)
- ▶ Fire Flow Tests: 10
- ▶ Key Issues:
  - ▶ Water Conservation Monitoring
  - ▶ Well 20 Offline due to air entrainment; SWL is 15' above screen.
  - ▶ Well 95 falling production; likely pumps wearing-turn off at 300 gpm
  - ▶ Well 98 pulled 3/16/22 due to sanding; Brush and Patch bid opened 12/29/22; \$114,875. ETA April 2023.



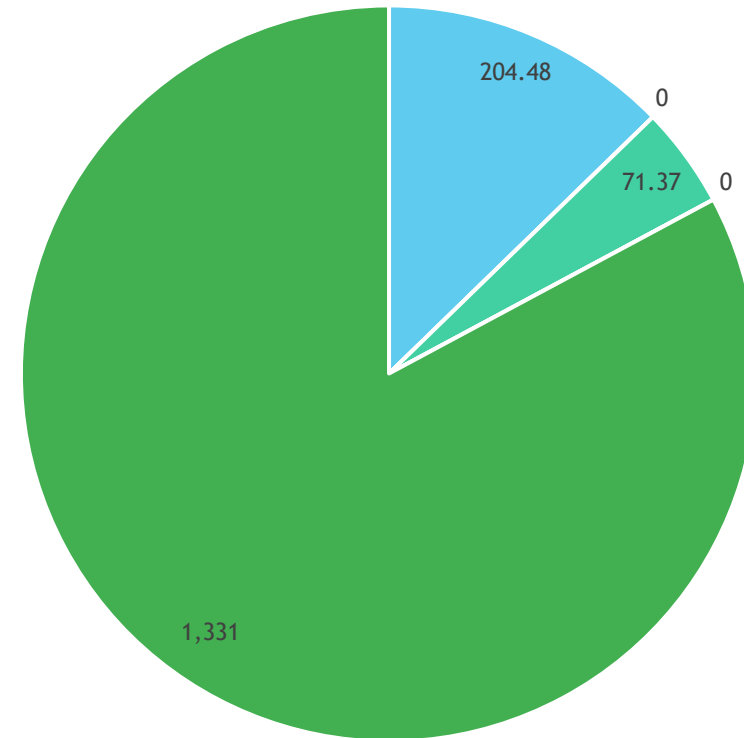
# Operations & Maintenance – Wells

- ▶ Well # 15 – 800 gpm nominal pumping rate
  - ▶ 205 AF pumped (Raw water Fe<100; Mn=30 ug/l; Finish water=ND)
- ▶ Well # 20 – 1,000 gpm nominal pumping rate
  - ▶ 0 AF pumped (Well down)
- ▶ Well # 95 – 500 gpm nominal pumping rate
  - ▶ 71 AF pumped (Raw water Fe=170 ug/l; Mn=70 ug/l)
- ▶ Well # 98 – 900 gpm nominal pumping rate
  - ▶ 0 AF pumped (Well down)

# Operations & Maintenance – Total Source Water

- ▶ Quarterly Well Water
  - ▶ 276 AF Pumped
- ▶ Quarterly CMWD
  - ▶ ~1,331 AF Delivered
  - ▶ Delivered from Las Posas Wellfield up to 12/7/22
  - ▶ Quality: Total Hardness=153 mg/L; Cl=87 mg/L

D1 FY232Q2 Source Water (AF)

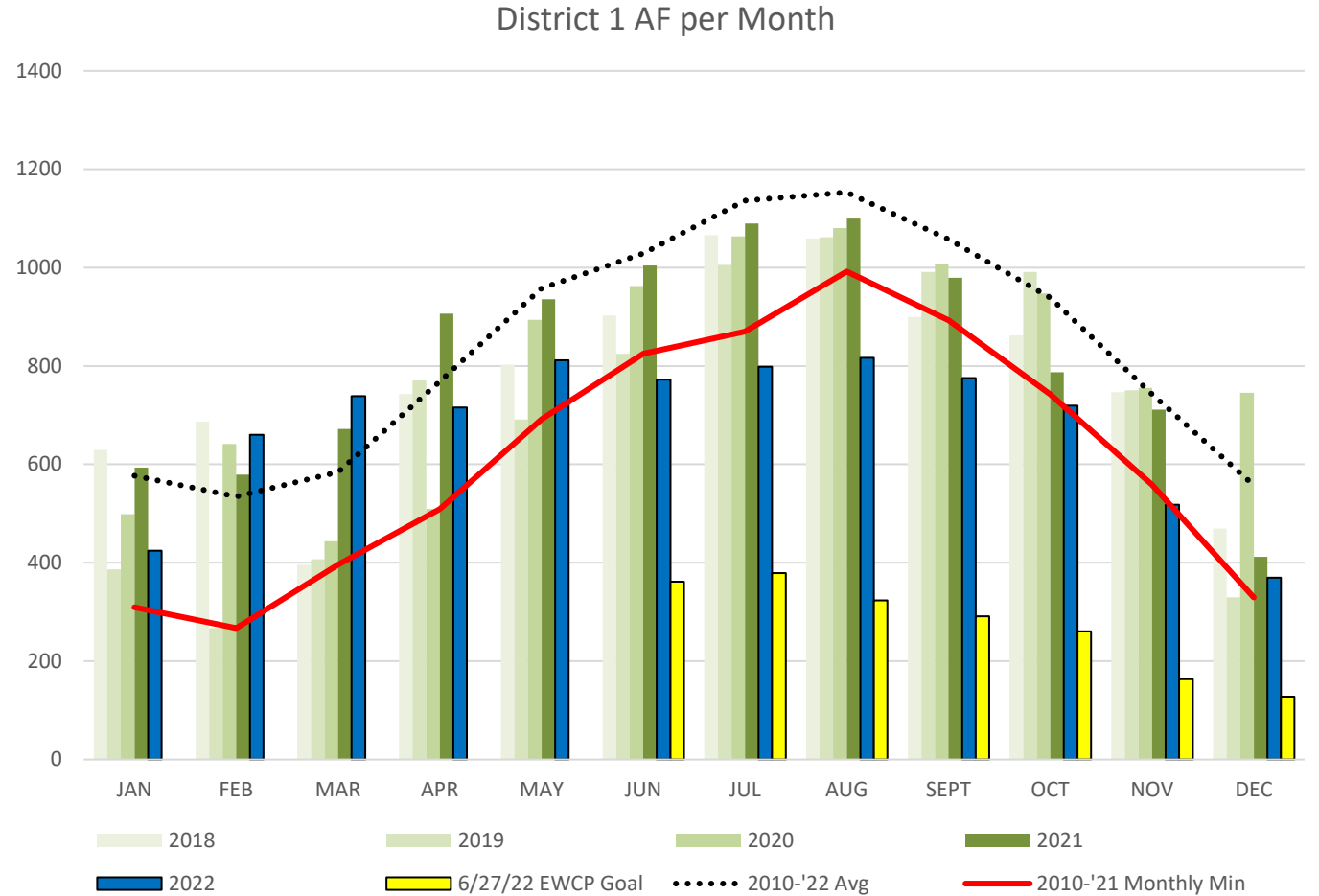
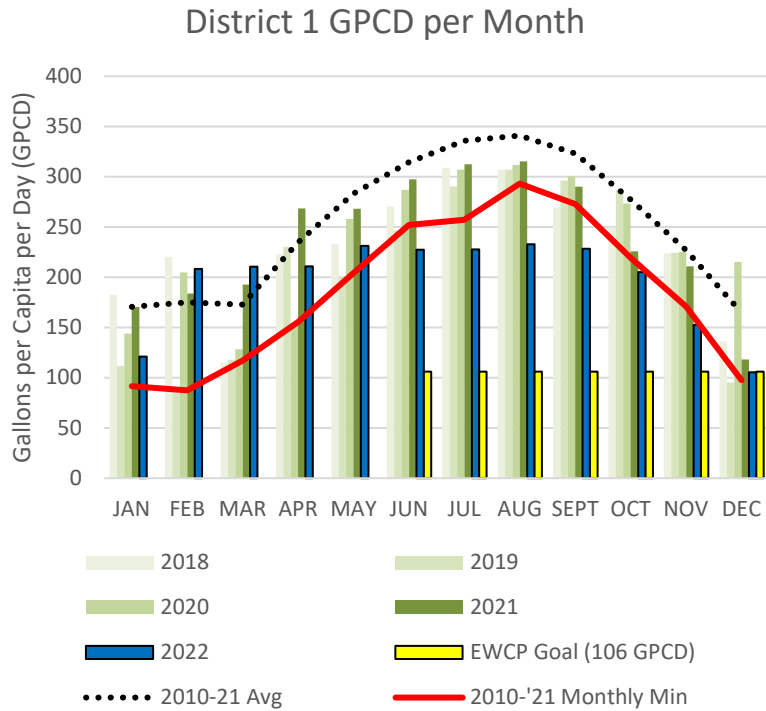


■ Well 15 ■ Well 20 ■ Well 95 ■ Well 98 ■ CMWD

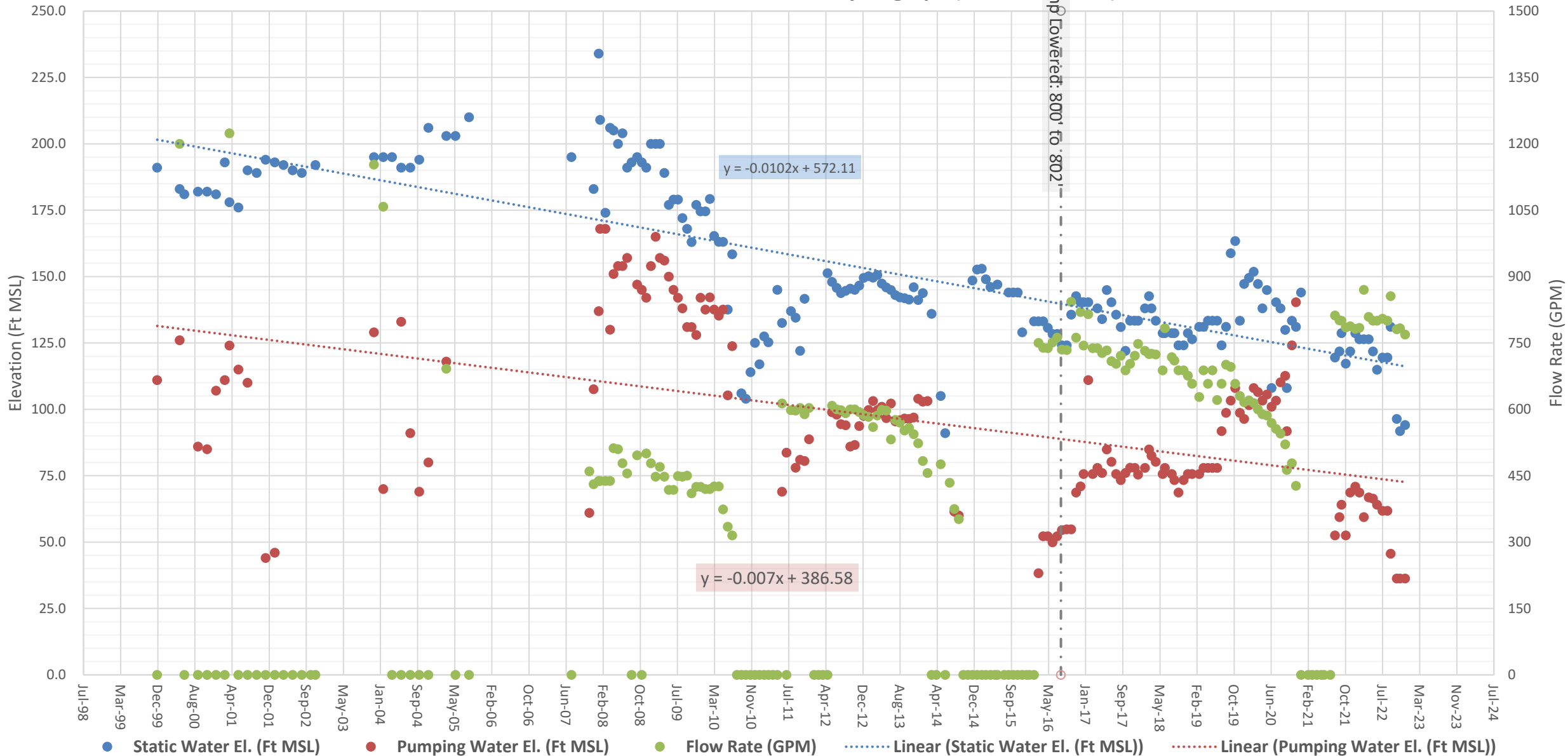
# Operations & Maintenance – Water Efficiency

## ▶ Total Source Water

▶ 1,607 AF Delivered in FY2023Q2

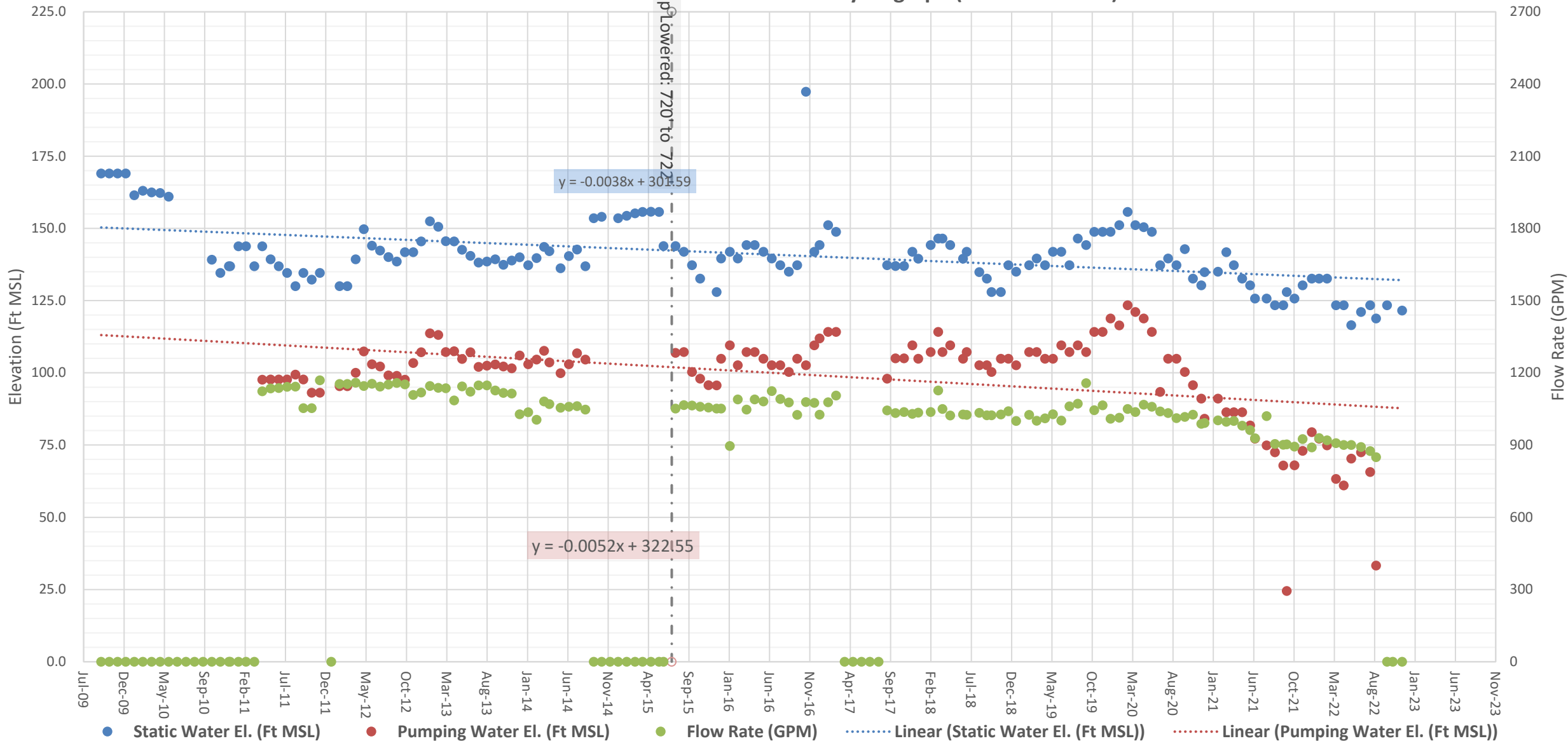


# VCWWD No. 1 - Well No. 15 Hydrograph (Surface Elevation 769')

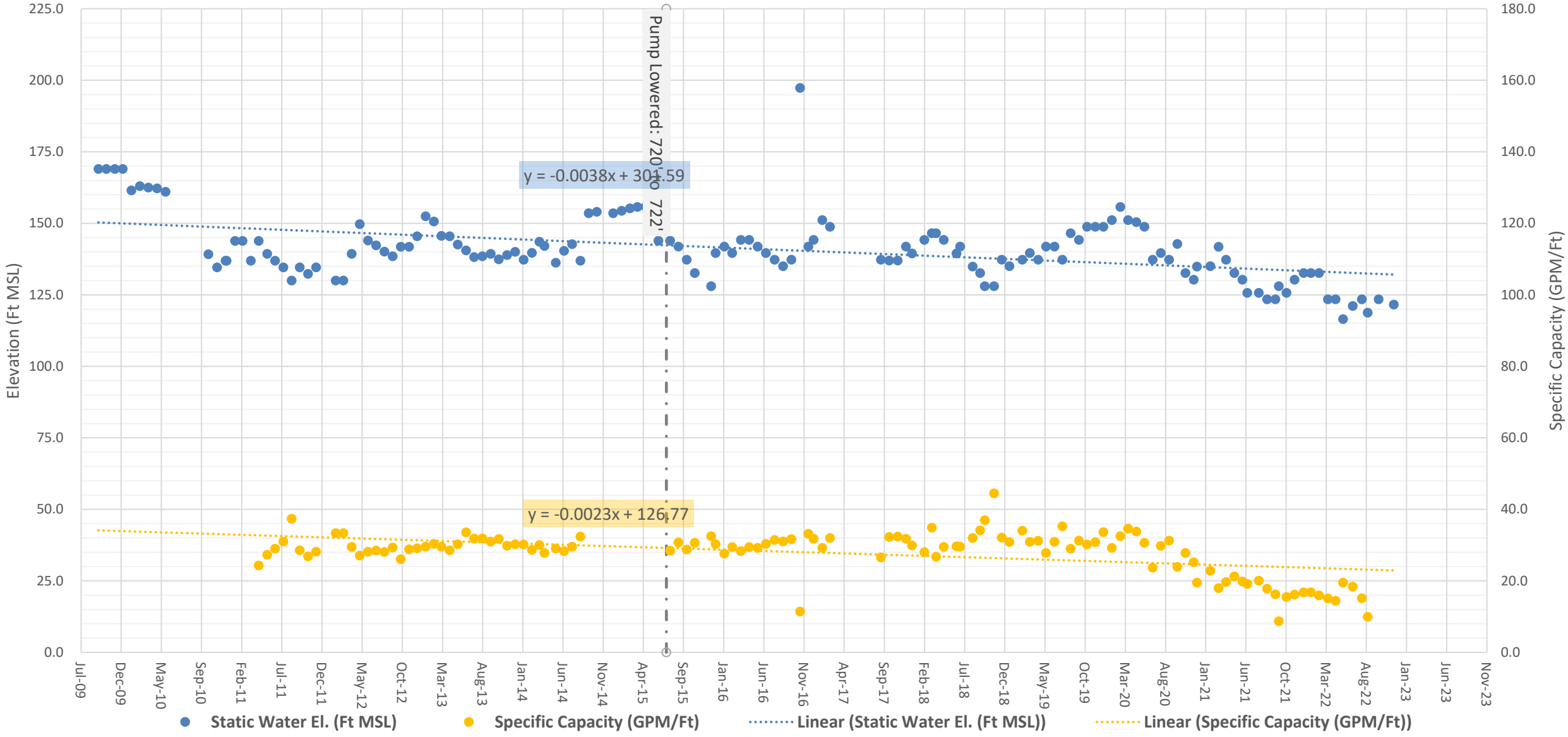


Pump Lowered: 800' to 802'

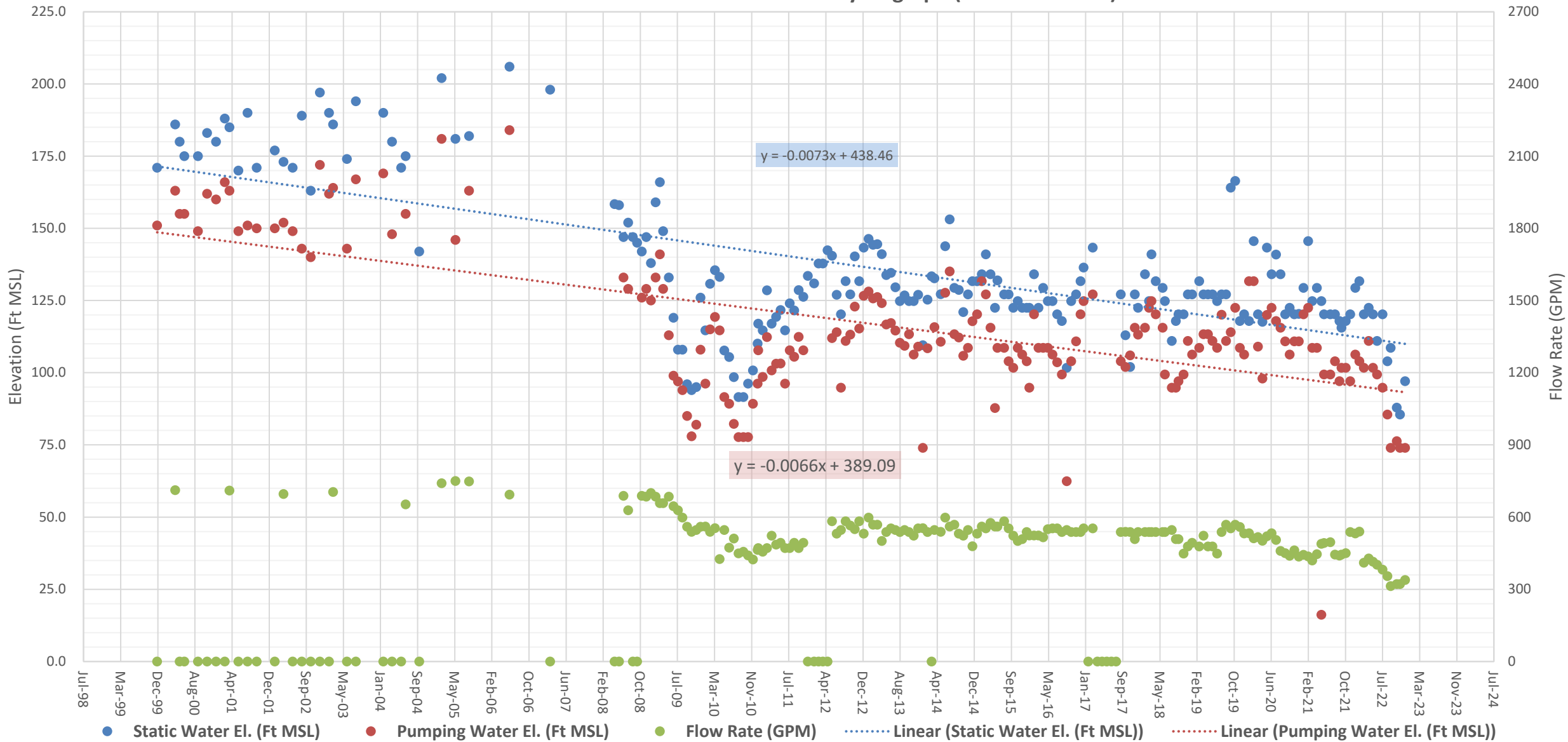
# VCWWD No. 1 - Well No. 20 Hydrograph (Surface El. 716')



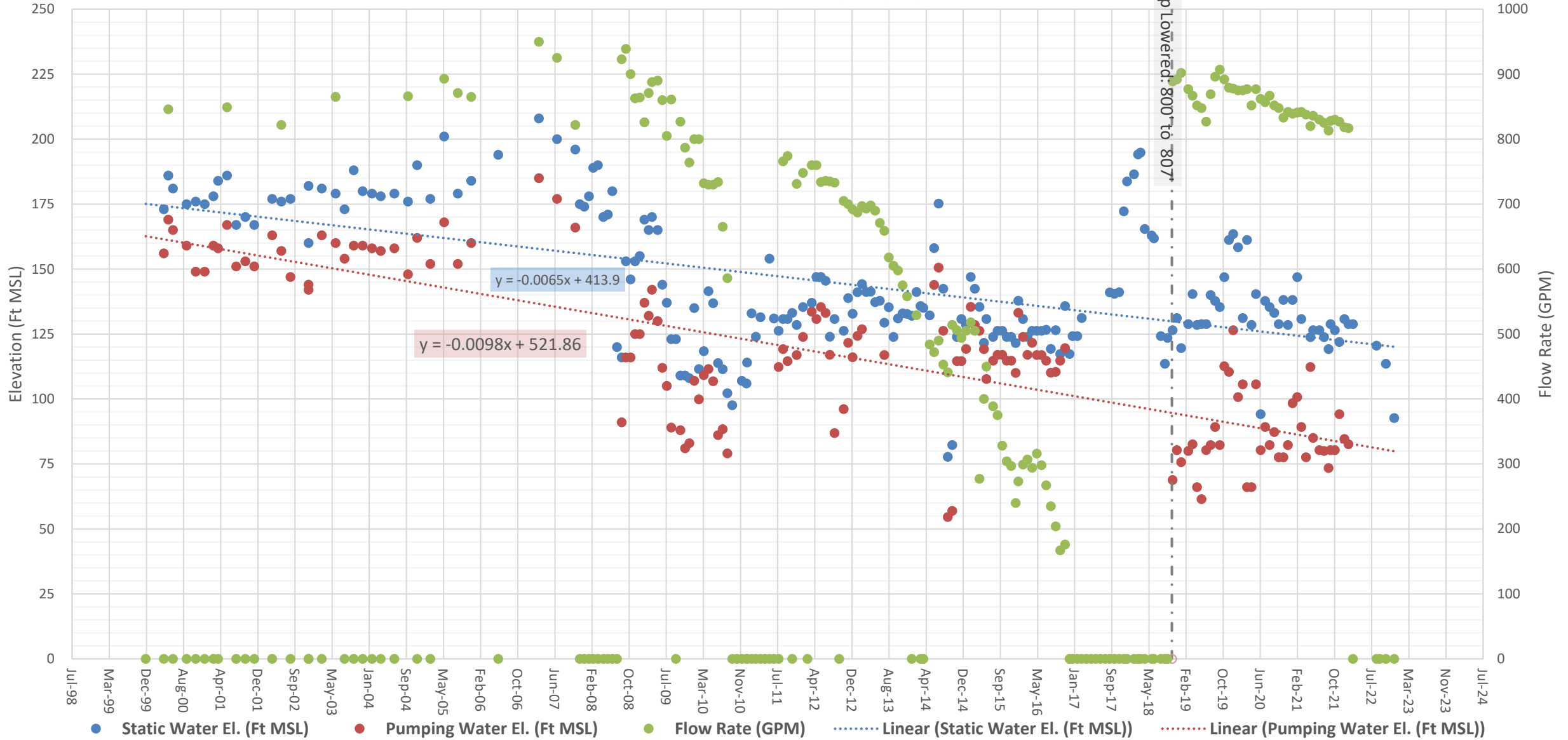
# VCWWD No. 1 - Well No. 20 Specific Capacity (Surface El. 716')



# VCWWD No. 1 - Well No. 95 Hydrograph (Surface El. 610')



# VCWWD No. 1 - Well No. 98 Hydrograph (Surface El. 746')





# Customer Service and Meter Reading

- ▶ Replaced 100 meters total
  - ▶ \$18,018 labor
- ▶ Customer Account Activity (turn on/off)
  - ▶ \$ 43,960 labor
- ▶ Customer Service Orders (check for leaks, verify reads, pressure, etc.)
  - ▶ \$26,460 labor
- ▶ Line Location
  - ▶ \$12,259 labor
- ▶ Meter Testing
  - ▶ \$5,682 labor (311 meters tested)

# Water Operations & Maintenance – Looking Forward

- ▶ Well 98 rehabilitation
- ▶ Replacement of Walnut Canyon Pump #2
- ▶ Well 95 holding steady at ~330 gpm - shutdown at 300 gpm
- ▶ Irrigation restrictions and monitoring
- ▶ Wells 15, 95 and 98 static groundwater level dropped significantly

# Engineering - Capital Improvement Projects

- ▶ Stockton Reservoir Replacement (New Tank)
  - ▶ Lowering pressure Zone to 954 from 994
  - ▶ Modifying the 60% Plans to include 2 pad and 1 reservoir now, and 2<sup>nd</sup> reservoir in future
  - ▶ Construction postponed from April to September 23
- ▶ Well 97 Replacement
  - ▶ Design completed; Easement negotiation complete; Bid January 2023; Construction March 2023.

# Wastewater and Recycled Water

- ▶ Inflow averaged 1.96 MGD
- ▶ RW produced: 159.2 AF (Avg Daily Production =0.58 MGD)
- ▶ Looking Forward
  - ▶ Battery Backup/TOU
  - ▶ Moorpark Stormwater Capture Study In Progress
  - ▶ Concrete basin lining project in design



# Questions?

---

6. COMMITTEE MEMBERS COMMENTS/FUTURE AGENDA  
ITEMS

7. ADJOURNMENT

\*The next regularly scheduled District 1 CAC meeting will be held  
on March 9, 2023\*