ARVIN-EDISON WATER STORAGE DISTRICT

REPORT OF DISTRICT OPERATIONS

August 2025

Tour of District Facilities by USBR Staff on August 19, 2025
(Image Taken at Forrest Frick Pumping Plant)

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WATER SUPPLY

Friant Division Central Valley Project (CVP)

- The current Friant Division Class 1 allocation is at 100%, which amounts to 40,000 AF, and 0% for Class 2.
- Exhibit “A” provides additional supply information for 2025 Water Year supplies.

San Joaquin River (SJR) Restoration Program (SJRRP)

- The final 2025 SJRRP allocation is 269,355 AF based on a 50% Exceedance forecast of 1,346,000 AF of natural river runoff, which is a Normal-Dry water year type.
- The final 2025 restoration schedule recommends the release of 185,000 AF of Restoration Flows to the river, which is less than the restoration allocation due to downstream capacity limitations, leaving approximately 80,000 AF of Unreleased Restoration Flows (URF).
- 40,000 AF of Tier 1 URFs priced at $25/AF were made available to Friant Class 1 contractors, of which the District’s portion was 2,196 AF.
- 35,999 AF of Tier 2 URFs priced at $169.54/AF were made available to Friant Class 1 contractors, of which the District’s portion was 8,006 AF.
- Thus far in WY 2025, Recapture and Recirculation supplies for the District are approximately 6,000 AF.
- District’s Recovered Water Account (RWA) balance is approximately 27,000 AF. RWA credits allow the District to purchase water for $10/AF during wet periods (uncontrolled season but subject to canal prorate) when RWA water is declared.

Other CVP Contractors

- The current North-of-Delta 2025 allocation is 100% for Agricultural Service Contractors.
- The current South-of-Delta 2025 allocation is 55% for Agricultural Service Contractors, this includes the District’s Fresno County supply which amounts to 1,650 AF.

State Water Project (SWP)

- California Department of Water Resources 2025 State Water Project allocation is 50%.

Kern River

- The Kern River 2025 April through July runoff is 82% of average.

Water Bank Facilities

- The District is expected to recover approximately 60,000 AF of previously banked supplies in Water Year 2025.

Metropolitan Water District (MWD) Program

- MWD account balance remains at 100,201 AF.
- The District obtained its sixteenth consecutive year approval from the State Water Resources Control Board regarding a Petition for a Consolidated Place-of-Use (CPOU) which now expires on July 22, 2026. A subsequent CPOU has been requested for another 12-month period.
- The CPOU petition includes the ability to exchange all types of Arvin-Edison supplies with MWD including unbalanced exchanges.
- The District's 10-year NEPA documentation is complete and approved until March 2034.

Rosedale-Rio Bravo Water Storage District (RRBWSD) Program

- The District's account balance in RRBWSD as of March 2025 is approximately 45,000 AF. District anticipates receiving 10,000 AF of returned bank supplies from RRBWSD in during Water Year 2025.

District Partnerships

- The District received a ten-year approval (through Water Year 2035) from USBR to transfer and exchange Friant Division CVP water to Kings River Area Agencies and Kern County Districts.
- The District has participated in water management programs with the following districts/agencies in Water Year 2025 to date:

Fresno County
Madera Irrigation District
Del Puerto Water District
Wheeler Ridge-Maricopa WSD
Exeter Irrigation District
Westside Mutual Water Company
Rosedale Rio Bravo WSD
Kern-Tulare Water District
SJRRP Recapture/Recirculation
Chowchilla Water District
Lower Tule Irrigation District

WATER DEMAND

District turnout deliveries (not including on-farm recharge) for the month were 18,270 AF.

- The following is a summary of surface water deliveries for August 2025.

Water Type	Month of August		Water Year to Date	
	10 Yr. Avg.	2025	10 Yr. Avg.	2025
SWSA	16,253	18,270	84,202	88,961
In-Lieu		0		0
Temporary		0		0
Spreading*	n/a	0	n/a	1,014
	Total	18,270	Total	89,975

*Direct spreading, including Landowner (on-farm) Recharge

- Exhibits “B-1”, “B-2”, and “B-3” illustrate the delivery data.
- The month's peak daily in-District demand was 417cfs, which occurred on the 7th.
- Exhibit "C-1” details Canal Water Quality information.
- Exhibit “C-2” presents the Aquatic Pest Control Treatments ($127,957 for Calendar Year 2025).

GENERAL

- District vehicles consumed an estimated 3,857 gallons of fuel during the month (average fuel efficiency of 12.2 mpg).
- There were 377 hours lost due to illness and 240 hours lost due to on-the-job injuries.
- Exhibit "D” highlights precipitation, temperature, and wind speed.
- Exhibit "E" summarizes energy consumption and power demand.

Tour of District Facilities by Bryan Grimm, Brandon Grimm and Carl Voss

Farm Tour with USBR Led by Director Scott Spitzer

ENGINEERING DEPARTMENT ACTIVITIES

Routine Activities

- Review and accounting of District's water supply and related contracts.
- Administration or proposals of water management and wheeling agreements.
- Groundwater level surveys and associated exhibits.
- Water quality testing.
- ArcGIS database updates/maintenance (facilities, water service areas, boundaries, etc.).
- CIMIS station management (https://cimis.water.ca.gov/Stations.aspx).
- Land use/crop surveys with data entry.
- Monthly/annual reports regarding water deliveries, water use, and energy use.

North Canal Spreading Works Expansion
Construction Progress

Grants & Funding Opportunity Updates

- NRCS landowner incentive programs assist with implementing various conservation activities, including but not limited to, irrigation system improvements, filtration needs, water/nutrient/pest management, and engine replacement:
    - Phone (661) 336-0967
    - Website (www.ca.nrcs.usda.gov)
- North West Kern Resource Conservation District provides discounted on-farm irrigation distribution uniformity and efficiency testing
    - Phone (661) 281-2746
    - Website (http://northwestkernrcd.org)

AEWSD Current Construction Projects

	DiGiorgio - Phase 2A N36 Lateral	Frick Unit – Phase 1 Turnout	N24 & N26 Recovery Wells – Drilling & Equipping	N24 & N26 Recovery Wells – Electrical	NCSW Expansion – FDRE – 1st Contract	White Wolf Subbasin 850 Canal Intertie
Construction Start Date	October 2024	November 2024	March 2025	March 2025	July 2025	July 2025
Punch List	May 2025	May 2025	October 2025	September 2025	November 2025	November 2025
Final Project Close-Out	July 2025	July 2025	November 2025	November 2025	November 2025	December 2025
Current Construction Contract Costs	$2,394,488	$1,147,640	$2,144,560	$521,950	$759,950	$645,099
Total Grant Funding	$0	$3,250,000 (EPA Grant Funding will be allocated to both Phases 2 & 3 of the Project) $1,000,000 (DWR Estimated Remaining Funds after Phase 1)	$2,000,000 (Federal Share) $2,160,421 (Recipient Share)		$999,500	$925,000
Notes			** Grant Funding needs to be spent by March 31, 2026*	** Grant Funding needs to be spent by March 31, 2026*	**Grant Funding needs to be spent by March 31, 2026*	**Grant Funding needs to be spent by December 31, 2025*

AEWSD Upcoming Construction Projects

	White Wolf Temp Water Program	NCSW FDRE – 2nd Contract	Frick Unit Phase 2 – Main Line	Frick Unit Phase 3 - Laterals
Bid Advertisement	July 29, 2025	July 30, 2025	August 2025	February 2026
Board Approval	September 9, 2025	September 9, 2025	October 14, 2025	April 14, 2026
Anticipated Notice to Proceed	September 26, 2025	September 22, 2025	November 2025	May 2026
Mobilization Start	October 2025	November 2025	November 2025	May 2026
Projected Completion Date	December 31, 2025	January 31, 2025	March 2026	October 2026
Current Estimated Costs	$888,000	$875,000 (Total Project: $1,634,950 including FDRE – 1st Contract)	$6,991,375	$4,969,375
Total Grant Funding	$1,345,000 ($210,500 is allocated to WRMWSD)	$999,500	$3,250,000 (EPA Grant Funding will be allocated to both Phases 2 & 3 of the Project) $1,000,000 (DWR Estimated Remaining Funds after Phase 1)	
Total AEWSD Funding for Projects	$0	$685,450	$7,710,750	
Notes	**Grant Funding needs to be spent by December 31, 2025*	**Grant Funding needs to be spent by March 31, 2026*	**Schedule tentative to change - pending grant agreement*	**Schedule tentative to change - pending grant agreement*

AEWSD Grants & Funding Opportunities

Project Name	Drought Recovery Wells and Conjunctive Use Modeling Tool	Forrest Frick Unit In-Lieu Project		White Wolf Groundwater Sustainability Agency	Groundwater Flow Model and Decision Support Tool	North Canal Spreading Works Expansion Project		DiGiorgio Unit Phase 2b-5 Project
Grant Name	USBR 2023 WaterSMART Drought Recovery Program Grant	DWR Round 2 Integrated regional Water Management Grant	Community Project Funding Grant	DWR – SGM Round 2 Grant	USBR 2023 Water SMART Applied Science Grant	DWR – Flood Diversion Recharge Enhancement (FDRE) Grant	FY2026 Community Project Funding Grant	USBR 2024 Planning and Project Design Grant
Grant Type	Federal	State	Federal	State	Federal	State	Federal	Federal
Grant Status	Awarded	Awarded	Selected	Awarded	Awarded	Awarded	Pending	Selected
Grant Amount	$2 Million	$2 Million	$3.25 Million	$4.8 Million	$95,000	$999,500	$4 Million	$308,170
Notes			*Pending grant agreement from EPA. Anticipated to receive October 2025*					*Pending grant agreement from USBR*

Other Activities

- Administration and accounting of on-going water management programs.
- Technical support and review of ongoing projects/studies such as:
    - Potential Interconnections with other Districts.
    - Pump Replacement Program.
    - Turnout Modification Requests.
    - Temporary and/or In-Lieu Water Service Contract Requests.
    - Pump Efficiency Testing.
    - Real Time Water Quality Monitoring.
    - Stand tank Painting Project.
    - Stand tank and pressure vessel inspections.

SGMA Activities

- The Kern Subbasin Probationary Hearing was held on February 20, 2025. The State Water Resources Control Board decided to extend the hearing to September 2025. The draft 2025 GSP was sent to the SWRCB in June and the Subbasin adopted the final 2025 GSP in August.
- Continued coordination meetings and outreach activities.
- Attended various GSA meetings.
- Collected groundwater levels and water quality data.
- Continued coordination efforts with South of Kern River GSAs (posted on website www.sokrgsp.com).
- Continued implementation and coordination efforts with White Wolf Subbasin GSA and GSP (posted on website www.whitewolfgsa.org).

Requests for Information/Easements/Planning Notices

- Water supply
- Water costs
- Historical groundwater levels
- Monitoring well conversions
- Water quality
- Land use data
- Easements and/or right-of-way encroachments
- Reviewed/responded to multiple planning notices
- Reviewed/responded to environmental documents as necessary
- Responded to As Built Requests

Power Related Activities

- Revised power purchase agreements with White Pine Renewables for a total of 10 MW solar production.
- Managed Electrical Distribution Expansion Study process.
- Reviewed Renewable Portfolio Standards balances.
- Coordinated planned PG&E outages, meter repairs and reviewed Trimark and RBI invoices.
- Performed weekly load forecast reviews.
- Reported on PWRPA power accounting.
- Reviewed PWRPA monthly invoices for billing anomalies/meter reconciliations.
- Reviewed power reconciliation reporting tool.
- Worked on On-Farm Solar RECS agreements and reporting.
- Maintained Wells First Off List (efficiency rating).
- Performed Load forecast updates and rate analysis.
- Coordinated with PG&E on meter inventory information.
- Coordinated new power service design and construction projects.
- Coordinated monthly landowner Groundwater meter reads, repairs and prepared reports.

SPREADING WORKS OPERATIONS (WELLFIELDS AND BASINS)

- Exhibit “F” summarizes wellfield production to date.
- Exhibit “G-1” summarizes gross direct spreading to date.
- Exhibits “H-1” and “H-2” summarize current static and/or pumping water in table and graphic forms.

Arvin-Edision Water Storage District

121525001-WELL

Well Field Management

Well Repair Status Report

August 07, 2025

Well Number	Year Built	Age (Years)	Cased Depth (ft)	Previous Well Condition Rating	Current Status	Problem	Notes/Discussion
Sycamore 13	1967	**58**	840	Acceptable	**Permanently Out of Service**	Apparent Pump Failure	o SA Camp used hydraulic jacks to attempt removal of the pump. o The pump would not come free and the column/tube/shaft ultimatedly separated 220' down. o SA Camp removed the c/t/s that broke off and stacked it on-site. o Pacific Irrigation has been directed to move the c/t/s to their yard for evaluation and disposal. o I recommend we install a locking cap on the well head and leave it as is.
Sycamore 17	1967	**58**	840	**Poor**	**Operationally Limited**	Pump Breaking Suction	o Excessive pumping water level drawdown until pump breaks suction. o Very little room to lower pump...not enough to make much difference. o **Current recommendation is to run for short periods when water supply need is critical.** o This well will be removed from status report next month.
Tejon 84	1970	**55**	996	Acceptable	**Out of Service**	Pump Failure	o Has been an okay well over the years with very few problems. o Pump has been pulled....and needs to be replaced. Sand found in discharge piping. o Video log doesn't look great but casing integrity is not obviously compromised. o We plan to brush the well and revideo. Then patch if necessary. o Waiting for quote from PacIrr/Well Rehab Services.

OPERATIONS DEPARTMENT ACTIVITES

Routine Activities

- Operated District's water distribution and delivery systems (canal, reservoirs and wells).
- Conducted monthly safety meetings.
- Performed monthly meter reads at Turnouts and Pump Plants (water and power).
- Maintained weed control at Pump Plants, Turnouts, Air-Vents, and Isolation Valves.
- Monitored Forrest Frick Pumping Plant operations and Intake Canal water levels.
- Inspected control systems at Pump Plants (Transducers, Cla-valves, etc.).
- Replaced burned out Pump Plant lights and panel bulbs.
- Monitored flows and levels at the Intake, North and South Canal.
- Applied warning labels on Turnouts.
- Took daily well field readings.

Additional Activities

- Removed weeds and sprayed District-wide.
- Re-stocked supplies.
- Flushed and cleaned several mainline air vents.
- Replaced locks and chains at the Intake and Wasteway.
- Opened the DiGiorgio line and re-started Well N21.
- Isolated and repaired a leak at Pump Plant N55-P4.
- Replaced all the pull forks on the operations trucks.
- Provided emergency water for KD EC-1 and EC-3.
- Replaced Turnout A-8 meter.
- Re-programmed Turnout A-69 Meter.

Held August Safety Meeting on the Field

Underground Service Alert (USA) Report

- District initiated 2.
- Responded to 92 USA notices to locate District underground facilities.
  - 18 required markings of District facilities.
  - 23 were renewals.
  - 49 with no conflicts.

Power Outages and/or Interruptions Involving the Following Systems

- 1 outage for the month.

Power Interruptions												
FFPP		**BR**		**S32**	2	**S68**		**S88**		**OFFICE**		**SYC**	
N1		**N41**		**S38**	3	**S73**		**S93**		**Intertie**		**Tejon**	
N8		**N55**		**S64**		**S78**		**EOC**		**NC**		**CVC**	

Lateral Prorates

- Provost & Pritchard has conducted investigation on potential shift in demand to gravity turnouts on the S38 lateral to reduce prorate occurrences.

Prorated Laterals (days)											
N1	0	**N8**	0	**N24**	0	**N41**	0	**N55**			19
S32	0	**S38**	22	**S64**	0	**S73**	16	**S88**	0	**S93**	4

Facility Improvements (Repairs-R or New-N)

Meters-N		Meters-R	
A-8		A-69	

MAINTENANCE DEPARTMENT ACTIVITIES

Routine Activities

- Performed weekly yard duties at Headquarters.
- Cleared-out forebays at North and South Canal.
- Organized Maintenance Warehouse.
- Maintenance of the CIMIS Station.

Additional Activities

- Completed metal fencing along the Intake Canal at South H.
- Began fence repairs at the Intake Canal.
- Completed the landscape makeover at Pump Plant N1-P7.
- Capped farmer well line on North Canal Spreading Works expansion project.
- Installed 2 concrete rings at North Canal Spreading Works Air Vents.
- Repaired a leak at Pump Plant N55-P4 on manifold.
- Bladed and graded at Tejon Ponds.
- Completed painting at Pump Plant S73-P2 and S73-P4. Started painting at Pump Plant S73-P3.
- Removed cuttings from new monitor well drill sites on the south side of the District.
- Removed Turnout M-56.

Installed Concrete Rings on Air Vents at North Canal Spreading Works

Mechanic's Shop Repair Activities

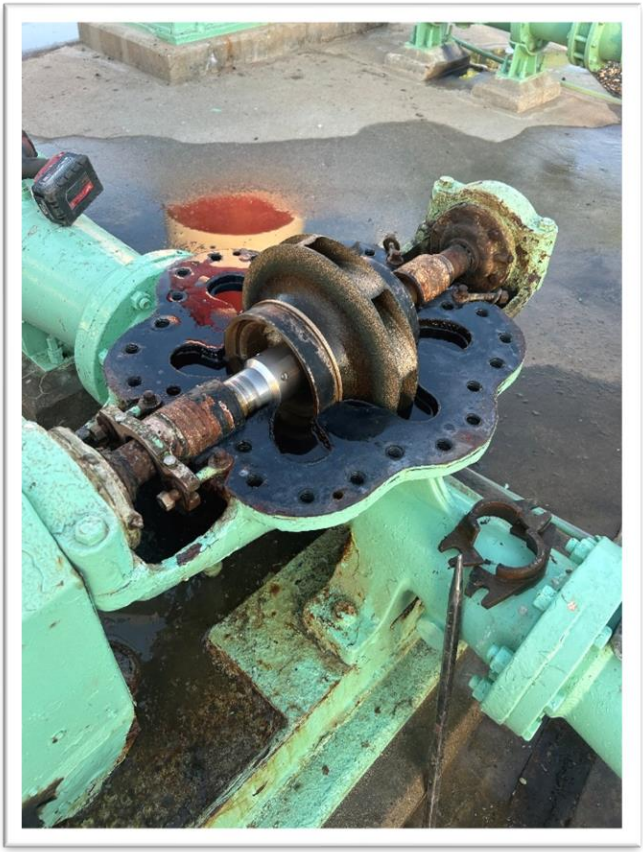
- Performed weekly inspection on the Fuel Tank and Gas Pump.
- Repaired and replaced blades on Schulte mower.
- Installed new tires on Damries Disc.
- Repaired hydraulic leak on Big Tex Trailer.

Part	Repair/Replaced	Part	Repair/Replaced
Routine Service	9	A/C Service/Heater	4
Brakes	4	Belts	1
Tires	8	Headlights/Taillights	2/2
Tire Repairs	4	Shocks	0
Rotors/Drums /Wheel Bearings	0/0	Wiper Blades/Engine Washes	8/4
Batteries	2	Cabin Filter	3
Fuel Filters	4	Trailer Lights/Spotlights	1/2
Tune-ups	0	Cleaned Throttle Body	4
Clean TPS Sensor	4	Misc	3

PUMP DEPARTMENT ACTIVITIES

Routine Pump Maintenance Activities

- Replaced various pump packings.
- Lubricated pump bearings at various Pumping Plants.
- Maintained drip oil on District Wells.
- Inspected and maintained Air Compressors.
- Inspected and/or adjusted Traveling Water Screens/Moss Screens.

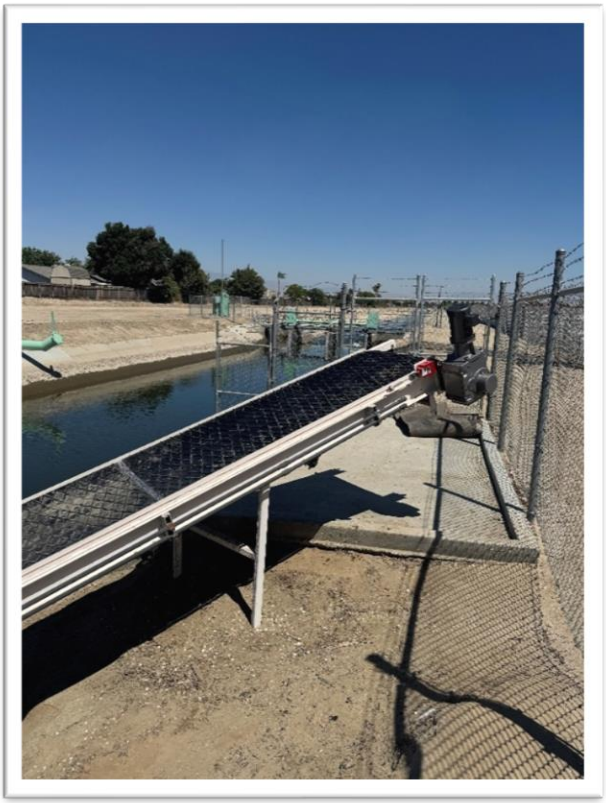


Inspected Pump Plant N55-P8 Pumps and Replaced Packing

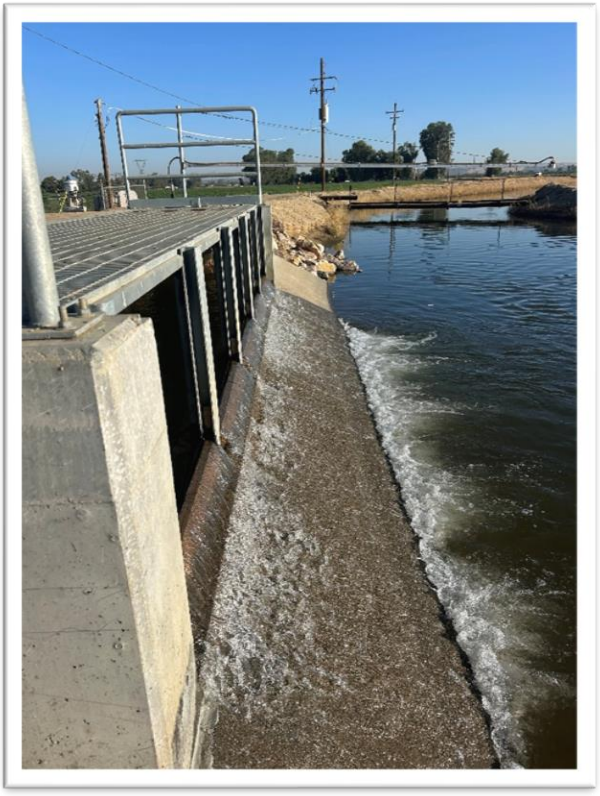
Additional Activities

- Cleaned out the Yardney filters numerous times due to excessive moss at the Canal Side Pump Plants Moss Screen sprayer pumps.
- Replaced a broken 12” check valve spring at Pump Plant N1-P1 unit #6.
- Installed new 1 ¼” ball valves on the new Moss Screen sprayer pumps at Pump Plants N1-P1, N8-P1, N41-P1, and N55-P1.
- Repaired the sump pump at Pump Plant N8-P2.
- Tightened the sleeve nut for a rotating element and redrilled and tapped in a new set of screws at Pump Plant N8-P2 unit #2.
- Replaced broken belts for the compressors at Pump Plant N24-P1.

- Tightened the conveyor belt at Pump Plant N55-P1.
- Replaced a foot valve for the sprayer pumps at Pump Plant N55-P1.
- Replaced a leaking check nut on a 16” check valve at Pump Plant N55-P3 unit #4.
- Replaced a broken coupler insert at Pump Plant N55-P6 unit #2.
- Removed the lids from the horizontal pumps at Pump Plant N55-P8 and inspected and replaced the pump packing.
- Replaced a leaking check nut on a 12” check valve at Pump Plant N55-P15 unit #2.
- Performed preventive maintenance for servicing valve operators on the South end of the District.
- Installed a new gearbox, conveyor belt and a roller at the South H Moss Screens due to vandalism.
- Serviced and cleaned the Moss Screens at South H and Stine.
- Repaired the leaking air vents at the Eastside Canal Intertie.
- Added oil to the Spillway Pump unit #3.
- Assisted the Maintenance Department in installing blocks in the Canal at Pump Plant S32-P1.
- Installed the new trash pans at Pump Plants S32-P1 and S38-P1.
- Replaced the damaged incline conveyor at the Twins Moss Screens, re-used the conveyor from Pump Plant S38-P1 and made some modifications to fit.
- Replaced the broken roller drum for the Moss Screens at Pump Plant S38-P1.
- Adjusted the lateral lifts for the vertical pumps at Pump Plant S38-P1 units # 1-4 to help increase the flow.
- Removed the lids from the horizontal pumps at Pump Plant S38-P2 and inspected the pumps for debris.

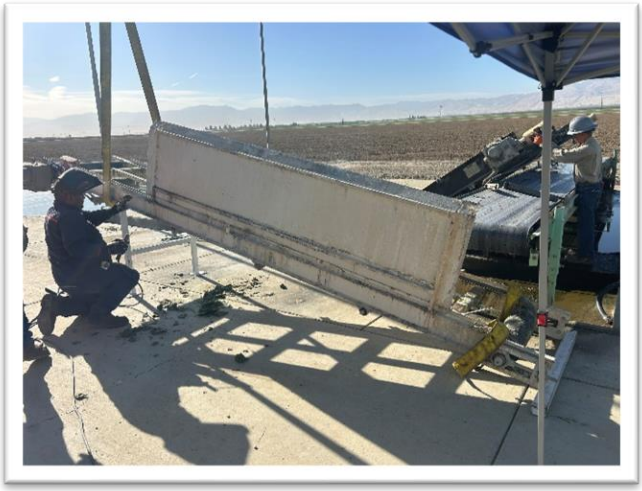


Serviced Moss Screen Conveyor Belt at South H and Stine



Eastside Canal Startup for Sunset Spreading Pump Test

- Replaced a broken roll pin on a 16” check valve at Pump Plant S38-P2 unit #2.
- Cleaned out the site glass for the well drippers at wells: Sycamore #31 and Sycamore #28.
- Replaced all the worn-out flight guides for the Moss Screens at Pump Plants S38-P1, S88-P1, and S78-P1.
- Reinstalled a loose packing plate at Pump Back 883 unit #2.



Modifications/Repairs Made to the Moss Screen Conveyor Belt at Howard Frick Pumping Plant

PUMP & MOTOR REPAIR SUMMARY

	Pumping Plant/Wells	Unit	Size	Time/Hours	Reason
Vertical Pumps	N1-P1	6	5CFS	03637.2	Broken Shaft
Vertical Motors					
Horizontal Pumps	S64-P2	1	5 CFS	97532.3	Bad Bearings
	S38-P2	3	5 CFS	45164.1	Bad Sleeves
Horizontal Motors					

CONTROLS DEPARTMENT ACTIVITIES

Routine Activities

- Processed monthly Purchase Order's.
- Performed electrical maintenance and repairs.
- Monthly Inventory.

Distribution System Improvements (Repairs-R or New-N)							
Starter Controls	**Contactors / Soft Start**	**Aux. Contact Block**	**Motor Control Panels**	**Battery Back-up Units**	**Circuit Breakers**	**Hour meters**	**Trip Units**
	N – NC Well #19 – replaced motor starter contact	N – N55-P6 unit #2 – replaced H-O-A normally open contact blocks		N – S32-P1 – replaced ups battery backup			
				N – N55-P14 – replaced ups battery backup			
				N – Stine Checkgate – replaced ups battery backup			

Distribution System Improvements (Repairs-R or New-N)							
Radios	**PLC's or Control Mods.**	**Photocell / Lights**	**Wiring**	**Valve Controllers or Limitorque**	**Coils**	**Relays / Thermal O/L**	**Fuses / Transducers**
							N – N55-P8 – replaced pressure transducer
							N – N24-P1 – replaced pressure transducer

Well Facility Improvements (Repairs-R or New-N)							
Transformers (number)	**Thermal Overloads**	**Lightning Arrestor**	**Panel wiring / Circuit Breaker /Cont**	**Soft Start Equip-ment**	**Control Fuses**	**Relays / Switches**	**12KV Fuses**

Additional Activities

- Ran a hard wire ethernet cable connection to the CCTV surveillance camera at Forrest Frick Pumping Plant and Arvin-Edison Headquarters for better internet connectivity.
- Installed two (2) LED directional light fixtures and 3-way switches.
- Oversaw and inspected North Canal Well #26 with Engineering.
- Retrofitted new exhaust fan assembly and installed block off plates and fan covers at Pump Plants N1-P4, N55-P9 and N55-P13.
- Created a popup window alarm on the Master Scada Ignition software for “canal high water level” and “canal water level overflow” for the upstream canal of Pump Plant S73-P1.

FORREST FRICK PUMPING PLANT

- 9,900 AF of water was pumped during the month.

HOWARD FRICK PUMPING PLANT (AQUEDUCT INTERTIE)

- 2,479 AF was delivered to the District from the CA Aqueduct through the Howard Frick Pumping Plant/Pipeline and 0 AF was returned.

EXHIBIT "A-1"

ARVIN-EDISON WATER STORAGE DISTRICT

2025 WATER SUPPLY AND DEMAND

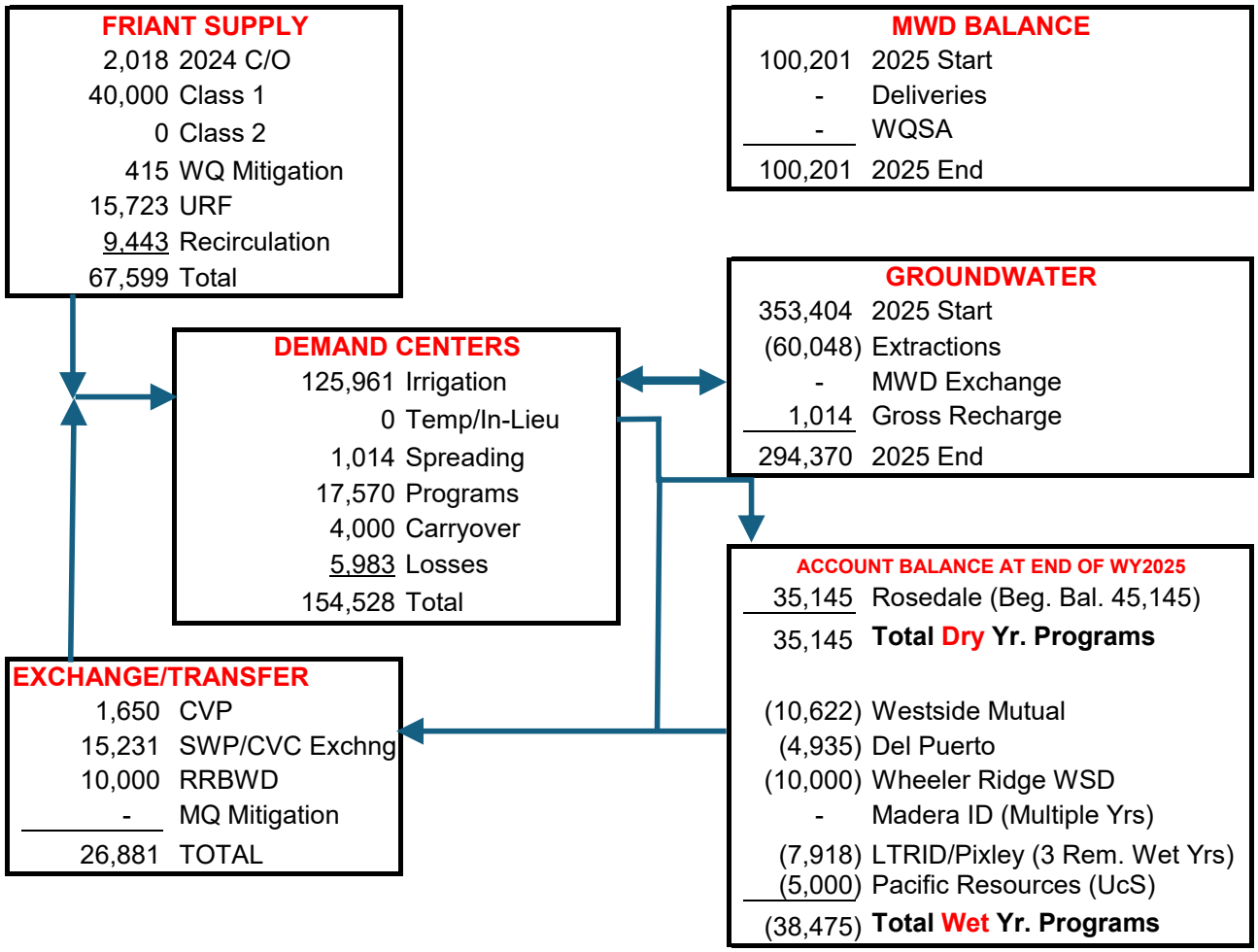
SUPPLY		***AF***	***%***
FRIANT-KERN (F-K)			
40,000 AF CLASS 1 (100%)		40,000	
URF TIER 1 BLOCK A (0.2% CLASS 2)		554	
URF TIER 1 BLOCK B (0.5% CLASS 2)		1,642	
URF TIER 2 BLOCK AA (0.9% CLASS 2)		2,669	
URF TIER 2 BLOCK BB (1.0% CLASS 2)		3,224	
URF TIER 2 BLOCK CC (0.7% CLASS 2)		2,113	
PRIORITY URF (1.8% CLASS 2)		5,521	
WATER QUALITY MITIGATION		415	
CARRYOVER OF 2024 WATER		2,018	
	SUBTOTAL	58,156	
MADERA IRRIGATION DISTRICT		-5,950	
KERN TULARE EXCHANGE		-3,000	
LOWER TULE ID & PIXLEY ID		-2,640	
CHOWCHILLA WSD EXCHANGE		-1,800	
FRESNO COUNTY		-600	
	SUBTOTAL	-13,990	
	TOTAL F-K	44,166	32.3%
CROSS VALLEY CANAL (CVC)			
ROSEDALE WSD		10,000	
SJRPP RECAPTURE RECIRCULATION		9,443	
KERN TULARE/ ID4 EXCHANGE		2,800	
CHOWCHILLA WSD EXCHANGE		2,160	
FRESNO COUNTY (55% CVP)		1,650	
EXETER IRRIGATION DISTRICT		271	
DEL PUERTO WATER STORAGE DISTRICT		-3,209	
DROUGHT POOL PROGRAM		-371	
SLR 1% EVAPORATION & LOSSES		-177	
	TOTAL CVC	22,567	16.5%
INTERTIE PIPELINE (IPL)			
WHEELER RIDGE WSD		10,000	
	TOTAL IPL	10,000	7.3%
TOTAL IMPORT		**76,733**	**56.1%**
GROUNDWATER PUMPING			
IRRIGATION DEMAND		60,048	
	TOTAL PUMPING	60,048	43.9%
TOTAL WATER SUPPLY		**136,781**	**100.0%**

DEMAND		
IRRIGATION DEMAND (MARCH-AUGUST)	88,961	65.0%
IRRIGATION DEMAND (SEPTEMBER-FEBRUARY)	37,000	27.1%
SPREADING (MARCH-AUGUST)	1,014	0.7%
SPREADING (SEPTEMBER - FEBRUARY)	0	0.0%
OTHER TRANSFERS & EXCHANGES	0	0.0%
CARRYOVER TO 2025	4,000	2.9%
LOSSES/METERING INACCURACIES	5,806	4.2%
TOTAL DEMAND	**136,781**	**100.0%**

Exhibit "A-2"

ARVIN-EDISON WATER STORAGE DISTRICT

2025 WATER MANAGEMENT



Surface Water	65,913	**52%**
Groundwater (37% of Max)	60,048	**48%**
Projected Irrigation Demand	125,961	**100%**

EXHIBIT B-1

ARVIN-EDISON WATER STORAGE DISTRICT

2025 WATER YEAR DELIVERIES BY UNIT

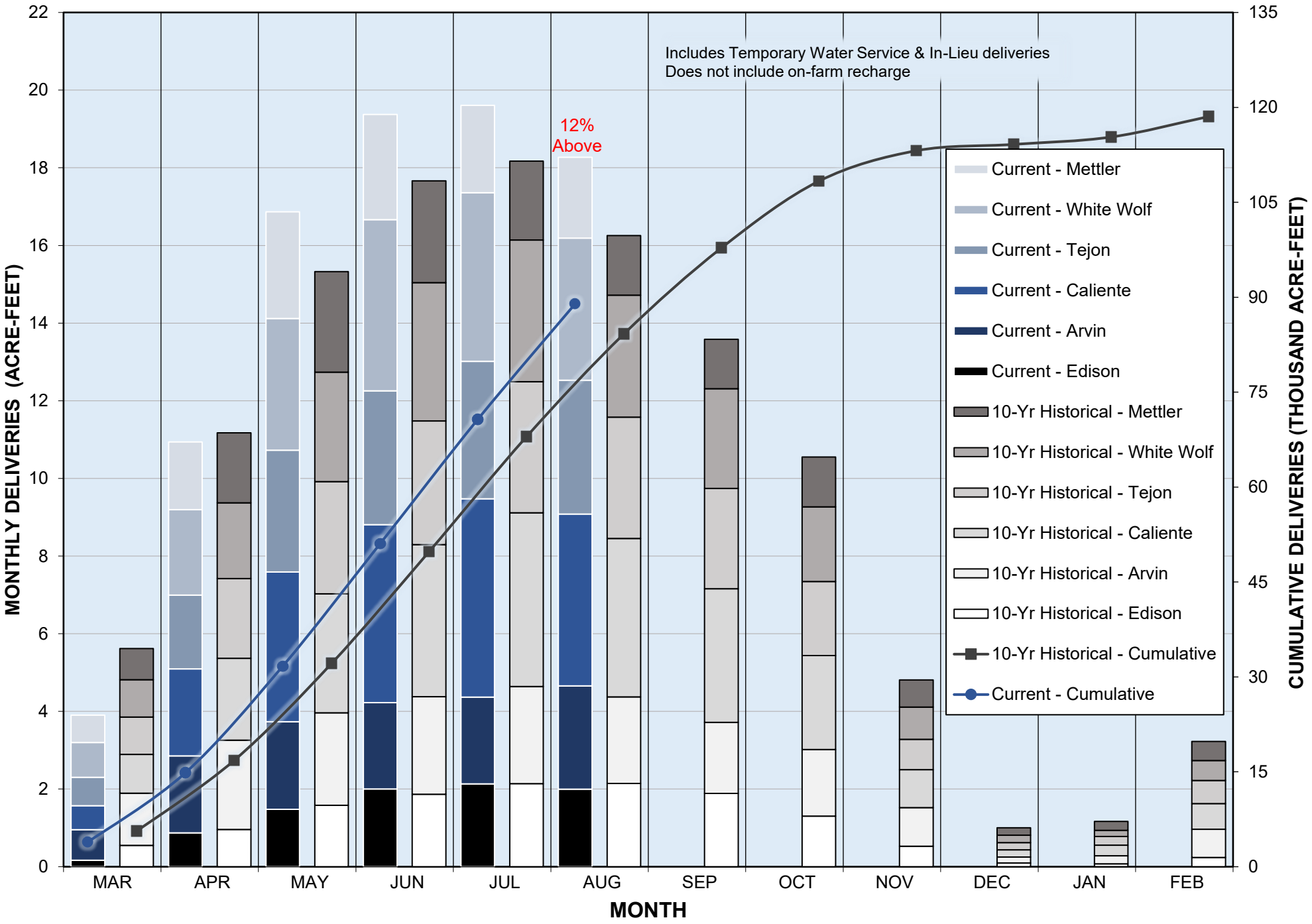


EXHIBIT B-2

ARVIN-EDISON WATER STORAGE DISTRICT

HISTORIC AUGUST DELIVERIES BY YEAR

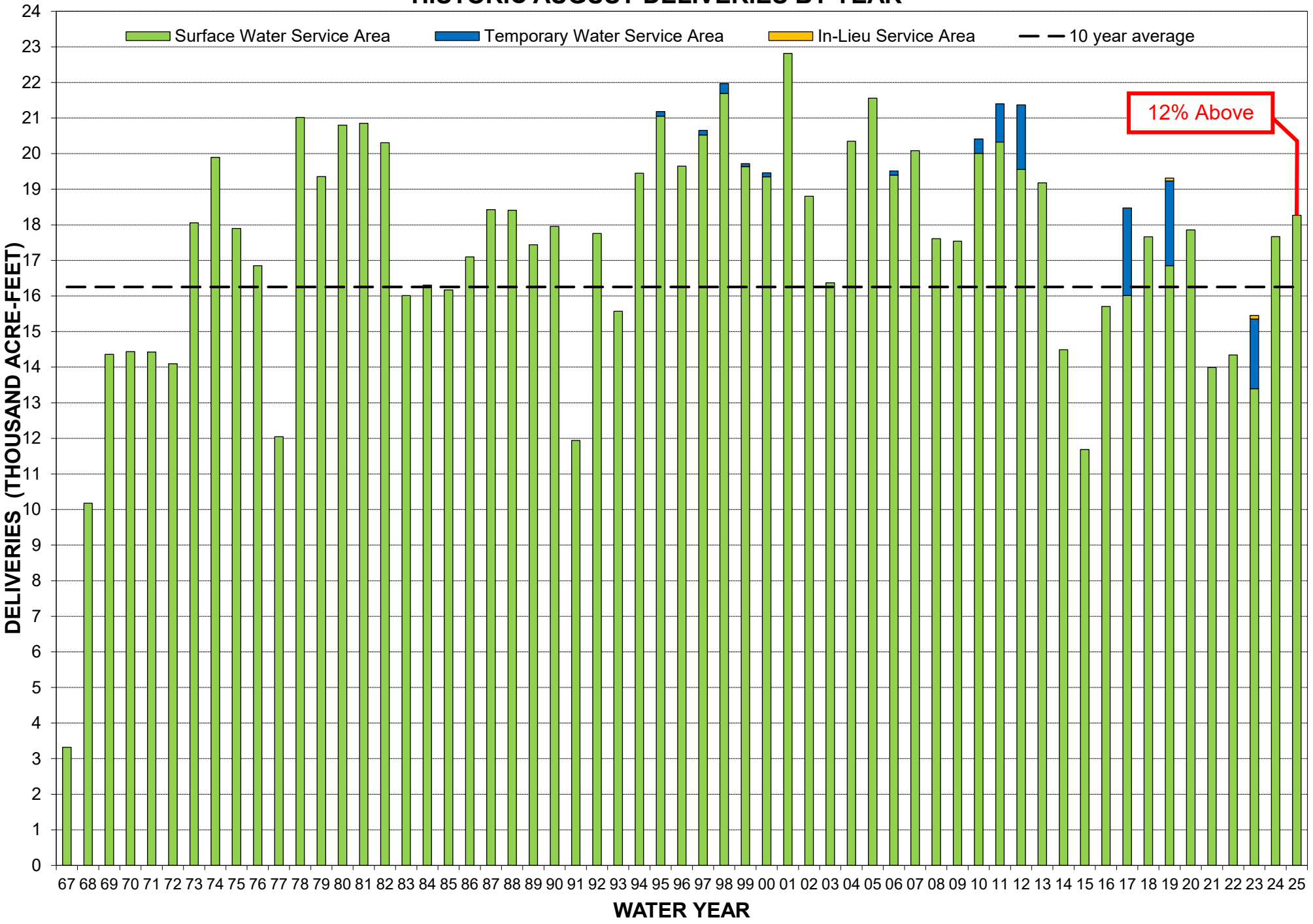


EXHIBIT B-3

ARVIN-EDISON WATER STORAGE DISTRICT

HISTORIC AUGUST DELIVERIES BY MAGNITUDE

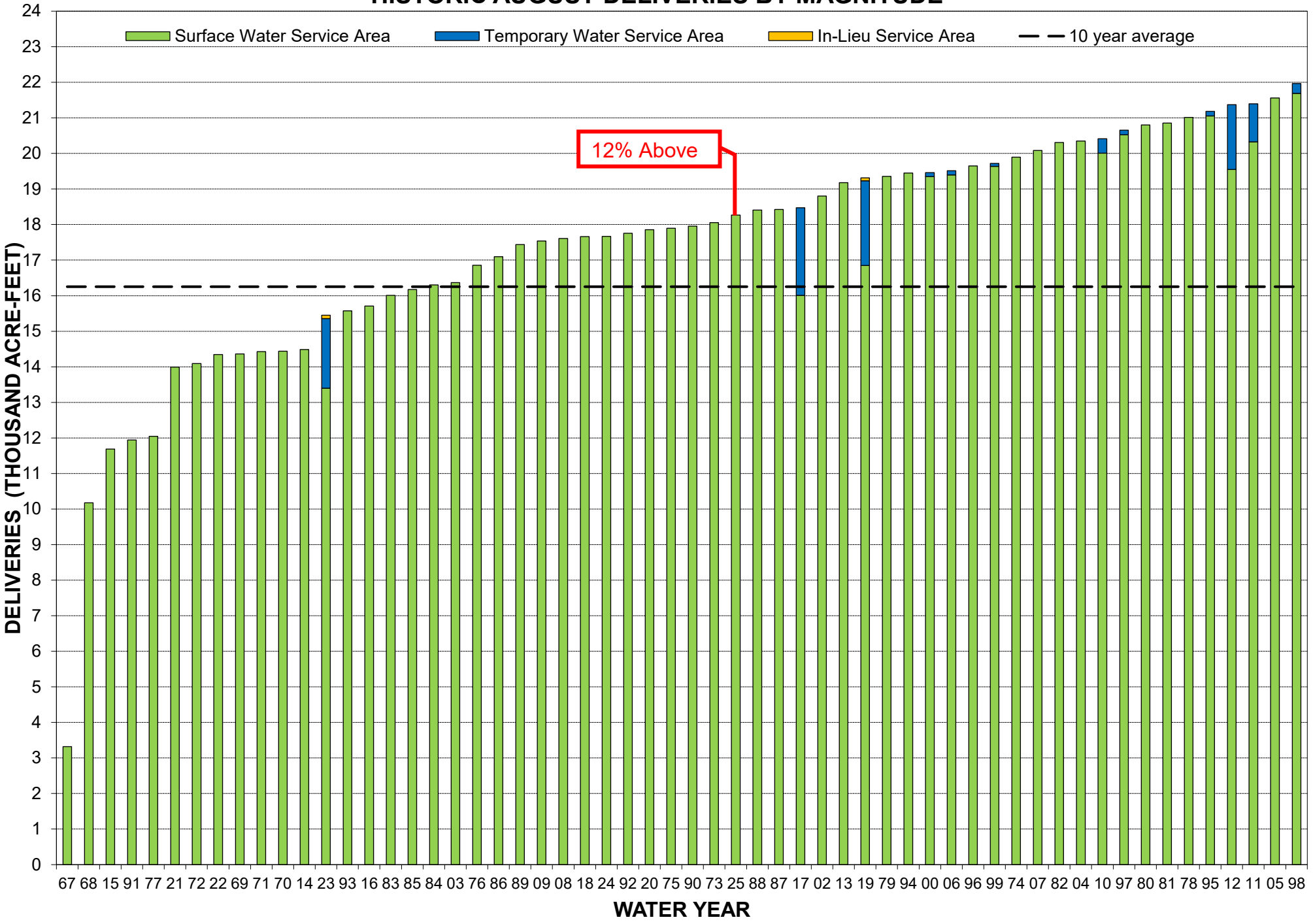


EXHIBIT "C1"

ARVIN-EDISON WATER STORAGE DISTRICT

WATER SUPPLY WATER QUALITY SUMMARY

	Date	Flow	Import	Calcium		Magnesium		Sodium		Bicarbonate		Chloride		Nitrate		TDS	pH	EC	Hardness	SAR	Gypsum	Boron	Turbidity
		cfs	Source	mg/l	me/l	mg/l	me/l	mg/l	me/l	mg/l	me/l	mg/l	me/l	mg/l	me/l	mg/l		umhos/cm	mg/l		lbs/AF	mg/l	NTU
Intake Canal	08/05/25	226	FKC (55%)/CVC (45%)	13.0	0.7	7.7	0.6	26.0	1.1	58	1.0	31.0	0.9	ND	ND	160	7.6	240	64	6.4	0	ND	4.6
	07/09/25	251	FKC (60%)/CVC (40%)	20.0	1.0	12.0	1.0	45.0	1.9	64	1.0	57.0	1.6	ND	ND	240	8.6	410	99	4.0	N/A	110.00	4.5
	06/17/25	201	FKC (50%)/CVC (50%)	17.0	0.9	9.9	0.8	33.0	1.4	70	1.1	41.0	1.2	ND	ND	190	8.1	340	84	5.0	0.1	110.00	5.1
	05/01/25	100	FKC (100%)	10.0	0.5	5.0	0.4	18.0	0.8	45.0	0.7	22.0	0.6	ND	ND	120.0	7.9	190.0	46.0	7.0	0.1	ND	6.6
	04/10/25	300	FKC (100%)	4.3	0.2	0.8	0.1	4.2	0.2	20.0	0.3	2.8	0.1	ND	ND	53.0	6.9	51.0	14.0	4.0	0.1	ND	28.2
	03/04/25	0	WELLS(100%)	19.0	1.0	9.6	0.8	34.0	1.5	58.0	1.0	38.0	1.1	ND	ND	290.0	9.2	340.0	88.0	4.4	0.1	110.0	13.0
	02/11/25	70	CVC (100%)	21.0	1.1	12.0	1.0	46.0	2.0	75.0	1.2	55.0	1.5	1.4	0.02	220.0	8.5	420.0	100.0	3.6	0.2	170.0	6.0
	01/07/25	0	RESIDUAL/DEWATERED	21.0	1.1	10.0	0.8	50.0	2.2	110.0	1.8	57.0	1.6	3.4	0.05	220.0	8.3	430.0	97.0	2.7	0.2	160.0	14.4
	12/11/24	25	CVC (100%)	18.0	0.9	9.0	0.7	37.0	1.6	110.0	1.8	49.0	1.4	1.1	0.02	190.0	7.3	350.0	81.0	4.1	0.2	100.0	22.0
	11/08/24	0	DOWN FOR MAINTENANCE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	10/15/24	30	FKC(100%)	7.1	0.4	3.2	0.3	11.0	0.5	44.0	0.7	13.0	0.4	ND	ND	74.0	8.2	130	31.0	5.7	0.07	ND	2.9
	09/17/24	50	FKC (50%)/CVC (50%)	14.0	0.7	8.1	0.7	26.0	1.1	81.0	1.3	32.0	0.9	ND	ND	150.0	8.5	260	68.0	5.2	0.10	ND	3.3
	08/14/24	101	CVC (100%)	9.3	0.5	4.8	0.4	16.0	0.7	37.0	0.6	19.0	0.5	ND	ND	110.0	8.5	160	43.0	6.5	0.07	ND	7.2
	07/25/24	260	FKC (71%)/CVC (29%)	7.1	0.4	1.9	0.2	9.5	0.4	27	0.4	8.8	0.2	ND	ND	76	19.9	99	26	6.0	0.04	ND	2.6
	Average			**13.9**	**0.7**	**7.2**	**0.6**	**27.4**	**1.2**	**61.5**	**1.0**	**32.7**	**0.9**	**2.0**	**0.0**	**161.0**	**9.0**	**263.1**	**64.7**	**5.0**	**0.1**	**126.7**	**9.3**
North Canal	08/05/25	40	FKC (38%)/CVC (31%)/WELLS(31%)	24.0	1.2	6.1	0.5	47.0	2.0	95.0	1.6	28.0	0.8	6.5	0.1	230.0	7.2	360.0	85.0	4.6	0.3	330.0	3.3
	07/09/25	40	FKC (44%)/CVC (29%)/WELLS(27%)	24.0	1.2	7.9	0.6	52.0	2.2	87.0	1.4	39.0	1.1	6.9	0.1	240.0	8.4	410.0	92.0	4.1	N/A	340.0	5.1
	06/17/25	106	FKC (30%)/CVC (30%)/WELLS(40%)	33.0	1.7	9.8	0.8	48.0	2.1	100.0	1.6	37.0	1.0	11.0	0.2	290.0	8.3	470.0	120.0	0.7	0.2	330.0	4.9
	05/01/25	82	FKC (46%)/WELLS(54%)	29.0	1.5	8.4	0.7	52.0	2.2	97.0	1.6	41.0	1.2	7.8	0.1	270.0	8.4	460.0	110.0	1.9	0.3	390.0	6.3
	04/10/25	148	FKC (98%)/WELLS(2%)	6.4	0.3	1.0	0.1	5.8	0.3	26.0	0.4	3.4	0.1	ND	ND	32.0	7.2	71.0	20.0	4.4	0.1	ND	13.9
	03/04/25	28	WELLS(100%)	19.0	1.0	4.0	0.3	39.0	1.7	87.0	1.4	20.0	0.6	7.9	0.1	260.0	8.4	320.0	64.0	7.1	0.3	210.0	3.7
	02/11/25	8	CVC (100%)	44.0	2.2	10.0	0.8	73.0	3.1	120.0	2.0	43.0	1.2	27.0	0.4	360.0	8.3	620.0	150.0	ND	0.3	560.0	10.8
	01/07/25	58	WELLS(100%)	18.0	0.9	3.5	0.3	27.0	1.2	120.0	2.0	13.0	0.4	5.8	0.1	120.0	7.5	240.0	59.0	5.3	0.2	120.0	3.7
	12/11/24	0	DOWN FOR MAINTENANCE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	11/08/24	0	WELLS(100%)	22.0	1.1	4.3	0.4	29.0	1.3	96.0	1.6	12.0	0.3	8.4	0.1	180.0	7.5	300	74.0	48.0	0.2	ND	1.9
	10/15/24	48	FKC(23%)/WELLS(77%)	20.0	1.0	4.0	0.3	35.0	1.5	100.0	1.6	18.0	0.5	8.3	0.1	170.0	8.1	300	67.0	5.8	0.3	200.0	4.0
	09/17/24	38	FKC (17%)/CVC (17%)/WELLS(66%)	20.0	1.0	4.6	0.4	37.0	1.6	92.0	1.5	21.0	0.6	7.2	0.1	200.0	8.2	310	69.0	6.2	0.2	230.0	2.7
	08/14/24	164	CVC (47%)/WELLS(53%)	17.0	0.9	4.4	0.4	28.0	1.2	73.0	1.2	19.0	0.5	4.6	0.1	160.0	8.2	250	60.0	6.7	0.2	180.0	8.9
	07/25/24	243	FKC (50%)/CVC (20%)/WELLS(30%)	16.0	0.8	3.6	0.3	27.0	1.2	66.0	1.1	16.0	0.4	4.4	0.1	150.0	8.2	230	54.0	7.4	0.1	220.0	8.5
	Average			**22.5**	**1.1**	**5.5**	**0.5**	**38.4**	**1.7**	**89.2**	**1.5**	**23.9**	**0.7**	**8.8**	**0.1**	**204.8**	**8.0**	**333.9**	**78.8**	**8.5**	**0.2**	**282.7**	**6.0**
South Canal	08/05/25	24	FKC (37%)/CVC (30%)/WELLS(33%)	26.0	1.3	8.3	0.7	45.0	1.9	100.0	1.6	36.0	1.0	5.8	0.1	250.0	8.3	400.0	99.0	2.9	0.2	210.0	2.9
	07/09/25	134	FKC (42%)/CVC (29%)/WELLS(29%)	25.0	1.3	8.0	0.7	45.0	1.9	100.0	1.6	33.0	0.9	5.9	0.1	220.0	8.3	380.0	96.0	3.2	N/A	250.0	3.3
	06/17/25	274	FKC (27.7%)/CVC (27.7%)/WELLS(44.6%)	29.0	1.5	7.3	0.6	51.0	2.2	110.0	1.8	33.0	0.9	7.4	0.1	270.0	8.1	440.0	100.0	1.8	0.3	380.0	3.1
	05/01/25	70	FKC (42%)/WELLS(58%)	26.0	1.3	7.2	0.6	49.0	2.1	96.0	1.6	33.0	0.9	13.0	0.2	240.0	8.2	420.0	95.0	3.4	0.3	400.0	2.8
	04/10/25	130	FKC (98%)/WELLS(2%)	7.0	0.4	1.1	0.1	5.9	0.3	27.0	0.4	3.4	0.1	ND	ND	32.0	7.0	75.0	22.0	4.3	0.1	ND	15.9
	03/04/25	16	WELLS(100%)	20.0	1.0	5.0	0.4	44.0	1.9	88.0	1.4	25.0	0.7	6.4	0.1	180.0	8.7	350.0	71.0	6.1	0.3	290.0	7.5
	02/11/25	0	CVC (100%)	34.0	1.7	6.8	0.6	74.0	3.2	110.0	1.8	38.0	1.1	14.0	0.2	320.0	8.0	540.0	110.0	ND	0.4	630.0	6.1
	01/07/25	0	SPILLWAY(AQUEDUCT-100%)	16.0	0.8	3.8	0.3	27.0	1.2	110.0	1.8	13.0	0.4	4.1	0.1	140.0	8.0	240.0	56.0	6.2	0.2	140.0	9.5
	12/11/24	0	DOWN FOR MAINTENANCE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	11/08/24	0	WELLS(100%)	16.0	0.8	8.3	0.7	30.0	1.3	73.0	1.2	37.0	1.0	ND	ND	170.0	7.7	320	74.0	5.6	0.1	100.0	4.1
	10/15/24	0	FKC(23%)/WELLS(77%)	21.0	1.1	5.8	0.5	32.0	1.4	110.0	1.8	18.0	0.5	4.2	0.1	220.0	8.2	300	76.0	4.5	0.2	140.0	2.5
	09/17/24	20	FKC (16%)/CVC (16%)/WELLS(67%)	15.0	0.8	6.1	0.5	39.0	1.7	61.0	1.0	22.0	0.6	4.7	0.1	200.0	8.9	300	62.0	7.6	0.2	260.0	5.8
	08/14/24	152	CVC (38%)/WELLS(62%)	23.0	1.2	6.6	0.5	34.0	1.5	89.0	1.5	29.0	0.8	5.5	0.1	190.0	8.2	330	85.0	4.4	0.2	180.0	3.1
	07/25/24	182	FKC (45%)/CVC (18%)/WELLS(37%)	20.0	1.0	4.9	0.4	30.0	1.3	81.0	1.3	22.0	0.6	5.1	0.1	180.0	8.0	280	70.0	5.7	0.2	180.0	4.5
	Average			**21.4**	**1.1**	**6.1**	**0.5**	**38.9**	**1.7**	**88.8**	**1.5**	**26.3**	**0.7**	**6.9**	**0.1**	**200.9**	**8.1**	**336.5**	**78.2**	**4.6**	**0.2**	**263.3**	**5.4**

EXHIBIT "C1"

ARVIN-EDISON WATER STORAGE DISTRICT

WATER SUPPLY WATER QUALITY SUMMARY

	Date	Flow	Import	Calcium		Magnesium		Sodium		Bicarbonate		Chloride		Nitrate		TDS	pH	EC	Hardness	SAR	Gypsum	Boron	Turbidity
		cfs	Source	mg/l	me/l	mg/l	me/l	mg/l	me/l	mg/l	me/l	mg/l	me/l	mg/l	me/l	mg/l		umhos/cm	mg/l		lbs/AF	mg/l	NTU
Intertie Pipeline	08/05/25	123	FKC (31%)/CVC (25%)/WELLS(28%)/AQUEDUCT(16%)	13.0	0.7	7.6	0.6	25.0	1.1	60	1.0	31.0	0.9	ND	ND	160	7.5	250	63	6.3	0	ND	5.5
	07/09/25	63	FKC (36%)/CVC (24%)/WELLS(25%)/AQUEDUCT(15%)	20.0	1.0	11.0	0.9	43.0	1.9	70	1.1	56.0	1.6	1.0	0.0	230	8.1	400	N/A	4.2	N/A	130.00	8.0
	06/17/25	40	FKC (27.7%)/CVC (27.7%)/WELLS(44.6%)	25.0	1.3	8.5	0.7	49.0	2.1	88	1.4	36.0	1.0	5.0	0.1	250	8.6	410	97	3.1	0.2	360.00	4.0
	05/01/25	40	FKC (36%)/WELLS(49%)/SPILLWAY(14%)	22.0	1.1	5.4	0.4	42.0	1.8	83.0	1.4	25.0	0.7	5.7	0.1	220.0	8.6	350.0	77.0	5.2	0.3	370.0	6.3
	04/10/25	0	FKC (98%)/WELLS(2%)	8.7	0.4	1.2	0.1	6.3	0.3	31.0	0.5	3.6	0.1	ND	ND	61.0	7.3	84.0	27.0	4.0	0.1	ND	12.4
	03/04/25	0	WELLS(100%)	24.0	1.2	7.3	0.6	41.0	1.8	87.0	1.4	29.0	0.8	5.1	0.1	280.0	8.6	370.0	90.0	3.9	0.2	210.0	13.2
	02/11/25	0	CVC (100%)	19.0	1.0	6.2	0.5	45.0	1.9	74.0	1.2	35.0	1.0	3.3	0.1	200.0	8.8	340.0	73.0	6.5	0.2	270.0	13.5
	01/07/25	0	SPILLWAY(AQUEDUCT-100%)	19.0	1.0	12.0	1.0	55.0	2.4	93.0	1.5	83.0	2.3	2.0	0.0	230.0	7.8	480.0	97.0	3.1	0.2	120.0	6.0
	12/11/24	0	DOWN FOR MAINTENANCE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	11/08/24	100	WELLS(51%)/AQUEDUCT(49%)	14.0	0.7	8.8	0.7	30.0	1.3	65.0	1.1	48.0	1.3	ND	ND	170.0	7.2	320	72.0	6.0	0.2	ND	5.4
	10/15/24	100	FKC(13%)/WELLS(44%)/AQUEDUCT(43%)	15.0	0.8	9.4	0.8	31.0	1.3	75.0	1.2	42.0	1.2	ND	ND	220.0	7.5	310	77.0	5.3	0.1	ND	4.4
	09/17/24	100	FKC (10%)/CVC (10%)/WELLS(40%)/AQUEDUCT(40%)	13.0	0.7	7.9	0.6	26.0	1.1	65.0	1.1	33.0	0.9	ND	ND	160.0	8.1	260	65.0	6.0	0.1	ND	6.5
	08/14/24	0	CVC (38%)/WELLS(62%)	23.0	1.2	6.5	0.5	35.0	1.5	81.0	1.3	28.0	0.8	4.9	0.1	200.0	8.5	330	83.0	4.5	0.2	220.0	3.8
	07/25/24	0	FKC (45%)/CVC (18%)/WELLS(37%)	22.0	1.1	5.8	0.5	31.0	1.3	69.0	1.1	24.0	0.7	5.8	0.1	190.0	20.1	300	78.0	5.1	0.2	200.0	3.4
	Average			**18.3**	**0.9**	**7.5**	**0.6**	**35.3**	**1.5**	**72.4**	**1.2**	**36.4**	**1.0**	**4.1**	**0.1**	**197.8**	**9.0**	**323.4**	**74.9**	**4.9**	**0.2**	**235.0**	**7.1**

Water Supply Water Quality Note: [1] Positive flow rate is reverse flow into the District. Where the reported value is ND, the method detection limit is entered.

Water Supply Water Quality Note: [2] Reverse flow into the District South Canal (Sycamore check gate was closed).

Water Supply Water Quality Note: [3] Constituent ran past sample hold time.

ND: NONE DETECTED.
N/A: NOT AVAILABLE OR NOT TESTED.
PR: PENDING RESULTS

mg/l: MILLIGRAMS PER LITER; SAME AS PARTS PER MILLION
me/l: MILLEQUIVALENTS PER LITER; SAME AS EQUIVALENTS

INTAKE: SAMPLE TAKEN AT COTTONWOOD RD. SOUTH OF PANAMA LANE.
NORTH: SAMPLE TAKEN DOWNSTREAM OF SYCAMORE CHECK GATE.
SOUTH: SAMPLE TAKEN DOWNSTREAM OF TEJON CHECK GATE.
INTERTIE: TERMINUS OF SOUTH CANAL (S93 FOREBAY).

SODIUM: FOR SURFACE IRRIGATION: SAR < 3 IS GOOD. FOR SPRINKLER IRRIGATION: SODIUM < 3 me/l IS GOOD.

NITRATE: NITRATE IN WATER SLIGHTLY REDUCES FERTILIZER REQUIREMENT.

BICARBONATE: BICARBONATE < 1.5 me/l IS SATISFACTORY FOR OVERHEAD SPRINKLERS.

CHLORIDE: FOR SURFACE IRRIGATION CHLORIDE < 4 me/l IS GOOD.

TDS: TDS < 450 IS ACCEPTABLE FOR UNRESTRICTED USE.

GYPSUM: AMOUNT OF CALCIUM SULFATE IN POUNDS PER ACRE-FOOT OF WATER APPLIED. INCREASES WATER PERMEABILITY AND HELPS CORRECT EXCESS SODIUM. INCREASES CLAY FLOCCULATION FOR INCREASING PERMEABILITY.

pH: A MEASURE OF ACIDITY. A pH < 7 IS ACIDIC, pH = 7 IS NEUTRAL, pH > 7 IS BASIC. NORMAL RANGE IS 6.5 - 8.4. A pH > 8 MAY NEED TO BE BUFFERED FOR PESTICIDE APPLICATION. AFFECTS NUTRIENT AVAILABILITY.

EC: ELECTRICAL CONDUCTIVITY. A MEASURE OF WATER SALINITY; SOIL - IN MILLIMHOS PER CENTIMETER (mmho/cm); WATER - MORE OFTEN, IN MICROMHOS PER CENTIMETER (umhos/cm). EC < 700 (umhos/cm) HAS NO RESTRICTIONS FOR AGRICULTURAL USE. EC < 200 (umhos/cm) CAN REDUCE INFILTRATION RATE.

HARDNESS: HARD WATER, INDICATING CALCIUM AND MAGNESIUM, IS BENEFICIAL FOR AGRICULTURE.

SAR: SODIUM ADSORPTION RATIO. A RATIO OF SODIUM TO CALCIUM AND MAGNESIUM.
EVALUATE WITH EC.
SAR = 0 - 3 AND EC > 400 ACCEPTABLE
SAR = 3 - 6 AND EC > 900 ACCEPTABLE

BORON: BORON < 0.50 mg/l IS SATISFACTORY FOR ALL CROPS. EXCESSIVE BORON IS PHYTOTOXIC (BURNS) TO PLANTS.

EXHIBIT "C-2"

ARVIN-EDISON WATER STORAGE DISTRICT

2025 AQUATIC PEST CONTROL TREATMENTS TO CANALS & SPREADING BASINS

Treatment Weeks (Monday)		Temps	Intake	North						South									
			Stine Siphon	Bal. Res.	PP 24P1	NCSW	PP 41P1	PP 55P1	Syc. Ponds	Syc. Check	PP 32P1	PP 38P1	Tej. Ponds	Tej. Check	615 Check	729 Check	883 Check	Spill Way	Intertie Forbay
			353+87	145+00	237+00	326+50	413+10	546+00	576+50	664+30	291+50	386+30		458+40	615+00	729+10	883+00	885+45	900+27
JAN	01/06/25	36-62																	
	01/13/25																		
	01/20/25																		
	01/27/25																		
FEB	02/03/25	44-67																	
	02/10/25																		
	02/17/25																		
	02/24/25																		
MAR	03/03/25	46-68																	
	03/10/25																		
	03/17/25																		
	03/24/25																		
	03/31/25																		
APR	04/07/25	53-76																	
	04/14/25							5		50	50								
	04/21/25																		
	04/28/25																		
MAY	05/05/25	60-87						5		40	40								
	05/12/25																		
	05/19/25																		
	05/26/25									47	47								
JUN	06/02/25	58-102																	
	06/09/25																		
	06/16/25									45	45		29			17			
	06/23/25																		
	06/30/25												31			11			
JUL	07/07/25	69-97								42	42		9			8			
	07/14/25											18			11				
	07/21/25											20				10			
	07/28/25									34	34		10			16			
AUG	08/04/25	73-98										25			20				
	08/11/25											16			10				
	08/18/25									36	36	18			13				
	08/25/25																		
SEPT	09/01/25																		
	09/08/25																		
	09/15/25																		
	09/22/25																		
	09/29/25																		
OCT	10/06/25																		
	10/13/25																		
	10/20/25																		
	10/27/25																		
NOV	11/03/25																		
	11/10/25																		
	11/17/25																		
	11/24/25																		
DEC	12/01/25																		
	12/08/25																		
	12/15/25																		
	12/22/25																		
	12/29/25																		

2025 Cost To Date

Treatment	Material	Labor	Total
Captain/Nautique	$0	$0	$0
Phycomycin	$0	$0	$0
Cascade	$0	$0	$0
Teton/Hydrothol	$114,156	$13,801	$127,957
Spreading Basins	$0	$0	$0
Total	$114,156	$13,801	$127,957

Shaded weeks are actual
Copper treatment (gal/lbs) for algae and pondweed (injected/broadcast)
Phycomycin (hydrogen peroxide) treatment (lbs) for algae (broadcast)
Endothall treatment (gal) for milfoil/basins (injected)
Endothall treatment (gal) for algae (injected)
Sonar/Clearcast/RoundUp Custom/MSO (gal)
Winter Maintenance

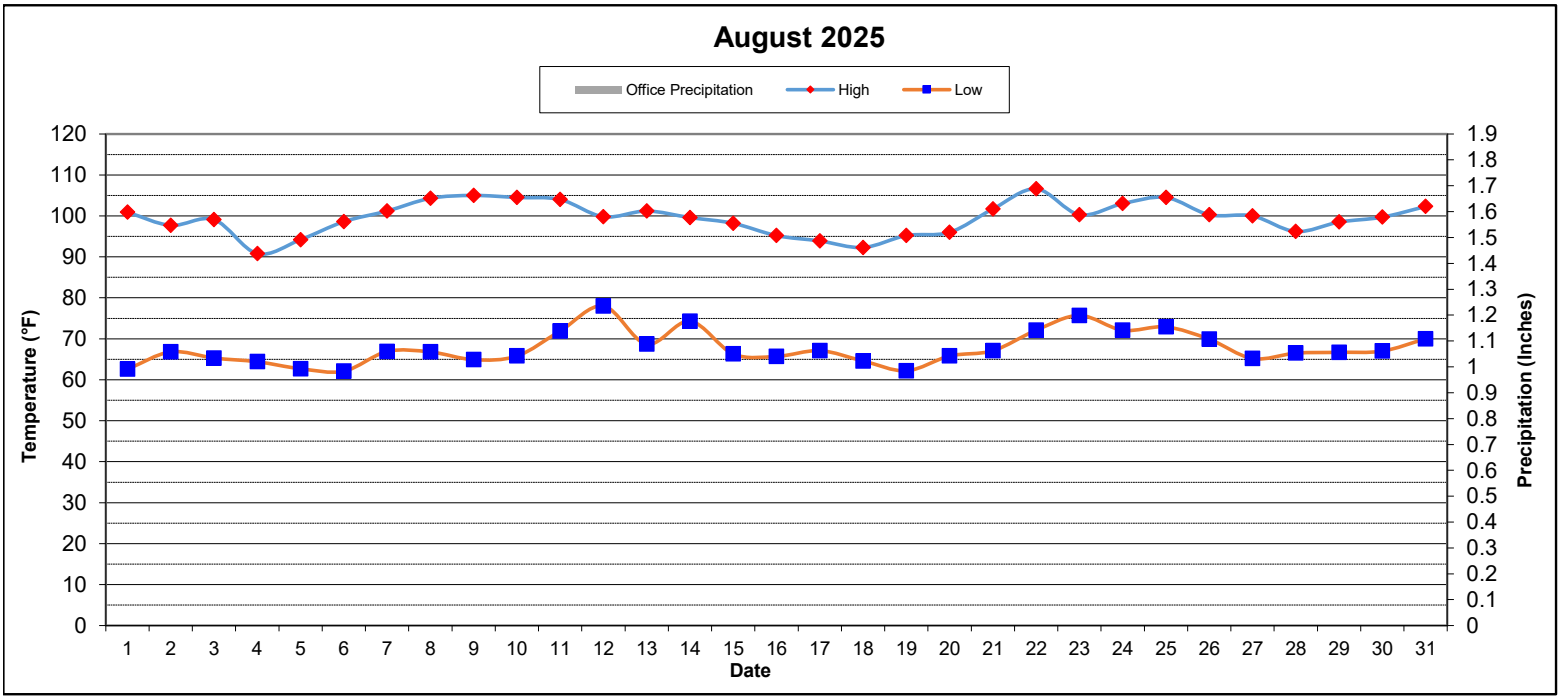
Year	2025	2024	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005
Year Type	Dry	Normal-Wet	Wet	Normal-Dry	Critical-High	Dry	Wet	Normal-Dry	Wet	Normal-Dry	Critical-Low	Critical-High	Dry	Dry	Wet	Normal-Wet	Normal-Wet	Normal-Dry	Dry	Wet	Wet
Amount	$127,957	$88,978	$253,046	$461,593	$420,296	$399,808	$105,928	$235,599	$222,685	$186,034	$262,734	$367,563	$528,770	$504,159	$233,449	$24,969	$226,466	$341,506	$464,165	$341,920	$89,797

Average by WY Type	Critical-High	Critical-Low	Dry	Normal-Dry	Normal-Wet	Wet
	$393,929	$262,734	$474,226	$232,694	$113,471	$207,804

EXHIBIT "D"

ARVIN-EDISON WATER STORAGE DISTRICT

SUMMARY OF CLIMATOLOGICAL OBSERVATIONS



PRECIPITATION	BAL RES (1)		OFFICE (2)		SYCAMORE (3)		TEJON (4)		INTERTIE (5)	
	INCHES	% AVG.	INCHES	% AVG.	INCHES	% AVG.	INCHES	% AVG.	INCHES	% AVG.
AVG. MONTHLY	0.22		0.09		0.08		0.06		0.28	
AVG. YEAR TO DATE	0.20		0.11		0.10		0.08		0.25	
CURRENT MONTH	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%
CUMULATIVE (07/01/25 - 06/30/26)	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%

TEMPERATURE (6)	(ºF)	DATE	TIME
MAXIMUM TEMPERATURE	107	8/22/2025	4:00 PM
AVERAGE MAXIMUM TEMPERATURE	100		
# DAYS THIS MONTH ABOVE 100 ºF	15		
MINIMUM TEMPERATURE	62	8/6/2025	4:00 AM
AVERAGE MINIMUM TEMPERATURE	68		
# DAYS THIS MONTH BELOW 32 ºF	0		

WIND (6)	M.P.H.	DATE	TIME	DRCTN
MAXIMUM WIND SPEED	4.6	8/14/2025	6:30 PM	NE
AVERAGE WIND SPEED	3.9			
AVERAGE WIND SPEED @ 8:00 AM	4.3			

BAROMETRIC PRESSURE (7)	IN. HG	DATE	TIME
AVERAGE PRESSURE @ 8:00 AM	29.39		
MAXIMUM PRESSURE	29.60	8/2/2025	9:00 AM
MINIMUM PRESSURE	29.20	8/14/2025	8:00 PM

NOTES

(1) October 2018 to Present data gathered from District rain gauges
(2) 1975 to Present data gathered from District rain gauges
(3) 1968 to Present data gathered from District rain gauges
(4) 1967 to Present data gathered from District rain gauges
(5) October 2018 to Present data gathered from District rain gauges
(6) Data retrieved from CIMIS (http://www.cimis.water.ca.gov/WSNReportCriteria.aspx) (125 Arvin-Edison)
(7) Data retrieved from Weather Underground (https://www.wunderground.com/us/ca/arvin/zmw:93203.1.99999)
Precipitation Day is 8:00 AM to 8:00 AM

EXHIBIT "E"

ARVIN-EDISON WATER STORAGE DISTRICT

WY2025 ENERGY CONSUMPTION AND POWER DEMAND

	ENERGY CONSUMED - KWH						TOTAL DEMAND - KW						
Month	Forrest Frick PP	Distrib. System	Spreading	Wells	Intertie PP	Total	Forrest Frick PP	Distrib. System	Spreading	Wells	Intertie PP	Total	Load Factor
MAR 25	98,158	1,181,591	1,339	3,002,380	3,235	4,286,703	1,214	11,390	89	12,647	5	25,345	23%
APR	1,574,485	3,476,794	20,963	3,569,188	3,310	8,644,741	5,390	14,147	1,734	7,998	5	29,275	41%
MAY	2,132,302	5,523,953	23,656	6,556,012	3,253	14,239,176	4,962	15,442	366	9,458	5	30,234	63%
JUN	2,300,912	6,122,900	40,162	7,539,646	3,077	16,006,697	5,392	15,424	354	11,589	5	32,763	68%
JUL	2,543,456	6,559,900	7,680	4,944,401	4,076	14,059,513	5,361	15,495	350	7,152	8	28,367	67%
AUG	2,090,354	6,189,943	5,294	5,281,616	4,677	13,571,883	4,998	15,299	259	7,711	9	28,275	65%
SEP													
OCT													
NOV													
DEC													
JAN 26													
FEB													
TOTAL	10,739,667	29,055,080	99,093	30,893,243	21,628	70,808,711							

Notes: - Since 2005 KW records reflect non-simultaneous demands.

- Energy use for lighting accounts for approximately 90,000 kWh/month at District wellfields and 4,000 kWh/month at the Intertie Pumping Plant

9/3/2025

EXHIBIT "F"

ARVIN-EDISON WATER STORAGE DISTRICT

2025 WATER YEAR WELLFIELD PRODUCTION - AF

Month	Bal Res		North Canal 5		Wellfield						Total		
					North		Sycamore		Tejon				
	AF	% of Historical Max	AF	% of Historical Max	AF	% of Historical Max	AF	% of Historical Max	AF	% of Historical Max	AF	AF / Day	% of Historical Max
MAR - 25	0	0%	384	32%	1,261	49%	1,431	22%	668	12%	3,744	121	24%
APR	0	0%	484	40%	1,339	44%	2,076	30%	548	11%	4,447	148	30%
MAY	0	0%	869	70%	2,328	63%	3,839	53%	1,092	20%	8,128	262	54%
JUN	0	0%	812	40%	2,885	78%	3,629	181%	1,692	85%	9,018	291	60%
JUL	0	0%	690	55%	2,696	71%	2,155	29%	523	10%	6,064	196	37%
AUG	0	0%	669	54%	2,555	68%	2,590	35%	596	12%	6,410	207	40%
SEP		0%		0%		0%		0%		0%	0	0	0%
OCT		0%		0%		0%		0%		0%	0	0	0%
NOV		0%		0%		0%		0%		0%	0	0	0%
DEC		0%		0%		0%		0%		0%	0	0	0%
JAN - 26		0%		0%		0%		0%		0%	0	0	0%
FEB		0%		0%		0%		0%		0%	0	0	0%
Total	0		3,908		13,064		15,720		5,119		37,811	102	20%
Ratio	0%		10%		35%		42%		14%		100%	Average	
Wells	4		5		14		34		29		86		

EXHIBIT "G-1"

ARVIN-EDISON WATER STORAGE DISTRICT

2025 WATER YEAR GROSS SPREADING - AF

Month	Eastside Canal Sunset	Bal Res	North Gravity	North Pressure	Sycamore	Tejon Gravity	Tejon Pressure	Caltrans & Caliente	Landowner Recharge	Subtotal	In-Lieu	Temporary Water	Total
MAR-25	0	0	0	0	0	0	0	0	0	0	0	0	0
APR	0	189	0	0	0	0	33	0	0	222	0	0	222
MAY	0	174	0	0	0	0	0	0	0	174	0	0	174
JUN	0	500	0	0	0	0	0	0	0	500	0	0	500
JUL	0	118	0	0	0	0	0	0	0	118	0	0	118
AUG	0	0	0	0	0	0	0	0	0	0	0	0	0
SEP										0			0
OCT										0			0
NOV										0			0
DEC										0			0
JAN-26										0			0
FEB										0			0
Total	0	981	0	0	0	0	33	0	0	1,014	0	0	1,014
Ratio													
Ratio													

Total Pressure		981		0			33			1,014			1,014

EXHIBIT "H-1"

ARVIN-EDISON WATER STORAGE DISTRICT

STATIC VS PUMPING WATER LEVELS IN DISTRICT WELLS - AUG 2025

ALL VALUES IN FEET

	WELL #	STATIC LEVEL	PUMPING LEVEL	BOWL [1] DEPTH	TOTAL DEPTH	DRAW [2 3] DOWN	BOWL [4] COVERAGE
NORTH CANAL (23)	N1	475	582	610	840	107	28
	N2	448	578	700	840	129	122
	N3	386	414	610	840	28	196
	N4	446	469	550	864	23	81
	N5	458	470	650	864	12	180
	N6	461	504	640	920	43	136
	N7	468	494	600	1010	25	106
	N8	414	461	560	970	46	99
	N9	451	559	700	990	109	141
	N10	424	500	560	990	76	60
	N11	416	465	562	1020	49	97
	N12	464	494	600	1030	30	106
	N13	466	498	600	1000	32	102
	N14	443	466	540	900	23	74
	N15	388	534	700	1200	146	166
	N16	407	521	600	1200	114	79
	N17	N/A	N/A	610	1200	N/A	N/A
	N18	356	416	610	1190	60	194
	N19	478	522	760	1300	44	238
	N20	420	494	820	1020	74	326
	N21	447	537	660	950	90	123
	N22	442	469	680	990	27	211
	N23	435	456	680	990	21	224
	Avg	436	496				

	WELL #	STATIC LEVEL	PUMPING LEVEL	BOWL [1] DEPTH	TOTAL DEPTH	DRAW [2 3] DOWN	BOWL [4] COVERAGE
TEJON (28)	71	504	532	800	1050	28	268
	72	486	502	800	1045	16	298
	73	488	523	800	1018	35	277
	74	484	537	800	1084	53	263
	75	490	509	800	1045	18	291
	76	478	529	700	996	51	171
	77	472	553	800	1066	81	247
	78	472	534	800	1038	62	266
	79	455	566	700	1032	111	134
	80	467	560	800	996	92	240
	81	358	462	700	925	104	238
	82	472	523	800	996	51	277
	83	442	N/A	N/A	N/A	N/A	N/A
	84	N/A	N/A	700	955	N/A	N/A
	86	511	544	800	996	32	256
	87	507	537	800	984	30	263
	88	507	539	800	948	32	261
	89	486	520	800	996	35	280
	90	564	598	700	996	35	102
	92	523	574	800	996	51	226
	93	502	510	800	996	8	290
	94	580	678	860	996	97	182
	95	474	N/A	N/A	N/A	N/A	N/A
	96	495	638	800	996	143	162
	98	N/A	N/A	760	1340	N/A	N/A
	99	487	513	760	1340	26	247
	100	441	483	760	1340	42	277
	101	462	522	760	1310	60	238
	Avg	487	541				

OUT OF SERVICE (3)
AIRLINE FAILURE, ACCOUSTIC SOUNDER USED (15)
MONITORING WELLS (4)
UNSTABLE DATA (2)

	WELL #	STATIC LEVEL	PUMPING LEVEL	BOWL [1] DEPTH	TOTAL DEPTH	DRAW [2 3] DOWN	BOWL [4] COVERAGE
SYCAMORE (34)	1	432	469	705	800	37	236
	2	330	461	690	876	132	229
	4	453	490	700	876	37	210
	5	466	473	720	876	7	247
	6	401	459	690	876	58	231
	7	441	490	700	830	49	210
	8	440	N/A	N/A	N/A	N/A	N/A
	9	457	506	700	886	49	194
	10	431	445	690	850	14	245
	11	434	476	700	880	42	224
	12	455	494	700	860	39	206
	13	N/A	N/A	700	850	N/A	N/A
	14	384	430	670	810	46	240
	15	442	523	710	820	81	187
	16	441	524	700	888	83	176
	17	394	599	650	820	206	51
	18	412	435	650	820	23	215
	20	419	454	680	804	35	226
	21	417	475	690	856	58	215
	22	411	439	610	792	28	171
	23	408	443	600	788	35	157
	24	418	453	580	780	35	127
	25	416	444	610	777	28	166
	26	410	473	690	816	62	217
	28	387	445	660	782	58	215
	29	420	464	690	787	44	226
	31	427	484	660	725	58	176
	32	N/A	N/A	640	739	N/A	N/A
	33	455	561	700	780	106	139
	34	429	N/A	N/A	N/A	N/A	N/A
	35	451	536	700	800	85	164
	36	424	461	600	820	37	139
	37	420	452	540	820	32	88
	38	433	489	860	1270	56	383
	Avg	423	478				

MONTHLY SUMMARY - AVERAGE WATER LEVELS

READINGS	STATIC LEVELS			PUMPING LEVELS		
END OF	N. CANAL	SYCAMORE	TEJON	N. CANAL	SYCAMORE	TEJON
AUG	435	413	476	490	466	534
SEP	443	409	470	496	460	528
OCT	443	404	468	492	453	526
NOV	426	392	453	479	440	512
DEC	426	387	445	479	437	504
JAN	428	390	439	482	440	497
FEB	433	398	440	486	449	499
MAR	433	398	440	486	449	499
APR	431	427	453	486	477	512
MAY	430	433	469	488	483	526
JUN	436	423	489	495	478	545
JUL	435	420	489	495	476	544
AUG-25	436	423	487	496	478	541
12 MONTH CHANGE	-01	-10	-11	-06	-12	-07

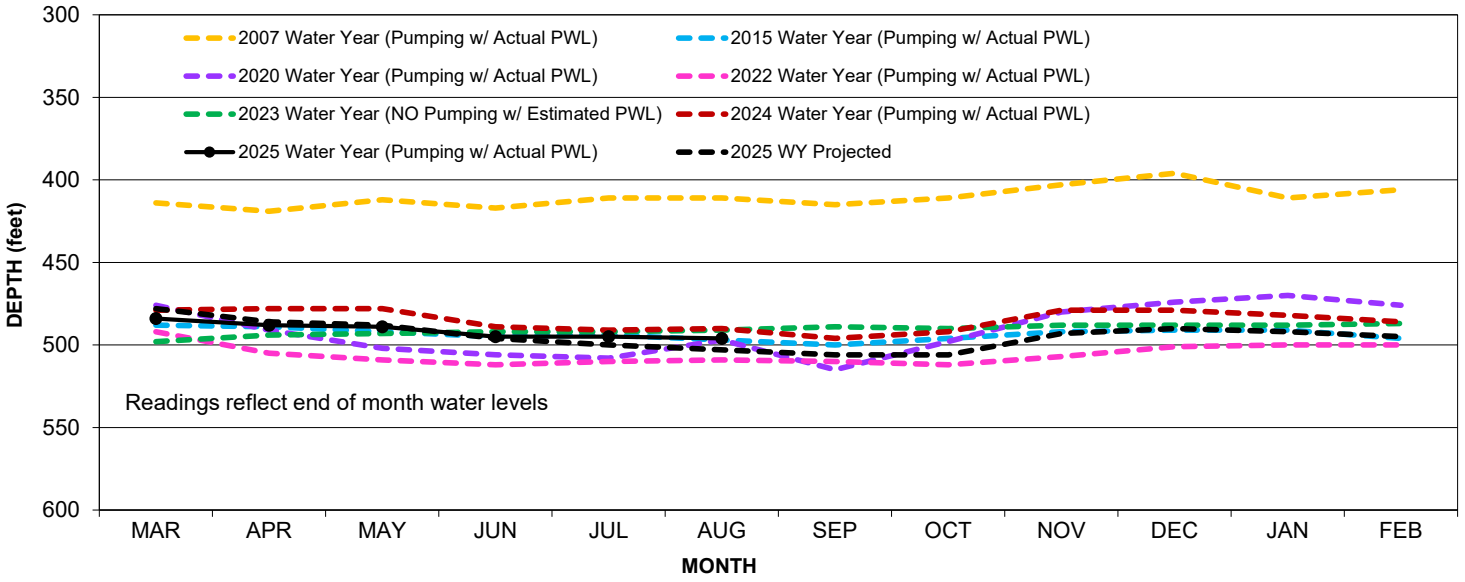
[1] Bowl depth is measured from the bottom of the bowls to top of the pump.
[2] When pumps aren't running,pumping levels are estimated based on previous draw down records. (6 month avg.)
[3] Red numbers indicate drawdowns that are above 100.
[4] Red numbers indicate bowl coverage that is below 50.

EXHIBIT "H-2"

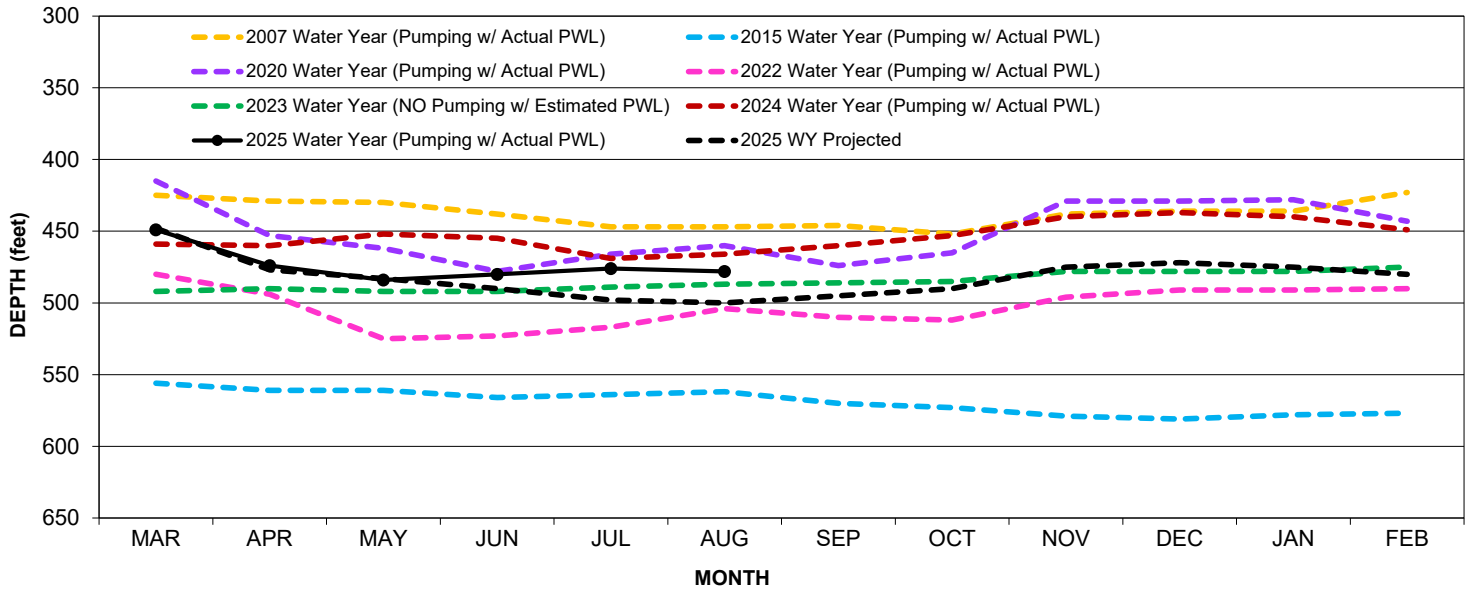
ARVIN-EDISON WATER STORAGE DISTRICT

WELLFIELD PUMPING WATER LEVELS - 2007, 2015, 2019-20, 2022, AND 2024-25

NORTH CANAL



SYCAMORE WELLFIELD



TEJON WELLFIELD