ARVIN-EDISON WATER STORAGE DISTRICT

REPORT OF DISTRICT OPERATIONS

November 2025

Forrest Frick Pumping Plant Forebay Seven (7)
Sediment Clean-up

20401 East Bear Mountain Blvd.
Mailing: P.O. Box 175
Arvin, CA 93203-0175

Phone: 661-854-5573
Fax: 661-854-5213
E-mail: arvined@aewsd.org
Website: aewsd.org

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. Recapture activities resume in November, and it is expected that approximately 16,000 AF (total for all districts) will become available for the remainder of the year (February 2026).
- 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. However, due to Delta water quality concerns and pumping limitations, it’s possible that not all the 1,650 AF will be made available to the District.

State Water Project (SWP)

- The initial California Department of Water Resources 2026 State Water Project allocation is 10%.

Kern River

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

Water Bank Facilities

- The District is expected to recover approximately 55,000 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.
- 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 on March 2025 was approximately 45,000 AF. District received 10,000 AF of returned bank supplies from RRBWSD in during Water Year 2025, leaving approximately 35,000 AF in the account balance.

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 2,416 AF.

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

Water Type	Month of November		Water Year to Date	
	10 Yr. Avg.	2025	10 Yr. Avg.	2025
SWSA	4,827	2,416	113,135	113,606
In-Lieu		0		0
Temporary		0		0
Spreading*	n/a	0	n/a	1,196
	Total	2,416	Total	114,802

*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 228 cfs, which occurred on the 7th.
- Exhibit "C-1” details Canal Water Quality information.
- Exhibit “C-2” presents the Aquatic Pest Control Treatments ($170,102 for Calendar Year 2025).

GENERAL

- District vehicles consumed an estimated 3,114 gallons of fuel during the month (average fuel efficiency of 12.9 mpg).
- There were 292 hours lost due to illness and 160 hours lost due to on-the-job injuries.
- Exhibit "D” highlights precipitation, temperature, and wind speed.
- Exhibit "E" summarizes energy consumption and power demand.

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.

Grants & Funding Opportunity Updates

Project Name	Drought Recovery Wells and Conjunctive Use Modeling Tool	Forrest Frick Unit 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	Awarded
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 in January 2026*		*Grant is complete*			

- 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

	N24 & N26 Recovery Wells – Drilling & Equipping	N24 & N26 Recovery Wells – Electrical	NCSW Expansion – FDRE – 1st Contract	NCSW Expansion – FDRE - 2nd Contract	White Wolf Subbasin 850 Canal Intertie	White Wolf Temp Water Program
Construction Start Date	March 2025	March 2025	July 2025	December 2025	July 2025	October 2025
Punch List	October 2025	September 2025	November 2025	March 2026	November 2025	December 2025
Final Project Close-Out	November 2025	November 2025	January 2026	March 2026	December 2025	December 2025
Current Construction Contract Costs	$2,144,560	$521,950	$1,046,703.25 (Change Order #2-3 approved 11/25/25 to raise exterior levees)	$742,953.77	$645,099	$772,600
Total Grant Funding	$2,000,000 (Federal Share) $2,160,421 (Recipient Share)		$999,500		$925,000	$1,345,000 ($212,000 is allocated to WRMWSD)
Notes	**Time Extension approved. Grant Funding needs to be spent by March 31, 2026*		**FDRE Grant Funding needs to be spent by March 31, 2026*		**Grant Funding needs to be spent by December 31, 2025*	**Grant Funding needs to be spent by March 31, 2026. No Cost Time Extension was approved on 10/24/2025*

AEWSD Upcoming Construction Projects

	Frick Unit Phase 2 – Main Line	Frick Unit Phase 3 - Laterals
Bid Advertisement	October 21, 2025	March 2026
Board Approval	December 9, 2025	May 12, 2026
Anticipated Notice to Proceed	December 2025	May 2026
Mobilization Start	January 2026	June 2026
Projected Completion Date	August 2026	October 2026
Current Estimated Costs	$7,994,000	$4,195,000
Total Grant Funding	$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	$7,939,000	
Notes	**Schedule tentative to change - pending EPA grant agreement* **DWR Grant Funds must be spent by March 31, 2026*	

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 continuation hearing was held September 17, 2025. The State Water Resources Control board was satisfied with the 2025 GSP and decided to send the Subbasin back to the California Department of Water Resources.
- The Kern Subbasin 2025 GSP is now being implemented.
- 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.

Well Field Management

Well Repair Status Report

December 01, 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 Well needs to be abandoned in some manner after pump was not able to pulled from well. o The pump would not come free and the column/tube/shaft ultimatedly separated 220' down. o I recommend we install a locking cap on the well head and leave it as is.
Tejon 84	1970	55	996	Acceptable	**Out of Service**	Pump Failure	o Well was brushed in October and re-video'd. Perfs appeared very plugged up still, and structual integrity uncertain. o Acid treatment was completed in November and well was re-video'd. o Results are ambiguous. I'm need to make decisions patching...where and how many.

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

- Replaced SGMA well meter batteries.
- Replaced locks and chains on various Intake gates.
- Continued fine tuning and upgrading WildEye, remote monitoring of Turnout meters.
- Charged WildEye external batteries district wide.
- Drained back Lateral N8 for temporary turnout tie-in.
- Cleaned staff gauges at all P1 Pumping Plants.
- Cleaned pump pads at various pumping plants.
- Created winter maintenance preparation check sheet.
- Collected fire extinguishers for annual inspection and calibration.
- Re-certified Operation’s staff on fire extinguisher safety and use.

Fire Safety Training at Headquarters & Annual Fire Extinguisher Inspections

Underground Service Alert (USA) Report

- District initiated 3.
- Responded to 233 USA notices to locate District underground facilities.
  - 50 required markings of District facilities.
  - 77 were renewals.
  - 106 with no conflicts.

Power Outages and/or Interruptions Involving the Following Systems

Power Interruptions													
FFPP		**BR**		**S32**	1	**S68**		**S88**		**OFFICE**		**SYC**	
N1		**N41**		**S38**		**S73**		**S93**		**INTERTIE**		**TEJON**	
N8		**N55**		**S64**		**S78**		**EOC**		**NC**		**CVC**	

Lateral Prorates

Prorated Laterals (days)											
N1	0	**N8**	0	**N24**	0	**N41**	0	**N55**			0
S32	0	**S38**	1	**S64**	0	**S73**	0	**S88**	0	**S93**	0

Facility Improvements (Repairs-R or New-N)

Meters-N		Meters-R	

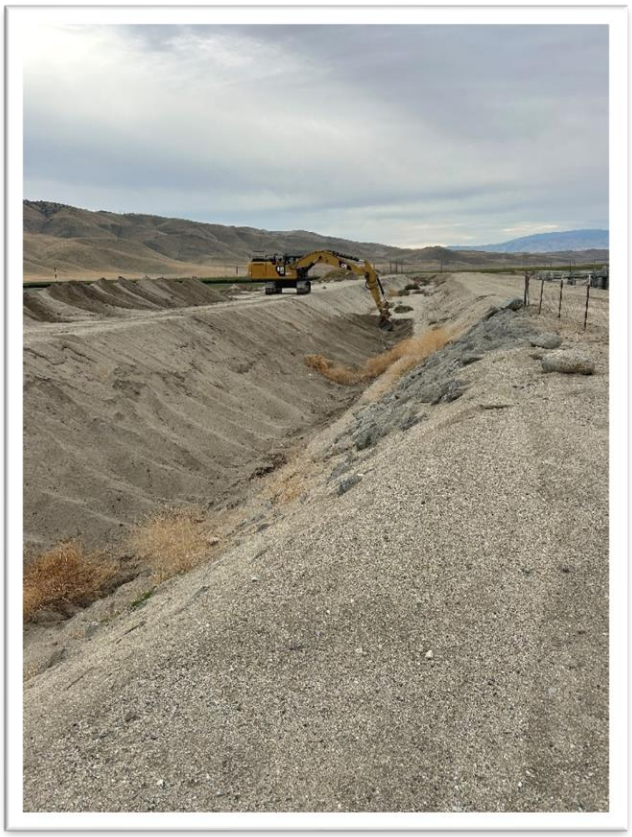
MAINTENANCE DEPARTMENT ACTIVITIES

Routine Activities

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

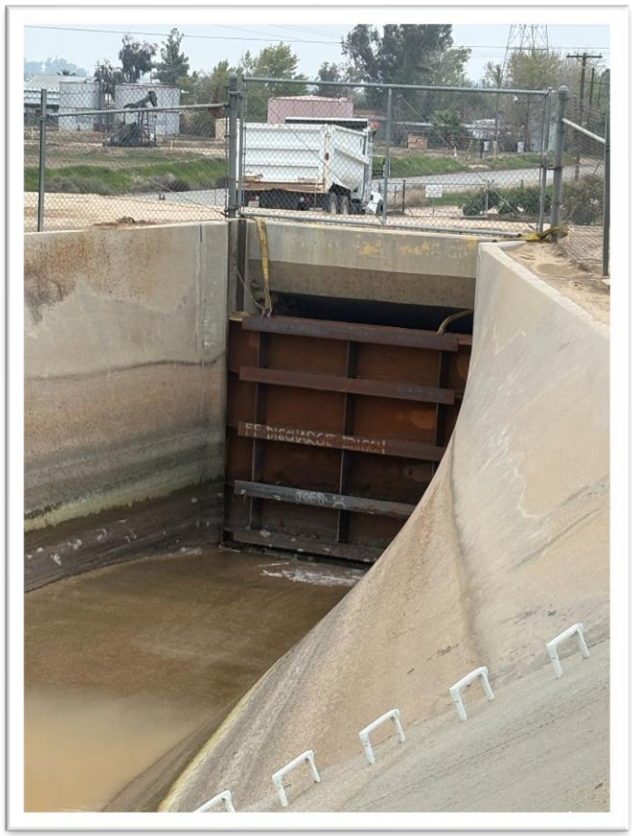
Additional Activities

- Continued grading at the Intake Canal.
- Placed Stoplog and Berm at North Canal.
- Potholed and repaired valve for Turnout NC-B.
- Poured concrete around the valve lids at multiple locations to prevent riser settlement.
- Replaced damaged wood trim inside Headquarters Atrium.
- Completed painting the Pump Shop.
- Removed sand from the Sycamore Channel.
- Continued clean up at Tejon Ponds.
- Repaired copper line at Pump Plant S73-P1.
- Placed Turnout M6 back in service.
- Attended fire extinguisher class.
- Prepared for Winter Maintenance.



Removed Accumulated Sand from Sycamore Channel in Preparation for Rain

Placed Berm at the Start of North Canal for Winter Maintenance



Placed Stoplog at the Start of North Canal for Winter Maintenance

Mechanic's Shop Repair Activities

- Performed weekly inspection on the Fuel Tank and Gas Pump.
- Repaired clutch on Gradall.
- Repaired hydraulic hoses on Dozer.
- Repaired clutch on water truck.
- Replaced hydraulic hoses on Bobcat Skid-Steer.

Part	Repair/Replaced	Part	Repair/Replaced
Routine Service	12	A/C Service/Heater	3
Brakes	2	Belts	1
Tires	8	Headlights/Taillights	0/2
Tire Repairs	6	Shocks	0
Rotors/Drums /Wheel Bearings	0/0	Wiper Blades/Engine Washes	6/2
Batteries	4	Cabin Filter	4
Fuel Filters	4	Trailer Lights/Spotlights	1/2
Tune-ups	1	Cleaned Throttle Body	2
Clean TPS Sensor	2	Misc	4

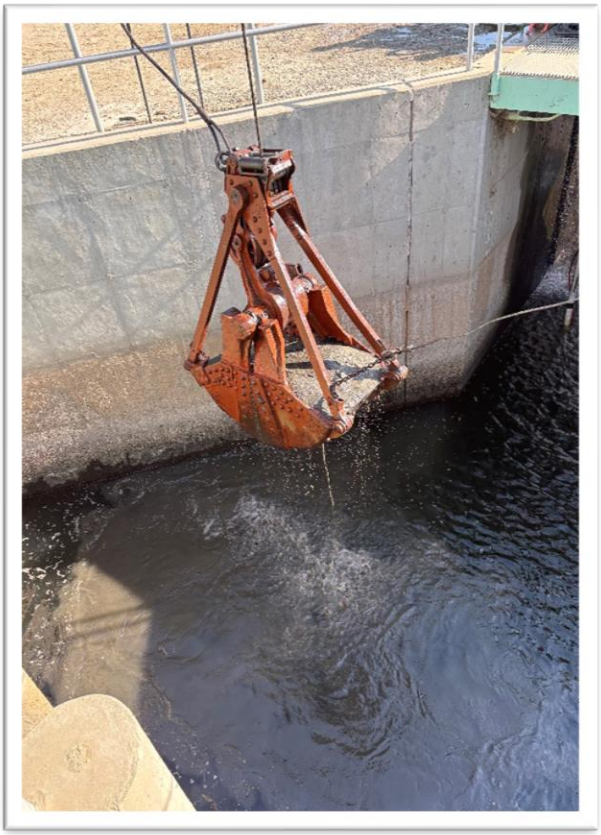
PUMP DEPARTMENT ACTIVITIES

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.

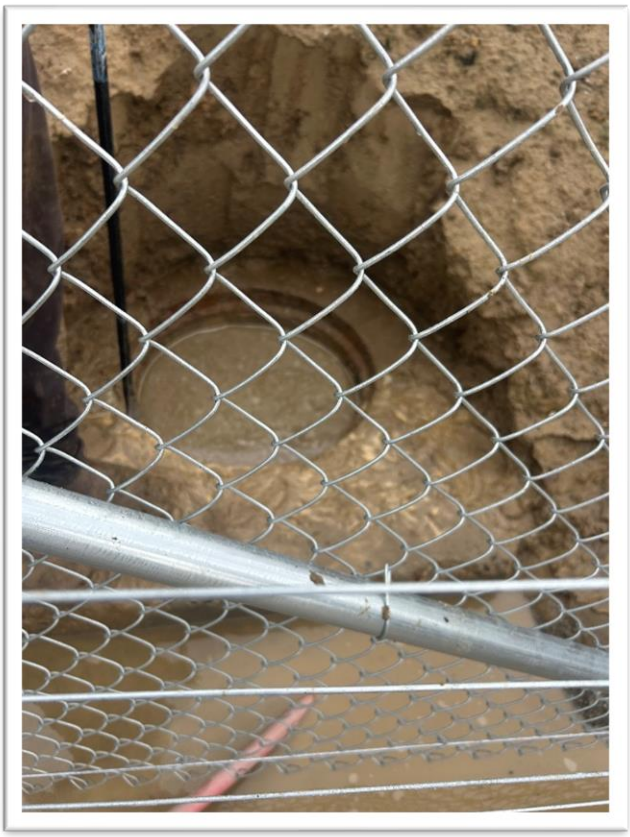
Additional Activities

- Performed annual replacement of compressor pump oil at all the Pumping Plants.
- Replaced a check nut on a 12” check valve.
- Removed sediment from the forebays on the North and South side of the district including Forrest Frick Pumping Plant with contractors.
- Unclogged the storm drain with Hydrovac at Forrest Frick Pumping Plant.
- Repaired the sump pump at Pump Plant N55-P3.
- Replaced a bad compressor pump at Pump Plant N55-P14 unit #1.
- Replaced a broken roll pin on a 16” check valve at Pump Plant S64-P1 unit #2.
- Repaired the moss screen at Pump Plant S73-P1 due to bad bearings and the screen being shifted to one side.



Removed Sediment from Forrest Frick Forebays

- Replaced a bad compressor pump at Pump Plant S73-P2 unit #1.
- Installed a new 10 CFS Peerless pump at Pump Plant S73-P2 unit #3 (Phase 2).
- Installed a new Faulk coupler at Pumping Plant S73-P2 unit #3.



Unclogged Storm Drain at Forrest Frick Pumping Plant

Repaired Moss Screen at Pump Plant S73-P1 Due to Bad Bearings and Alignment Issues

PUMP & MOTOR REPAIR SUMMARY

	Pumping Plant/Wells	Unit	Size	Time/Hours	Reason
Vertical Pumps					
Vertical Motors		5			
Horizontal Pumps	S73-P1	3	10 CFS	107716	New Peerless Pump
Horizontal Motors		1			

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**

Distribution System Improvements (Repairs-R or New-N)							
Radios	**PLC's or Control Mods.**	**Photo cell/ Lights**	**Wiring**	**Valve Controllers or Limitorque**	**Coils**	**Relays / Thermal O/L**	**Fuses / Transducers**
	R – S64-P3 – repaired electrical connection of the pressure transducer for tank water level	N – 78 Gravity – installed two (2) LED lights	N – N1-P2 compressor #2 – repaired electrical control circuit				N – S32-P1 – installed forebay water level Vega radar sensor & water display module
		N – 729 Checkgate – replaced wall pack LED lights					N – South H Checkgate – installed upstream water level Vega radar sensor & water display module
		N – HFPP – replaced wall pack LED lights					

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**
			N – Sycamore Well #24 – replaced control fuse & flood light's photocell				
			N – Sycamore Well #32 – replaced control fuse & flood light's photocell				

Additional Activities

- Oversaw contractor electrical testing at new wells N24 and N26.
- Oversaw the 12kv power pole replacement by contractor at North Canal Spreading Basin.
- Worked with contractor at Pump Plant S32-P1 to dig a trench and run electrical conduit to supply 110VAC for Worcester automatic valve operator. Installed enclosure box.
- Inspected and verified the 12kv high line cable for Sycamore well #38 and Tejon well #72.

FORREST FRICK PUMPING PLANT

- 429 AF of water was pumped during the month.

HOWARD FRICK PUMPING PLANT (AQUEDUCT INTERTIE)

- 722 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 (KERN TULARE)		602	
CARRYOVER OF 2024 WATER		2,018	
	SUBTOTAL	58,343	
CHOWCHILLA WSD EXCHANGE (URF/CLASS 1)		1,085	
MADERA IRRIGATION DISTRICT		-5,950	
KERN TULARE EXCHANGE		-2,800	
LOWER TULE ID & PIXLEY ID		-2,640	
CHOWCHILLA WSD EXCHANGE (RECAP/CLASS 1)		-1,800	
CHOWCHILLA WSD EXCHANGE (URF/CLASS 1)		-1,085	
FRESNO COUNTY		-530	
KERN TULARE (WATER QUALITY MITIGATION)		-500	
	SUBTOTAL	-14,220	
	TOTAL F-K	44,123	33.6%
CROSS VALLEY CANAL (CVC)			
ROSEDALE WSD		10,000	
SJRPP RECAPTURE RECIRCULATION		9,472	
KERN TULARE/ ID4 EXCHANGE		2,800	
CHOWCHILLA WSD EXCHANGE (RECAP/CLASS 1)		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		-254	
	TOTAL CVC	22,519	17.1%
INTERTIE PIPELINE (IPL)			
WHEELER RIDGE WSD		10,000	
	TOTAL IPL	10,000	7.6%
TOTAL IMPORT		**76,642**	**58.3%**
GROUNDWATER PUMPING			
IRRIGATION DEMAND		54,859	
	TOTAL PUMPING	54,859	41.7%
TOTAL WATER SUPPLY		**131,501**	**100.0%**

DEMAND		
IRRIGATION DEMAND (MARCH-NOVEMBER)	113,606	86.4%
IRRIGATION DEMAND (DECEMBER-FEBRUARY)	6,900	5.2%
SPREADING (MARCH-NOVEMBER)	1,196	0.9%
SPREADING (DECEMBER-FEBRUARY)	0	0.0%
OTHER TRANSFERS & EXCHANGES	0	0.0%
CARRYOVER TO 2025	4,000	3.0%
LOSSES/METERING INACCURACIES	5,799	4.4%
TOTAL DEMAND	**131,501**	**100.0%**

EXHIBIT B-1

ARVIN-EDISON WATER STORAGE DISTRICT

2025 WATER YEAR DELIVERIES BY UNIT

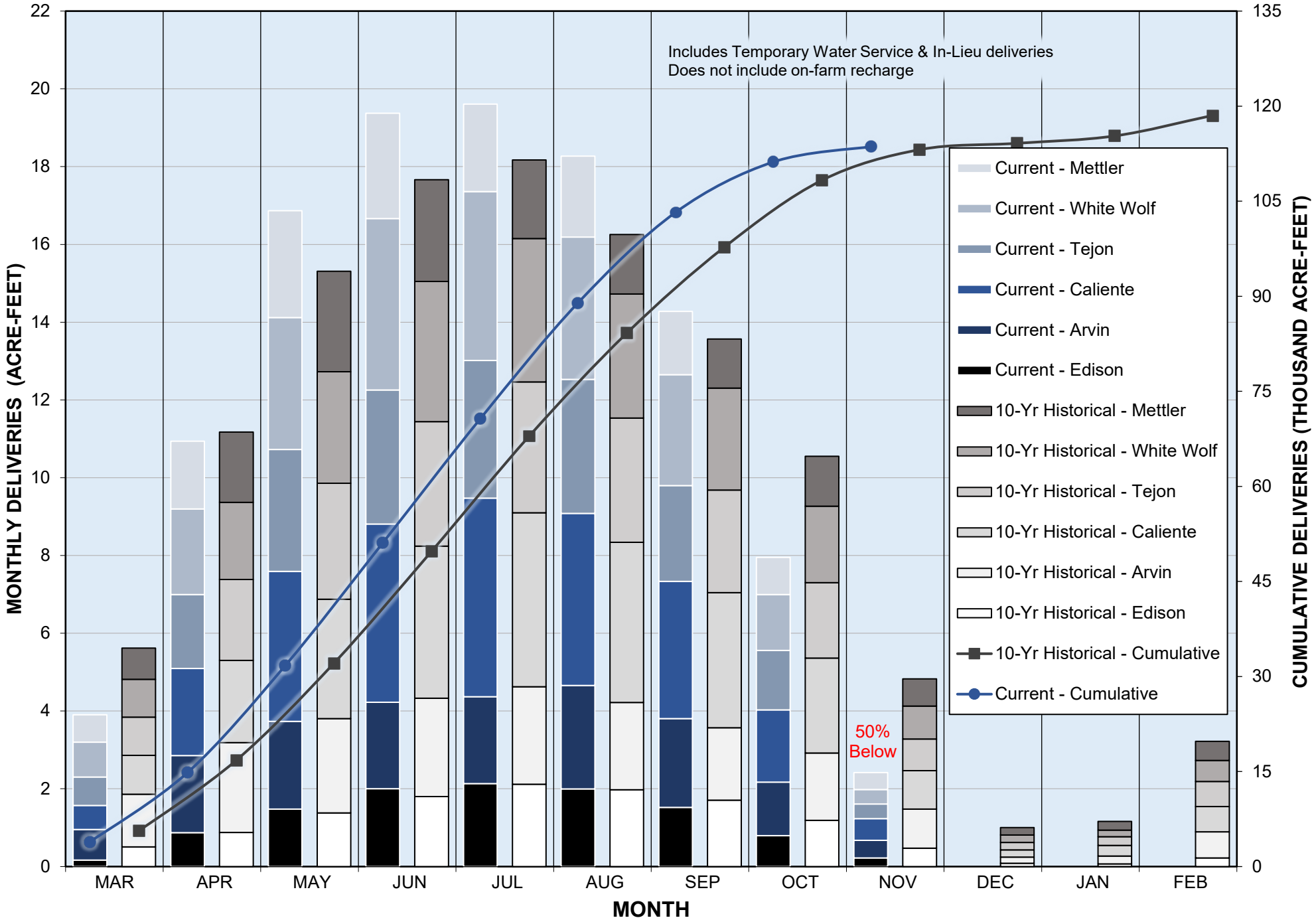


EXHIBIT B-2

ARVIN-EDISON WATER STORAGE DISTRICT

HISTORIC NOVEMBER DELIVERIES BY YEAR

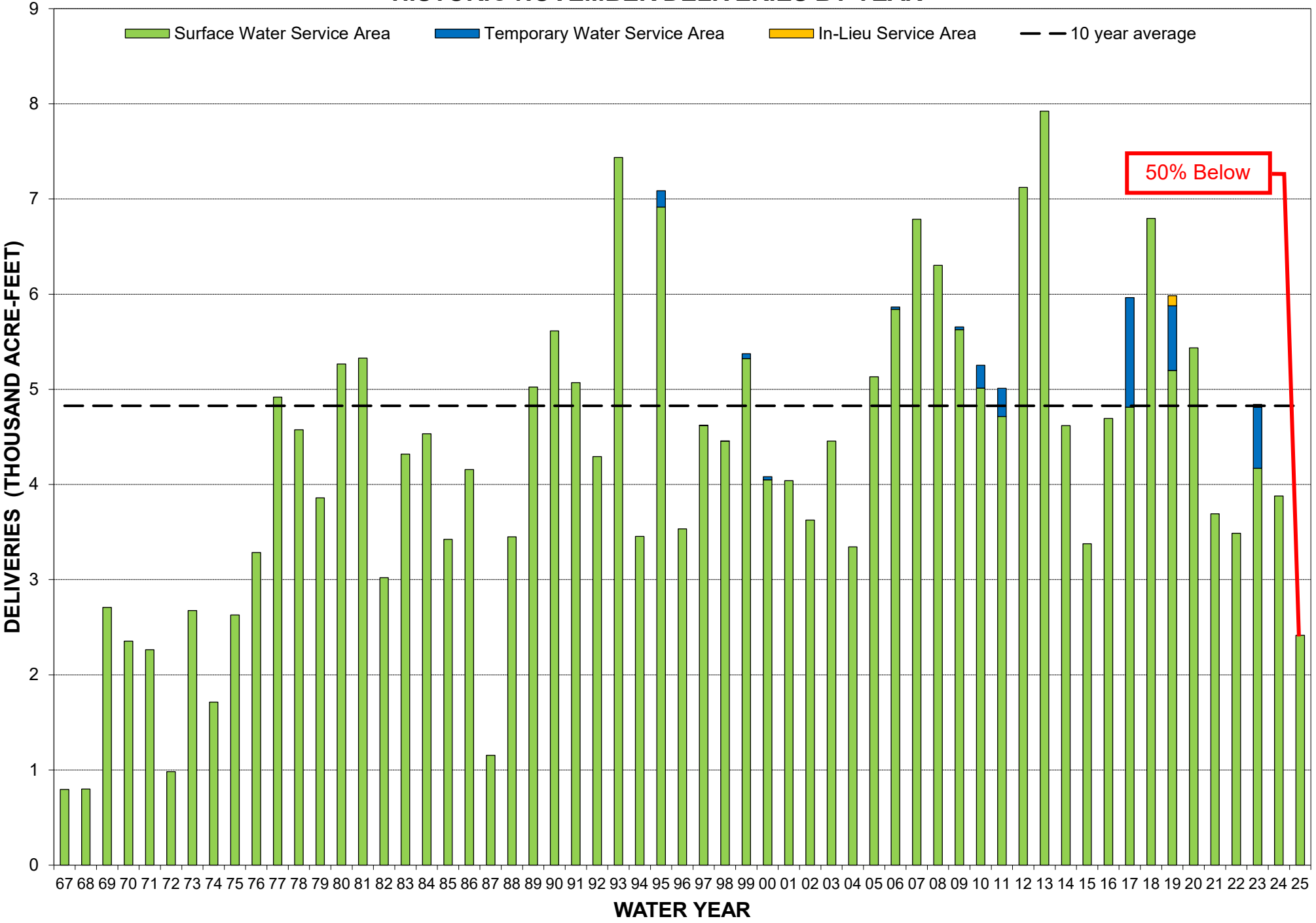


EXHIBIT B-3

ARVIN-EDISON WATER STORAGE DISTRICT

HISTORIC NOVEMBER DELIVERIES BY MAGNITUDE

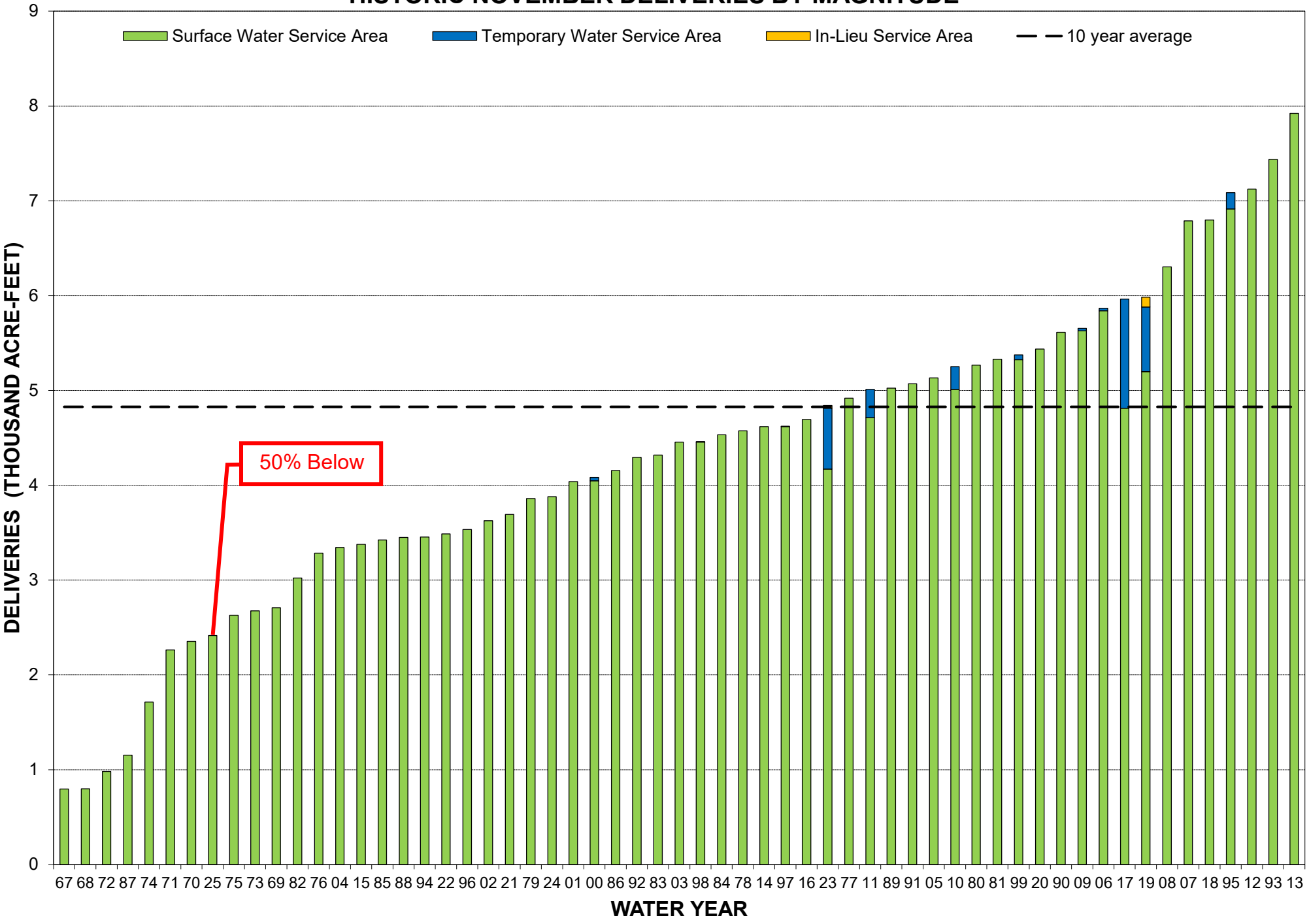


EXHIBIT "C1"

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	11/13/25	0	WELLS(100%)	14.0	0.7	4.0	0.3	22.0	0.9	58	1.0	17.0	0.5	ND	ND	130	7.9	200	51	1.0	0.1	100.00	9.1
	10/02/25	125	FKC (100%)	16.0	0.8	12.0	1.0	55.0	2.4	81	1.3	88.0	2.5	ND	ND	230	8.0	460	92	2.3	0.2	ND	2.6
	09/11/25	125	FKC (60%)/CVC (40%)	14.0	0.7	8.9	0.7	32.0	1.4	67	1.1	49.0	1.4	ND	ND	170	7.7	290	71	6.4	0.2	ND	3.4
	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	0.1	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
	Average			**15.0**	**0.7**	**8.0**	**0.7**	**31.8**	**1.4**	**66.2**	**1.1**	**40.0**	**1.1**	**2.0**	**0.0**	**175.9**	**8.0**	**296.2**	**70.6**	**4.4**	**0.1**	**122.9**	**9.4**
North Canal	11/13/25	38	WELLS(100%)	20.0	1.0	3.8	0.3	50.0	2.2	100.0	1.6	22.0	0.6	11.0	0.2	220.0	8.3	340.0	66.0	2.5	0.3	360.0	2.3
	10/02/25	80	FKC (56%)/WELLS(44%)	23.0	1.2	6.6	0.5	59.0	2.5	97.0	1.6	42.0	1.2	11.0	0.2	240.0	7.6	420.0	85.0	2.6	0.2	400.0	3.6
	09/11/25	86	FKC (34%)/CVC (23%)/WELLS(44%)	21.0	1.1	5.7	0.5	45.0	1.9	92.0	1.5	30.0	0.8	6.5	0.1	240.0	8.4	340.0	75.0	8.1	0.3	320.0	3.5
	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
	Average			**23.3**	**1.2**	**5.8**	**0.5**	**43.2**	**1.9**	**93.6**	**1.5**	**26.8**	**0.8**	**9.8**	**0.2**	**219.4**	**8.0**	**357.8**	**82.1**	**7.9**	**0.2**	**323.6**	**5.2**
South Canal	11/13/25	6	WELLS(100%)	18.0	0.9	3.6	0.3	51.0	2.2	84.0	1.4	23.0	0.6	13.0	0.2	230.0	8.8	340.0	59.0	2.5	0.3	340.0	7.3
	10/02/25	50	FKC (54%)/WELLS(46%)	27.0	1.4	7.5	0.6	50.0	2.2	93.0	1.5	36.0	1.0	6.7	0.1	220.0	8.0	390.0	97.0	2.1	0.3	290.0	2.2
	09/11/25	20	FKC (32%)/CVC (22%)/WELLS(46%)	23.0	1.2	6.6	0.5	42.0	1.8	98.0	1.6	30.0	0.8	5.9	0.1	230.0	7.6	340.0	85.0	4.4	0.3	250.0	2.4
	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
	Average			**22.2**	**1.1**	**6.1**	**0.5**	**42.0**	**1.8**	**92.2**	**1.5**	**27.6**	**0.8**	**7.9**	**0.1**	**209.4**	**8.1**	**348.8**	**80.0**	**3.9**	**0.2**	**285.0**	**5.3**

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	11/13/25	50	WELLS(50%)/AQUEDUCT(50%)	17.0	0.9	12.0	1.0	66.0	2.8	67	1.1	110.0	3.1	1.5	0.0	300	7.9	520	94	2.6	0.3	100.00	1.6
	10/02/25	35	FKC (47%)/WELLS(40%)/AQUEDUCT(13%)	18.0	0.9	9.1	0.7	47.0	2.0	67	1.1	58.0	1.6	ND	ND	210	9.1	390	83	1.9	0.2	160.00	16.0
	09/11/25	100	FKC (23%)/CVC (15%)/WELLS(32%)/AQUEDUCT(25%)/SPILLWAY(5%)	14.0	0.7	9.1	0.7	32.0	1.4	70	1.1	47.0	1.3	ND	ND	170	7.6	280	72	6.1	0.2	ND	4.0
	08/05/25	123	FKC (31%)/CVC (25%)/WELLS(28%)/AQUEDUCT(8%)/SPILLWAY (8%)	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	0.1	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 (54%)/SPILLWAY (46%)	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
	Average			**17.6**	**0.9**	**8.3**	**0.7**	**39.4**	**1.7**	**71.5**	**1.2**	**46.4**	**1.3**	**3.4**	**0.1**	**207.8**	**8.0**	**346.5**	**76.8**	**4.5**	**0.2**	**215.0**	**7.7**

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 (ppm).
me/l: MILLEQUIVALENTS PER LITER; SAME AS EQUIVALENTS PER

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											16			18				
SEPT	09/01/25	69-91										16			11				
	09/08/25									21	21	16			9				
	09/15/25											7			8				
	09/22/25											14			12				
	09/29/25									21	21	14			11				
OCT	10/06/25	55-77														14			
	10/13/25																		
	10/20/25																		
	10/27/25									9	9								
NOV	11/03/25	51-68																	
	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	$148,531	$21,571	$170,102
Spreading Basins	$0	$0	$0
Total	$148,531	$21,571	$170,102

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

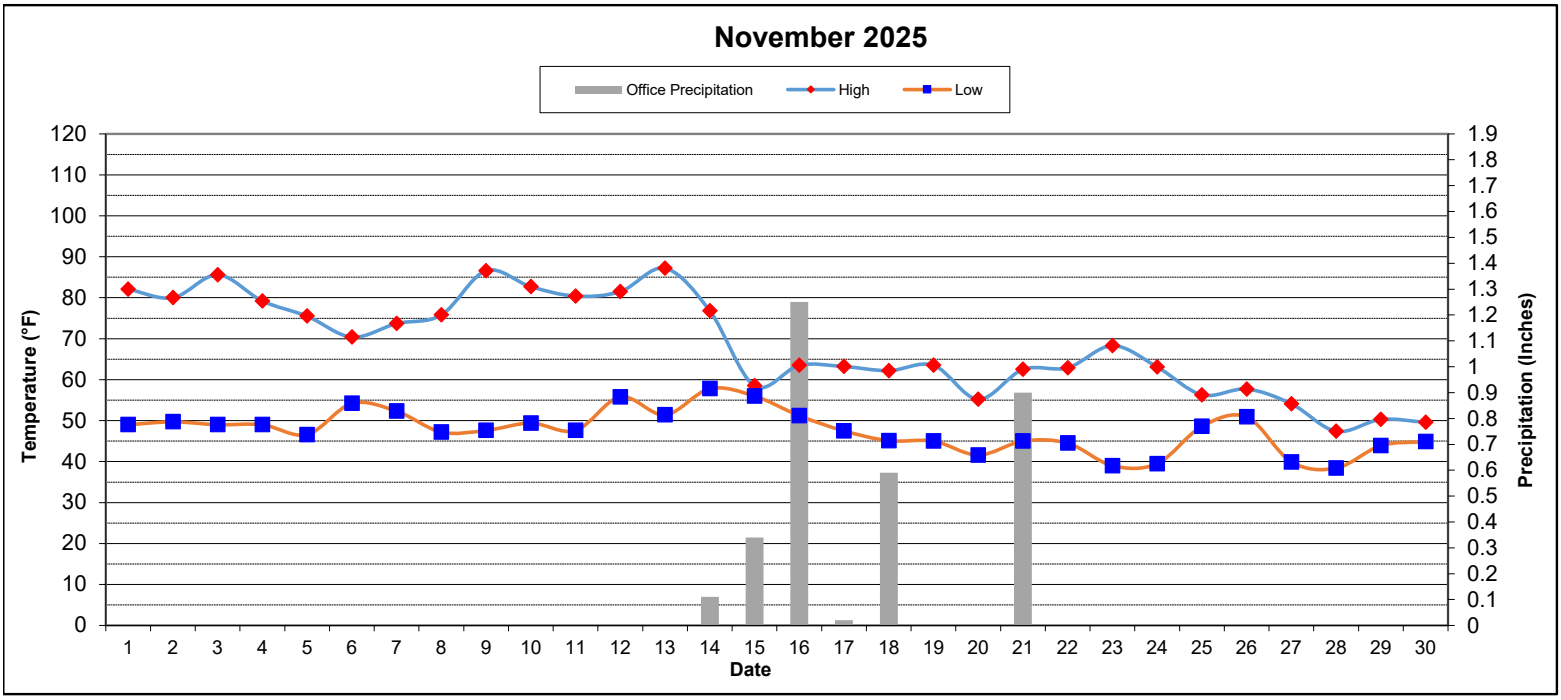
Year	2025	2024	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005
Year Type	Dry	Normal-Wet	Wet	Normal-Dry	Critical-High	Dry	Wet	Normal-Dry	Wet	Normal-Dry	Critical-Low	Critical-High	Dry	Dry	Wet	Normal-Wet	Normal-Wet	Normal-Dry	Dry	Wet	Wet
Amount	$170,102	$88,978	$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	1.02		0.89		0.89		0.82		1.05	
AVG. YEAR TO DATE	1.58		1.62		1.63		1.44		1.64	
CURRENT MONTH	3.03	297%	3.21	361%	3.08	346%	3.57	435%	3.73	355%
CUMULATIVE (07/01/25 - 06/30/26)	3.97	251%	4.38	270%	4.19	257%	4.42	307%	4.53	276%

TEMPERATURE (6)	(ºF)	DATE	TIME
MAXIMUM TEMPERATURE	87	11/13/2025	4:00 PM
AVERAGE MAXIMUM TEMPERATURE	69		
# DAYS THIS MONTH ABOVE 100 ºF	0		
MINIMUM TEMPERATURE	38	11/28/2025	4:00 AM
AVERAGE MINIMUM TEMPERATURE	48		
# DAYS THIS MONTH BELOW 32 ºF	0		

WIND (6)	M.P.H.	DATE	TIME	DRCTN
MAXIMUM WIND SPEED	10.3	11/13/2025	6:30 PM	NE
AVERAGE WIND SPEED	3.4			
AVERAGE WIND SPEED @ 8:00 AM	2.8			

BAROMETRIC PRESSURE (7)	IN. HG	DATE	TIME
AVERAGE PRESSURE @ 8:00 AM	29.53		
MAXIMUM PRESSURE	29.80	11/25/2025	9:00 AM
MINIMUM PRESSURE	29.30	11/13/2025	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	1,402,738	4,981,110	9,915	4,996,466	4,249	11,394,478	3,792	15,362	354	7,590	9	27,106	58%
OCT	436,284	2,616,418	11,431	4,073,885	3,910	7,141,928	2,644	14,019	268	7,635	8	24,574	39%
NOV	144,586	843,728	1,345	1,036,524	3,655	2,029,837	1,181	10,683	4	6,746	11	18,625	15%
DEC													
JAN 26													
FEB													
TOTAL	12,723,275	37,496,336	121,783	41,000,118	33,442	91,374,954							

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

12/4/2025

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%	638	52%	2,535	77%	2,384	36%	539	12%	6,096	203	43%
OCT	0	0%	576	46%	2,002	60%	2,018	30%	370	8%	4,966	160	34%
NOV	0	0%	170	15%	491	24%	525	10%	0	0%	1,186	40	10%
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		5,292		18,092		20,647		6,028		50,059	136	28%
Ratio	0%		11%		36%		41%		12%		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	32	0	0	0	0	0	0	0	32	0	0	32
SEP	0	75	0	0	0	0	0	0	0	75	0	0	75
OCT	0	75	0	0	0	0	0	0	0	75	0	0	75
NOV	0	0	0	0	0	0	0	0	0	0	0	0	0
DEC										0			0
JAN-26										0			0
FEB										0			0
Total	0	1,163	0	0	0	0	33	0	0	1,196	0	0	1,196
Ratio													
Ratio													

Total Pressure		1,163		0			33			1,196			1,196

EXHIBIT "H-1"

ARVIN-EDISON WATER STORAGE DISTRICT

STATIC VS PUMPING WATER LEVELS IN DISTRICT WELLS - NOV 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	468	575	610	840	107	35
	N2	446	575	700	840	129	125
	N3	384	411	610	840	28	199
	N4	444	469	550	864	25	81
	N5	456	468	650	864	12	182
	N6	445	488	640	920	43	152
	N7	443	471	600	1010	28	129
	N8	387	435	560	970	49	125
	N9	444	557	700	990	113	143
	N10	431	491	560	990	60	69
	N11	389	433	562	1020	44	129
	N12	436	466	600	1030	30	134
	N13	441	473	600	1000	32	127
	N14	441	464	540	900	23	76
	N15	377	522	700	1200	146	178
	N16	399	513	600	1200	114	87
	N17	N/A	N/A	610	1200	N/A	N/A
	N18	347	407	610	1190	60	203
	N19	448	490	760	1300	42	270
	N20	409	474	820	1020	65	346
	N21	432	522	660	950	90	138
	N22	424	448	680	990	24	232
	N23	415	435	680	990	20	245
	Avg	423	481				

	WELL #	STATIC LEVEL	PUMPING LEVEL	BOWL [1] DEPTH	TOTAL DEPTH	DRAW [2 3] DOWN	BOWL [4] COVERAGE
TEJON (28)	71	467	500	800	1050	32	300
	72	455	471	800	1045	16	329
	73	465	500	800	1018	35	300
	74	454	504	800	1084	51	296
	75	456	474	800	1045	18	326
	76	446	497	700	996	51	203
	77	451	530	800	1066	79	270
	78	451	509	800	1038	58	291
	79	418	529	700	1032	111	171
	80	435	527	800	996	92	273
	81	323	427	700	925	104	273
	82	444	495	800	996	51	305
	83	414	N/A	N/A	N/A	N/A	N/A
	84	N/A	N/A	700	955	N/A	N/A
	86	481	514	800	996	32	286
	87	477	507	800	984	30	293
	88	479	509	800	948	30	291
	89	456	490	800	996	35	310
	90	531	566	700	996	35	134
	92	504	555	800	996	51	245
	93	469	487	800	996	18	313
	94	553	652	860	996	99	208
	95	475	N/A	N/A	N/A	N/A	N/A
	96	472	615	800	996	143	185
	98	N/A	N/A	760	1340	N/A	N/A
	99	454	493	760	1340	39	267
	100	409	446	760	1340	37	314
	101	435	496	760	1310	61	264
	Avg	458	512				

OUT OF SERVICE (3)

AIRLINE FAILURE, ACCOUSTIC SOUNDER USED (15)

MONITORING WELLS (4)

UNSTABLE DATA (1)

	WELL #	STATIC LEVEL	PUMPING LEVEL	BOWL [1] DEPTH	TOTAL DEPTH	DRAW [2 3] DOWN	BOWL [4] COVERAGE
SYCAMORE (34)	1	405	442	705	800	37	263
	2	313	447	690	876	134	243
	4	432	469	700	876	37	231
	5	445	452	720	876	7	268
	6	374	429	690	876	55	261
	7	416	464	700	830	49	236
	8	421	N/A	N/A	N/A	N/A	N/A
	9	437	483	700	886	46	217
	10	410	424	690	850	14	266
	11	411	453	700	880	42	247
	12	432	471	700	860	39	229
	13	N/A	N/A	700	850	N/A	N/A
	14	360	407	670	810	46	263
	15	430	521	710	820	90	189
	16	434	515	700	888	81	185
	17	387	590	650	820	203	60
	18	403	426	650	820	23	224
	20	394	431	680	804	37	249
	21	392	450	690	856	58	240
	22	393	421	610	792	28	189
	23	385	411	600	788	25	189
	24	393	425	580	780	32	155
	25	393	418	610	777	25	192
	26	383	443	690	816	60	247
	28	364	424	660	782	60	236
	29	404	445	690	787	42	245
	31	413	473	660	725	60	187
	32	N/A	N/A	640	739	N/A	N/A
	33	423	536	700	780	113	164
	34	421	N/A	N/A	N/A	N/A	N/A
	35	418	499	700	800	81	201
	36	414	451	600	820	37	149
	37	407	439	540	820	32	101
	38	425	481	860	1270	56	383
	Avg	403	458				

MONTHLY SUMMARY - AVERAGE WATER LEVELS

READINGS	STATIC LEVELS			PUMPING LEVELS		
END OF	N. CANAL	SYCAMORE	TEJON	N. CANAL	SYCAMORE	TEJON
NOV-24	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	425	392	452	484	449	507
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	436	423	487	496	478	541
SEP	436	421	483	494	477	537
OCT	429	413	469	487	468	524
NOV-25	423	403	458	481	458	512
12 MONTH CHANGE	+03	-11	-05	-02	-18	00

[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.

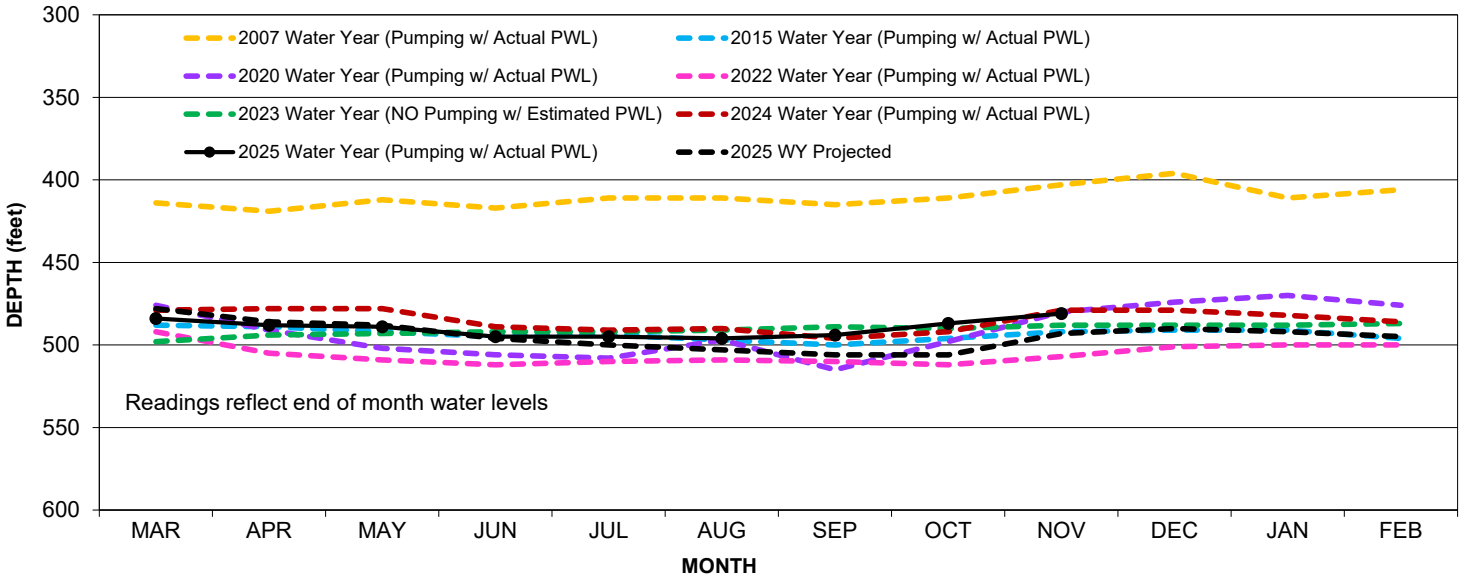
[4] Red numbers indicate bowl coverage that is below 50.

EXHIBIT "H-2"

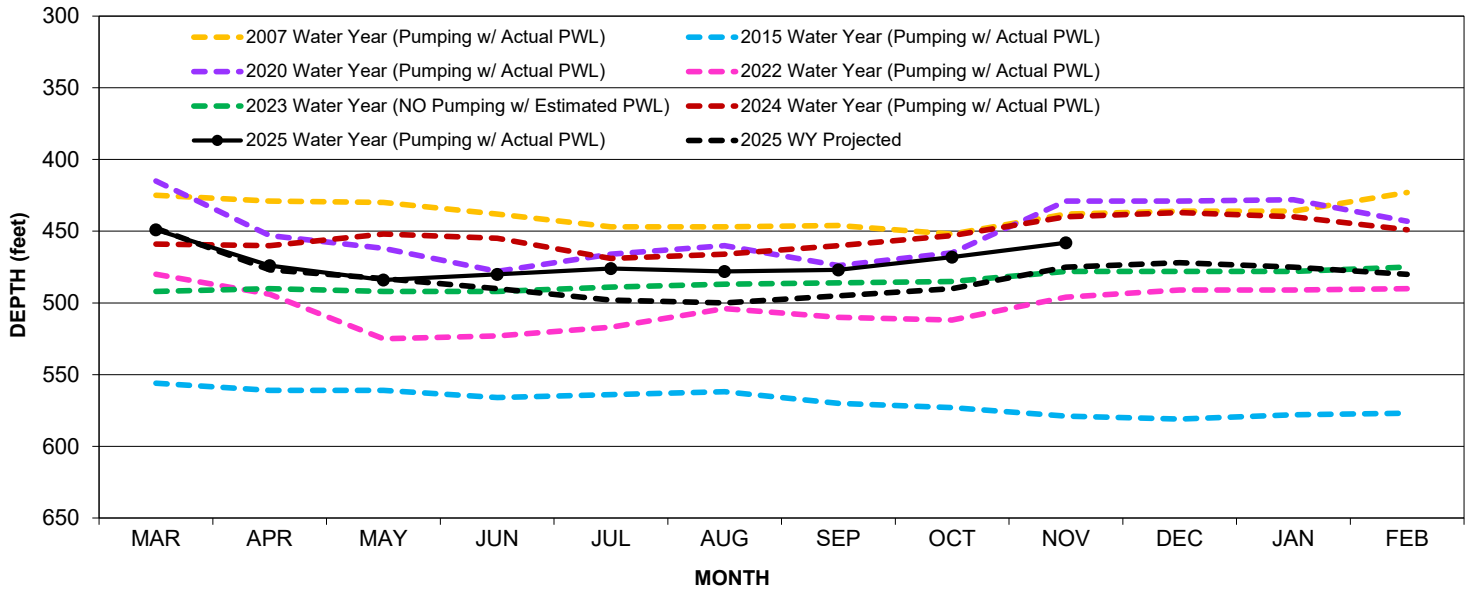
ARVIN-EDISON WATER STORAGE DISTRICT

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

NORTH CANAL



SYCAMORE WELLFIELD



TEJON WELLFIELD