Agenda Item 12.a)

ARVIN-EDISON WATER STORAGE DISTRICT

REPORT OF DISTRICT OPERATIONS

September 2025

Progress of Construction of North Canal Spreading Works Expansion Project

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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. 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.

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.
- 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 14,278 AF.

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

Water Type	Month of September		Water Year to Date	
	10 Yr. Avg.	2025	10 Yr. Avg.	2025
SWSA	13,569	14,278	97,754	103,239
In-Lieu		0		0
Temporary		0		0
Spreading*	n/a	75	n/a	1,089
	Total	14,353	Total	104,328

*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 425 cfs, which occurred on the 17th.
- Exhibit "C-1” details Canal Water Quality information.
- Exhibit “C-2” presents the Aquatic Pest Control Treatments ($154,296 for Calendar Year 2025).

GENERAL

- District vehicles consumed an estimated 3,731 gallons of fuel during the month (average fuel efficiency of 15.76 mpg).
- There were 358 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 October 2025*		*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

	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	NCSW Expansion – FDRE - 2nd Contract	White Wolf Subbasin 850 Canal Intertie	White Wolf Temp Water Program
Construction Start Date	October 2024	November 2024	March 2025	March 2025	July 2025	November 2025	July 2025	October 2025
Punch List	May 2025	May 2025	October 2025	September 2025	November 2025	February 2026	November 2025	December 2025
Final Project Close-Out	September 2025	September 2025	November 2025	November 2025	November 2025	February 2026	December 2025	December 2025
Current Construction Contract Costs	$2,394,488	$1,147,640	$2,144,560	$521,950	$759,950	$742,953.77	$645,099	$772,600
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	$1,345,000 ($212,000 is allocated to WRMWSD)
Notes		**Grant Funding needs to be spent by March 31, 2026*	**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 December 31, 2025. No Cost Time Extension submitted August 2025 to extend construction to end March 2026*

Began Construction of the 850 Canal Intertie Project

Progress of Well N26 Project Construction

AEWSD Upcoming Construction Projects

	Frick Unit Phase 2 – Main Line	Frick Unit Phase 3 - Laterals
Bid Advertisement	October 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.
- 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

October 02, 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 We plan to brush the well and revideo. Then patch if necessary. o WRS is scheduled to start work on Wednesday next week.

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

- Ordered two spare radios for District vehicles.
- Replaced Truck 626 radio.
- Replaced locks and chains along the Intake Canal and at the Wasteway Basin.
- Replaced butterfly valve and air vent at Turnout E-16.
- Replaced batteries in meters at Turnouts C-26, C-33, C-50 and E-C.
- Replaced meter at Turnout M-40.
- Isolated line N1-3 to repair leaking air vent.
- Isolated, drained, and primed line N1-4 after blowout repairs.
- Sent broken meters to supplier for repair.
- Worked with manufacturer regarding meters.
- Flushed and cleared several air vessel air vents.

Replaced a Butterfly Valve and Air Vent at Turnout E-16

Underground Service Alert (USA) Report

- District initiated 1.
- Responded to 116 USA notices to locate District underground facilities.
  - 16 required markings of District facilities.
  - 41 were renewals.
  - 58 with no conflicts.

Power Outages and/or Interruptions Involving the Following Systems

- 1 outage for the month.

Power Interruptions												
FFPP		**BR**		**S32**	1	**S68**		**S88**		**OFFICE**		**SYC**	
N1		**N41**		**S38**	1	**S73**	1	**S93**	1	**INTERTIE**		**TEJON**	
N8		**N55**		**S64**	2	**S78**		**EOC**		**NC**		**CVC**	

Lateral Prorates

-

Prorated Laterals (days)											
N1	0	**N8**	0	**N24**	0	**N41**	0	**N55**			11
S32	0	**S38**	20	**S64**	1	**S73**	10	**S88**	0	**S93**	0

Facility Improvements (Repairs-R or New-N)

Meters-N		Meters-R	
M-40		T-89	C-50
		C-33	E-C
		C-26	

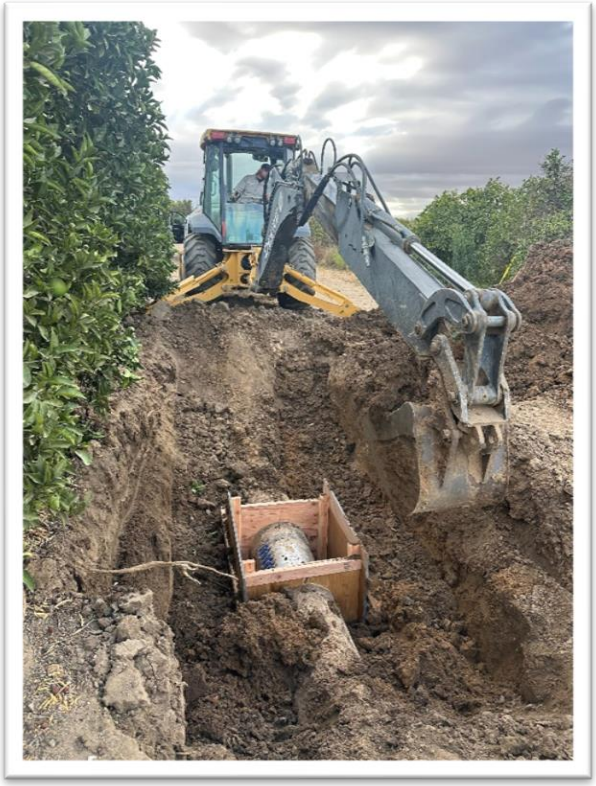
MAINTENANCE DEPARTMENT ACTIVITIES

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 Monitor St.
- Continued fence repairs along the Intake Canal.
- Began clearing overgrowth of trees on Intake Canal.
- Repaired pipeline in two locations near Pump Plant N1-P8.
- Potholed pipeline near Pump Plant N1-P8 to analyze the integrity of the existing line.
- Began mowing at North Canal Spreading Works basins.
- Bladed and graded at Tejon Spreading Works basins.
- Completed painting at Pump Plants S38-P1 and S38-P2.
- Bladed and removed trash from Wasteway Basin.
- Replaced Turnout T-83 valve.



Repaired Pipeline Near Pump Plant N1-P8 Due to Leaks

Replaced a Valve at Turnout T-83

Mechanic's Shop Repair Activities

- Performed weekly inspection on the Fuel Tank and Gas Pump.
- Installed new break away pin on Schulte mower.
- Repaired hydraulic leak on Big Tex trailer.
- Installed new bearings on Disc.
- Installed new spool on Krause Disc.

Part	Repair/Replaced	Part	Repair/Replaced
Routine Service	9	A/C Service/Heater	3
Brakes	3	Belts	0
Tires	6	Headlights/Taillights	2/3
Tire Repairs	6	Shocks	0
Rotors/Drums /Wheel Bearings	0/0	Wiper Blades/Engine Washes	10/3
Batteries	2	Cabin Filter	4
Fuel Filters	3	Trailer Lights/Spotlights	1/1
Tune-ups	1	Cleaned Throttle Body	3
Clean TPS Sensor	3	Misc	6

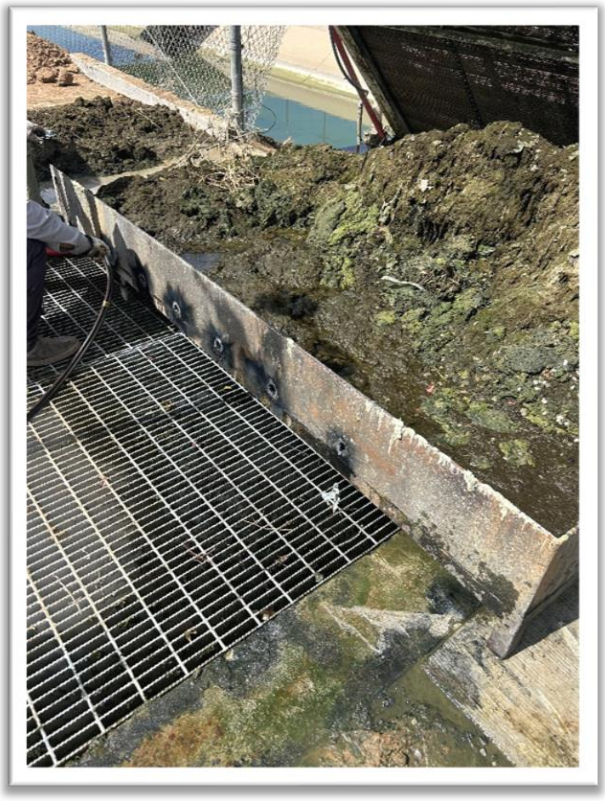
PUMP DEPARTMENT ACTIVITIES

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

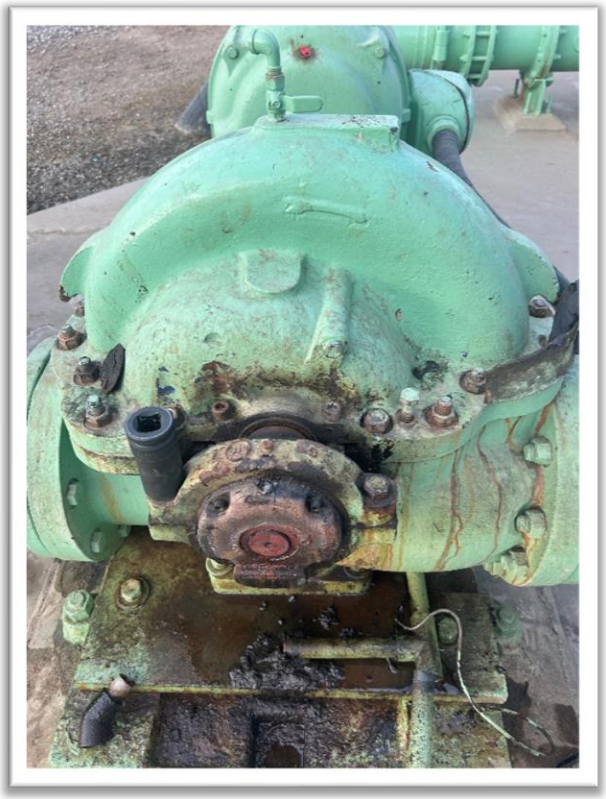
- Stenciled numbers on the forebays at Forrest Frick Pumping Plant.
- Cleaned out the Yardney filters numerous times due to excessive moss at the Canal Side Pump Plants Moss Screen sprayer pumps.
- Conducted preventive maintenance on servicing valve operators in the north side of the District.



Cleaned out Excessive Moss at the Canal Side Pump Plants

- Added pump oil and replaced damaged site tubes in the well field.
- Repaired the leaking oil dripper at well N-22 and N-19.
- Replaced the damaged pvc line for the sump pump at Pump Plant N55-P11.
- Replaced the site tube for the oil drippers at well S-25.
- Reset the pump lateral to help increase the pump flow at Pump Plant N24-P1 unit #2.
- Installed an aluminum plate to divert the water from the moss sprayers at Pump Plant S38-P1.
- Repaired the 2” pvc line for the sump pump at Pump Plant S38-P2.
- Replaced a broken roll pin on a 16” check valve at Pump Plant S64-P2 unit #1.
- Replaced the O-rings on a 16” check valve at Pump Plant S64-P3 unit #3.
- Repaired the gearbox at Check Gate #2 at Checkgate 615.
- Removed the trash racks from the canal side pump plants and transported them back to Headquarters.
- Replaced the O-rings on a 16” check valve at Pump Plant S93-P3.

Replaced Gearbox at Check Gate 615 After Failure



Replaced Rotating Element and Outside Bearing at Pump Plant N1-P2 Unit #6

PUMP & MOTOR REPAIR SUMMARY

	Pumping Plant/Wells	Unit	Size	Time/Hours	Reason
Vertical Pumps					
Vertical Motors					
Horizontal Pumps	N1-P2	6	5 CFS	1056.2	Bad Bearings
Horizontal Motors	N55-P7	2	50 HP	16577.0	Bad Rotor

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 – N55-P8 unit #2 – replaced H-O-A normally open contact blocks		N – 615 Checkgate – replaced ups battery backup			
		N – N8-P3 compressor #2 – replaced H-O-A normally open contact blocks					

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 – NCBR – installed new LED flood light.	N – N55-P7 compressor #1 – replaced starter contactor				N – NCBR – pull new underground shielded cable for the canal and low pond radar water level sensor
			N – S93-P3 unit #2 – replaced burnt starter contactor lugs				

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**
			R – Sycamore Well #23 – reset tripped circuit breaker				

Additional Activities

- Removed old internet equipment and internet service at Forrest Frick Pumping Plant.
- Oversaw contractor work order at Sunset Well due to vandalism. Cleaned up vandalized panel and equipment. Disconnected quad from 12kv pole mount 100kva transformer roll up quad.

FORREST FRICK PUMPING PLANT

- 6,558 AF of water was pumped during the month.

HOWARD FRICK PUMPING PLANT (AQUEDUCT INTERTIE)

- 2,027AF 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

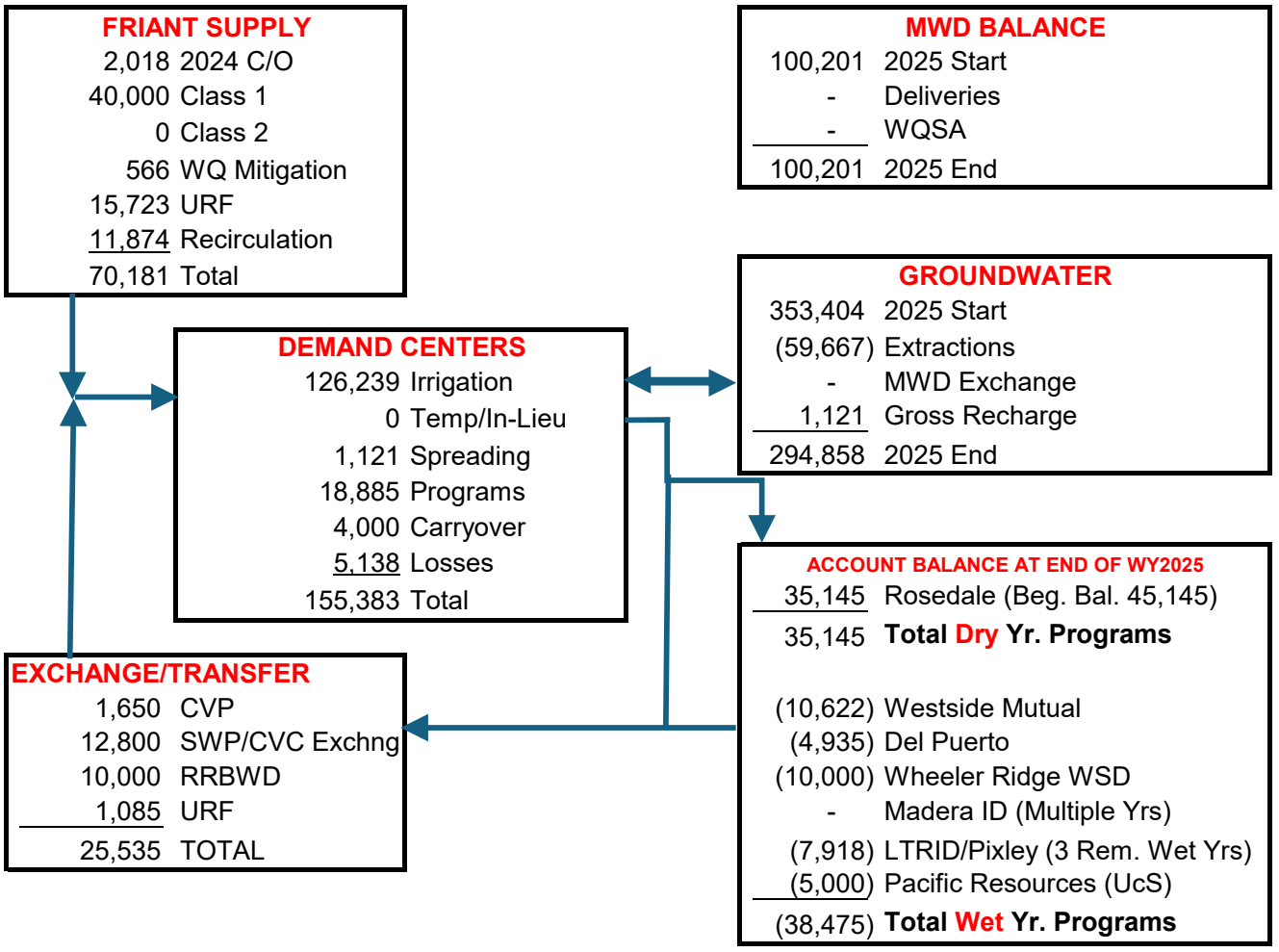
SUPPLY		***AF***	***%***
FRIANT-KERN (F-K)			
40,000 AF CLASS 1 (100%)		40,000	
URF TIER 1 BLOCK A (0.2% CLASS 2)		554	
URF TIER 1 BLOCK B (0.5% CLASS 2)		1,642	
URF TIER 2 BLOCK AA (0.9% CLASS 2)		2,669	
URF TIER 2 BLOCK BB (1.0% CLASS 2)		3,224	
URF TIER 2 BLOCK CC (0.7% CLASS 2)		2,113	
PRIORITY URF (1.8% CLASS 2)		5,521	
WATER QUALITY MITIGATION (KERN TULARE)		566	
CARRYOVER OF 2024 WATER		2,018	
	SUBTOTAL	58,307	
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	44,087	32.4%
CROSS VALLEY CANAL (CVC)			
ROSEDALE WSD		10,000	
SJRPP RECAPTURE RECIRCULATION		9,443	
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		-226	
	TOTAL CVC	22,518	16.5%
INTERTIE PIPELINE (IPL)			
WHEELER RIDGE WSD		10,000	
	TOTAL IPL	10,000	7.3%
TOTAL IMPORT		**76,605**	**56.2%**
GROUNDWATER PUMPING			
IRRIGATION DEMAND		59,667	
	TOTAL PUMPING	59,667	43.8%
TOTAL WATER SUPPLY		**136,272**	**100.0%**

DEMAND		
IRRIGATION DEMAND (MARCH-SEPTEMBER)	103,239	75.8%
IRRIGATION DEMAND (OCTOBER-FEBRUARY)	23,000	16.9%
SPREADING (MARCH-SEPTEMBER)	1,121	0.8%
SPREADING (OCTOBER - FEBRUARY)	0	0.0%
OTHER TRANSFERS & EXCHANGES	0	0.0%
CARRYOVER TO 2025	4,000	2.9%
LOSSES/METERING INACCURACIES	4,912	3.6%
TOTAL DEMAND	**136,272**	**100.0%**

Exhibit "A-2"

ARVIN-EDISON WATER STORAGE DISTRICT

2025 WATER MANAGEMENT



Surface Water	66,572	53%
Groundwater (37% of Max)	59,667	47%
Projected Irrigation Demand	126,239	100%

EXHIBIT B-1

ARVIN-EDISON WATER STORAGE DISTRICT

2025 WATER YEAR DELIVERIES BY UNIT

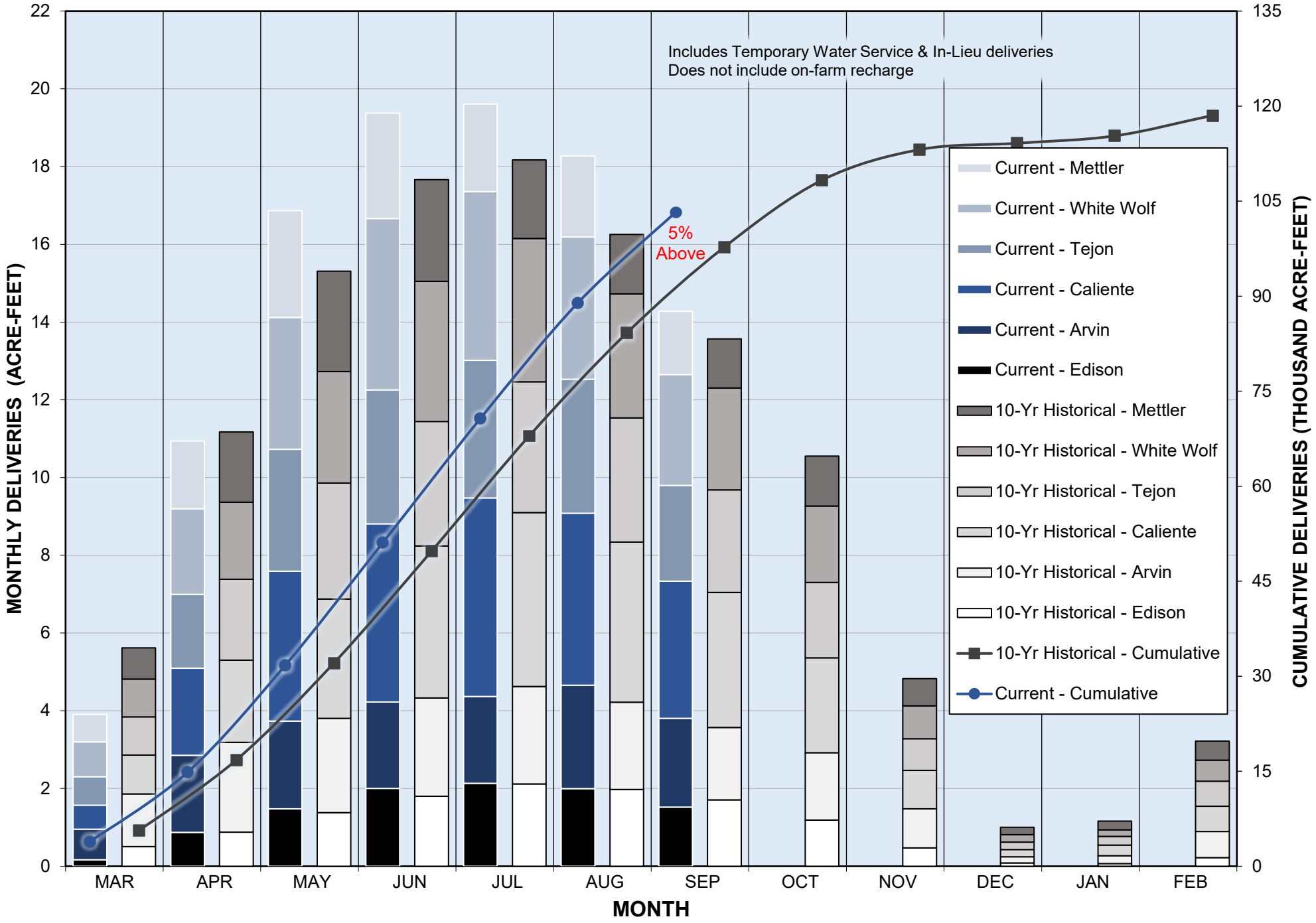


EXHIBIT B-2

ARVIN-EDISON WATER STORAGE DISTRICT

HISTORIC SEPTEMBER DELIVERIES BY YEAR

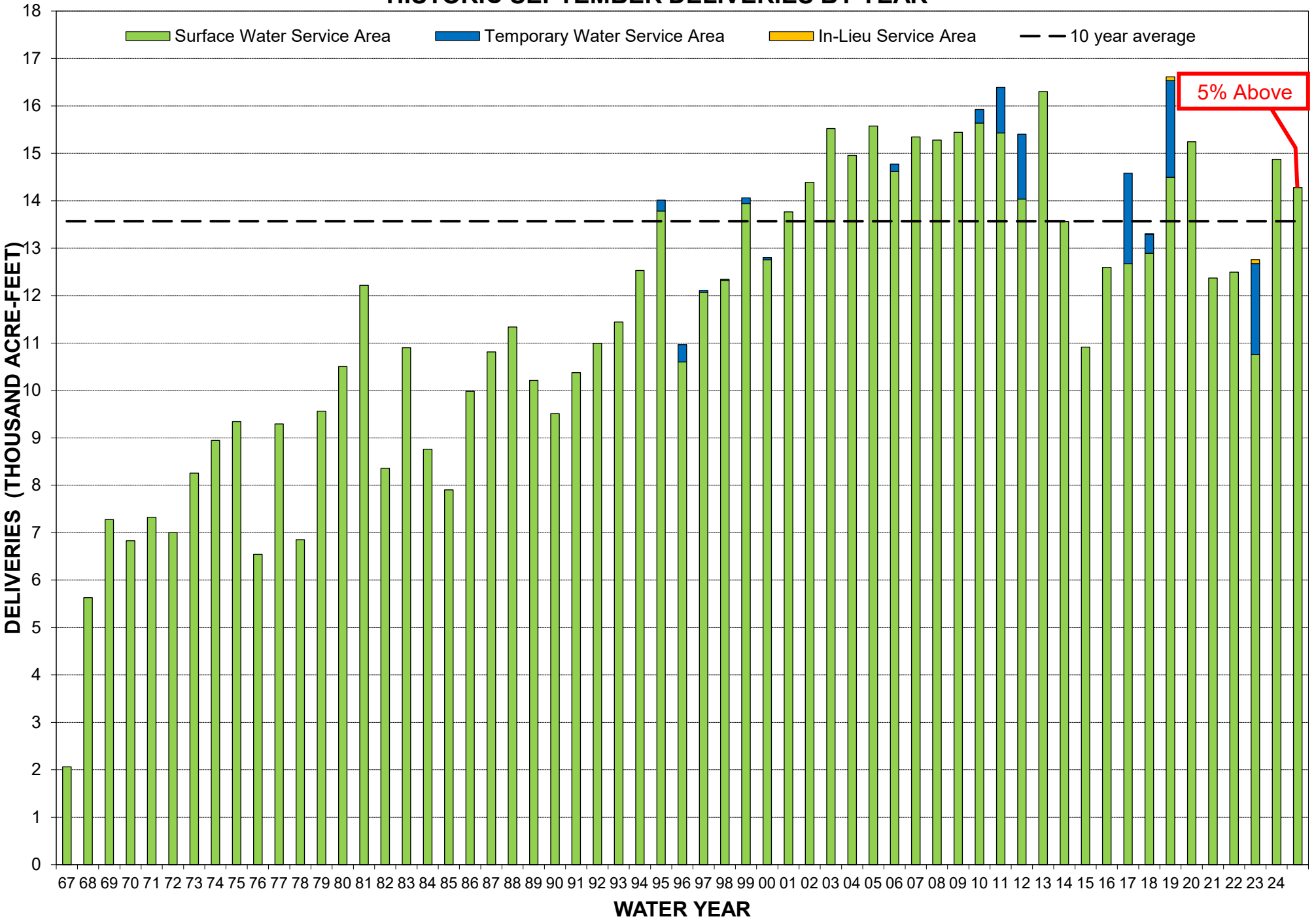


EXHIBIT B-3

ARVIN-EDISON WATER STORAGE DISTRICT

HISTORIC SEPTEMBER DELIVERIES BY MAGNITUDE

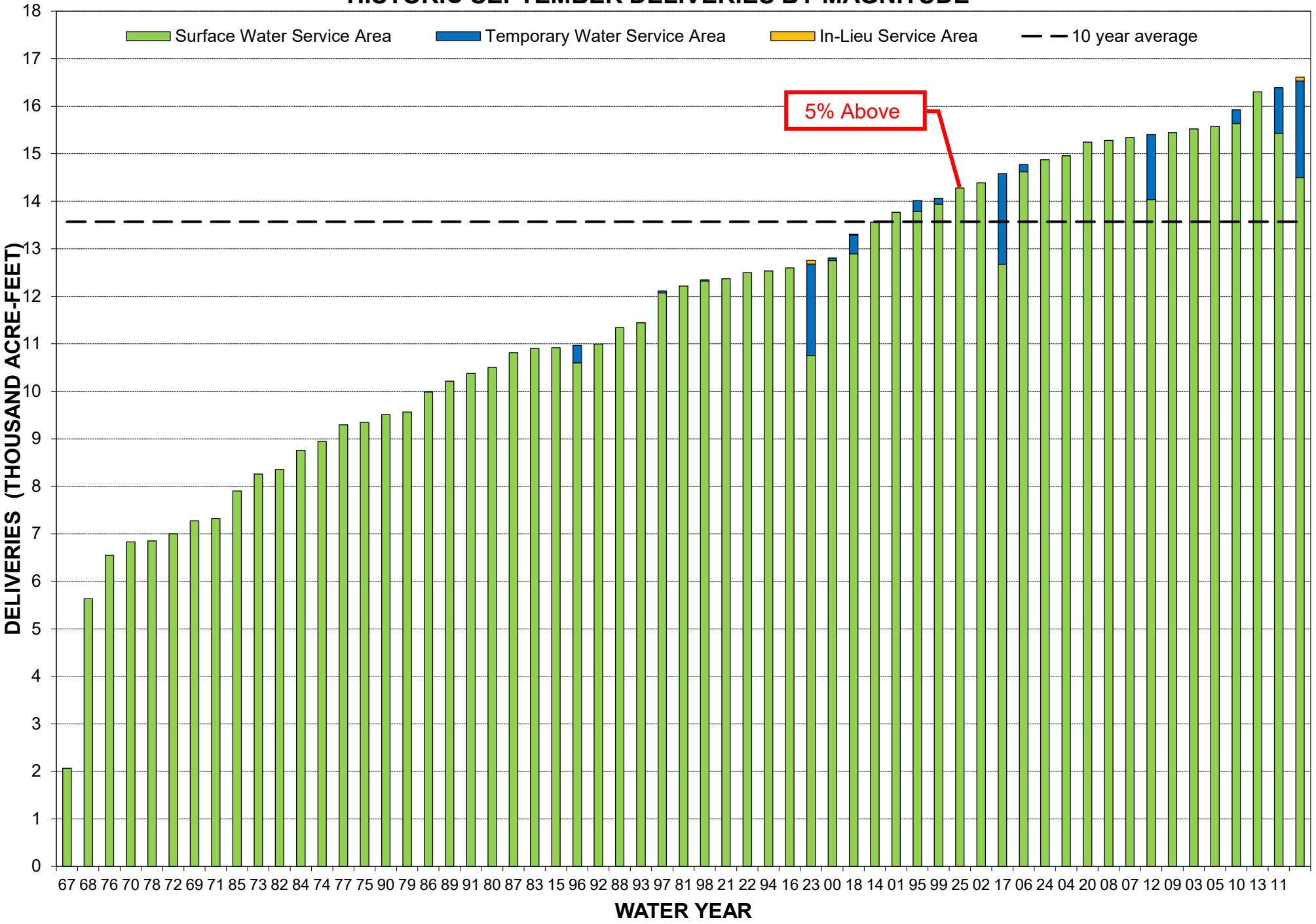


EXHIBIT "C1"

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	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
	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
	Average			**14.4**	**0.7**	**7.8**	**0.6**	**29.1**	**1.3**	**64.5**	**1.1**	**35.8**	**1.0**	**2.0**	**0.0**	**168.2**	**8.1**	**277.8**	**68.2**	**5.0**	**0.1**	**126.7**	**9.3**
North Canal	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
	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
	Average			**22.9**	**1.1**	**5.7**	**0.5**	**39.8**	**1.7**	**91.2**	**1.5**	**25.0**	**0.7**	**9.0**	**0.1**	**211.7**	**8.0**	**342.4**	**80.4**	**8.6**	**0.2**	**291.8**	**5.6**
South Canal	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
	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
	Average			**21.6**	**1.1**	**6.2**	**0.5**	**39.8**	**1.7**	**90.2**	**1.5**	**27.0**	**0.8**	**7.0**	**0.1**	**204.8**	**8.1**	**341.2**	**79.3**	**4.5**	**0.2**	**269.2**	**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	09/11/25	100	FKC (23%)/CVC (15%)/WELLS(32%)/AQUEDUCT(30%)	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(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	0.1	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 (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
	Average			**17.7**	**0.9**	**7.8**	**0.6**	**35.4**	**1.5**	**72.5**	**1.2**	**38.2**	**1.1**	**3.9**	**0.1**	**196.2**	**8.0**	**321.8**	**74.4**	**4.9**	**0.2**	**240.0**	**7.2**

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
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	
	04/21/25	
	04/28/25	
MAY	05/05/25	60-87
	05/12/25	
	05/19/25	
	05/26/25	
JUN	06/02/25	58-102
	06/09/25	
	06/16/25	
	06/23/25	
	06/30/25	
JUL	07/07/25	69-97
	07/14/25	
	07/21/25	
	07/28/25	
AUG	08/04/25	73-98
	08/11/25	
	08/18/25	
	08/25/25	
SEPT	09/01/25	69-91
	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	

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
					5		50	50								
					5		40	40								
							47	47								
							45	45		29			17			
										31			11			
							42	42		9			8			
									18			11				
									20				10			
							34	34		10			16			
									25			20				
									16			10				
							36	36	18			13				
									16			18				
									16			11				
							21	21	16			9				
									7			8				
									14			12				

2025 Cost To Date

Treatment	Material	Labor	Total
Captain/Nautique	$0	$0	$0
Phycomycin	$0	$0	$0
Cascade	$0	$0	$0
Teton/Hydrothol	$135,833	$18,463	$154,296
Spreading Basins	$0	$0	$0
Total	$135,833	$18,463	$154,296

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

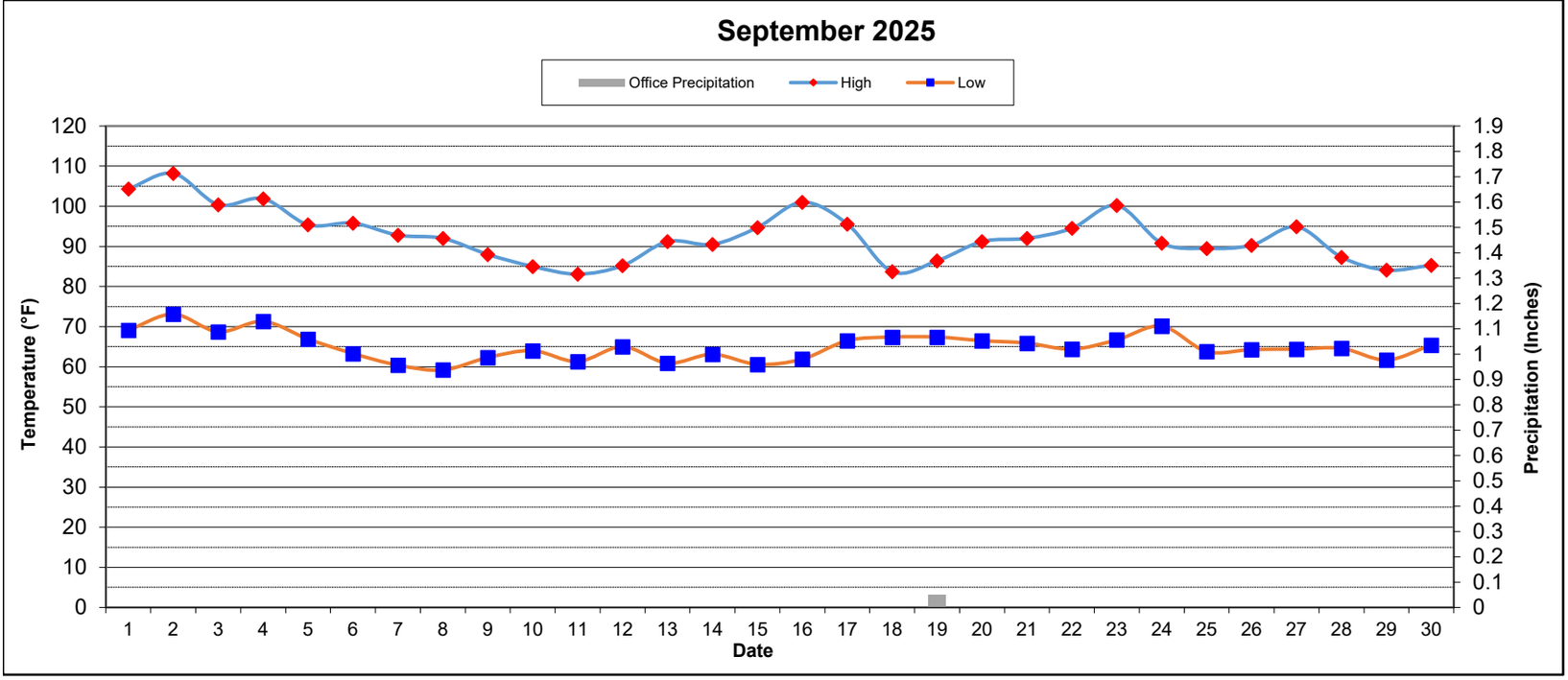
Year	2025	2024	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005
Year Type	Dry	Normal-Wet	Wet	Normal-Dry	Critical-High	Dry	Wet	Normal-Dry	Wet	Normal-Dry	Critical-Low	Critical-High	Dry	Dry	Wet	Normal-Wet	Normal-Wet	Normal-Dry	Dry	Wet	Wet
Amount	$154,296	$88,978	$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	0.03		0.16		0.14		0.14		0.04	
AVG. YEAR TO DATE	0.22		0.28		0.24		0.22		0.28	
CURRENT MONTH	0.11	367%	0.05	31%	0.05	36%	0.00	0%	0.06	150%
CUMULATIVE (07/01/25 - 06/30/26)	0.11	50%	0.05	18%	0.05	21%	0.00	0%	0.06	21%

TEMPERATURE (6)	(ºF)	DATE	TIME
MAXIMUM TEMPERATURE	108	9/2/2025	4:00 PM
AVERAGE MAXIMUM TEMPERATURE	93		
# DAYS THIS MONTH ABOVE 100 ºF	6		
MINIMUM TEMPERATURE	60	9/8/2025	4:00 AM
AVERAGE MINIMUM TEMPERATURE	65		
# DAYS THIS MONTH BELOW 32 ºF	0		

WIND (6)	M.P.H.	DATE	TIME	DRCTN
MAXIMUM WIND SPEED	8.6	9/2/2025	6:30 PM	NE
AVERAGE WIND SPEED	4.0			
AVERAGE WIND SPEED @ 8:00 AM	5.0			

BAROMETRIC PRESSURE (7)	IN. HG	DATE	TIME
AVERAGE PRESSURE @ 8:00 AM	29.37		
MAXIMUM PRESSURE	29.60	9/7/2025	9:00 AM
MINIMUM PRESSURE	29.20	9/4/2025	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													
NOV													
DEC													
JAN 26													
FEB													
TOTAL	12,142,405	34,036,190	109,008	35,889,709	25,877	82,203,190							

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

10/3/2025

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%	638	52%	2,535	77%	2,384	36%	539	12%	6,096	203	43%
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		4,546		15,599		18,104		5,658		43,907	119	24%
Ratio	0%		10%		36%		41%		13%		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	75	0	0	0	0	0	0	0	75	0	0	75
OCT										0			0
NOV										0			0
DEC										0			0
JAN-26										0			0
FEB										0			0
Total	0	1,056	0	0	0	0	33	0	0	1,089	0	0	1,089
Ratio													
Ratio													

Total Pressure		1,056		0			33			1,089			1,089

EXHIBIT "H-1"

ARVIN-EDISON WATER STORAGE DISTRICT

STATIC VS PUMPING WATER LEVELS IN DISTRICT WELLS - SEP 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	472	579	610	840	107	31
	N2	448	578	700	840	129	122
	N3	386	414	610	840	28	196
	N4	444	469	550	864	25	81
	N5	458	470	650	864	12	180
	N6	457	500	640	920	43	140
	N7	471	494	600	1010	23	106
	N8	417	461	560	970	44	99
	N9	448	554	700	990	106	146
	N10	446	502	560	990	56	58
	N11	416	463	562	1020	46	99
	N12	464	494	600	1030	30	106
	N13	468	498	600	1000	30	102
	N14	445	468	540	900	23	72
	N15	384	529	700	1200	146	171
	N16	405	519	600	1200	114	81
	N17	N/A	N/A	610	1200	N/A	N/A
	N18	352	412	610	1190	60	198
	N19	474	520	760	1300	46	240
	N20	420	485	820	1020	65	335
	N21	448	538	660	950	90	122
	N22	444	469	680	990	25	211
	N23	435	457	680	990	22	223
	Avg	436	494				

	WELL #	STATIC LEVEL	PUMPING LEVEL	BOWL [1] DEPTH	TOTAL DEPTH	DRAW [2 3] DOWN	BOWL [4] COVERAGE
TEJON (28)	71	495	527	800	1050	32	273
	72	483	499	800	1045	16	301
	73	486	520	800	1018	35	280
	74	479	530	800	1084	51	270
	75	486	504	800	1045	18	296
	76	474	524	700	996	51	176
	77	470	548	800	1066	79	252
	78	470	527	800	1038	58	273
	79	453	564	700	1032	111	136
	80	463	555	800	996	92	245
	81	351	455	700	925	104	245
	82	467	518	800	996	51	282
	83	437	N/A	N/A	N/A	N/A	N/A
	84	N/A	N/A	700	955	N/A	N/A
	86	507	539	800	996	32	261
	87	502	532	800	984	30	268
	88	504	534	800	948	30	266
	89	481	516	800	996	35	284
	90	559	594	700	996	35	106
	92	520	571	800	996	51	229
	93	497	515	800	996	18	285
	94	576	675	860	996	99	185
	95	477	N/A	N/A	N/A	N/A	N/A
	96	490	634	800	996	143	166
	98	N/A	N/A	760	1340	N/A	N/A
	99	482	521	760	1340	39	239
	100	439	476	760	1340	37	284
	101	458	519	760	1310	61	241
	Avg	483	537				

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	430	467	705	800	37	238
	2	325	459	690	876	134	231
	4	451	487	700	876	37	213
	5	466	473	720	876	7	247
	6	399	454	690	876	55	236
	7	439	487	700	830	49	213
	8	438	N/A	N/A	N/A	N/A	N/A
	9	453	499	700	886	46	201
	10	431	445	690	850	14	245
	11	434	476	700	880	42	224
	12	453	492	700	860	39	208
	13	N/A	N/A	700	850	N/A	N/A
	14	384	430	670	810	46	240
	15	442	532	710	820	90	178
	16	444	538	700	888	95	162
	17	396	599	650	820	203	51
	18	414	438	650	820	23	212
	20	414	451	680	804	37	229
	21	415	473	690	856	58	217
	22	411	439	610	792	28	171
	23	404	431	600	788	28	169
	24	416	448	580	780	32	132
	25	411	437	610	777	25	173
	26	408	468	690	816	60	222
	28	385	445	660	782	60	215
	29	420	466	690	787	46	224
	31	424	484	660	725	60	176
	32	N/A	N/A	640	739	N/A	N/A
	33	446	559	700	780	113	141
	34	429	N/A	N/A	N/A	N/A	N/A
	35	451	536	700	800	85	164
	36	423	460	600	820	37	140
	37	422	454	540	820	32	86
	38	431	487	860	1270	56	383
	Avg	421	477				

MONTHLY SUMMARY - AVERAGE WATER LEVELS

READINGS	STATIC LEVELS			PUMPING LEVELS		
END OF	N. CANAL	SYCAMORE	TEJON	N. CANAL	SYCAMORE	TEJON
SEP-24	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	436	423	487	496	478	541
SEP-25	436	421	483	494	477	537
12 MONTH CHANGE	+07	-12	-13	+02	-17	-09

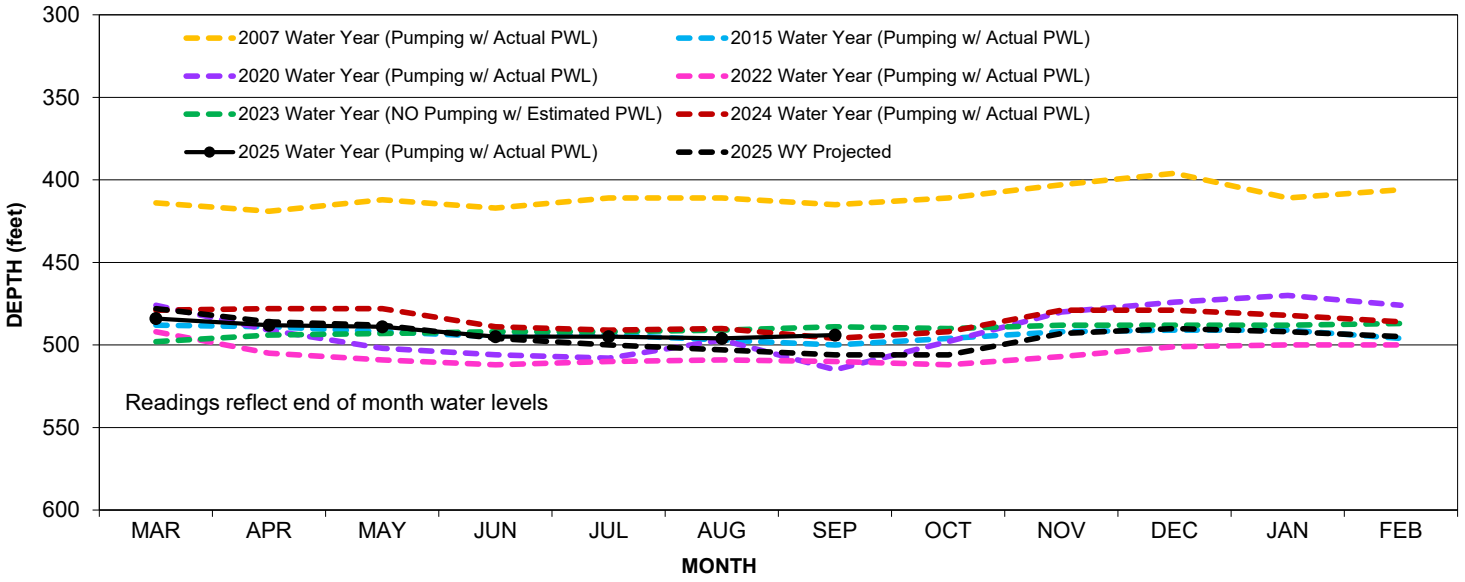
[1] Bowl depth is measured from the bottom of the bowls to top of the pump.
[2] When pumps aren't running,pumping levels are estimated based on previous draw down records. (6 month avg.)
[3] Red numbers indicate drawdowns that are above 100.
[4] Red numbers indicate bowl coverage that is below 50.

EXHIBIT "H-2"

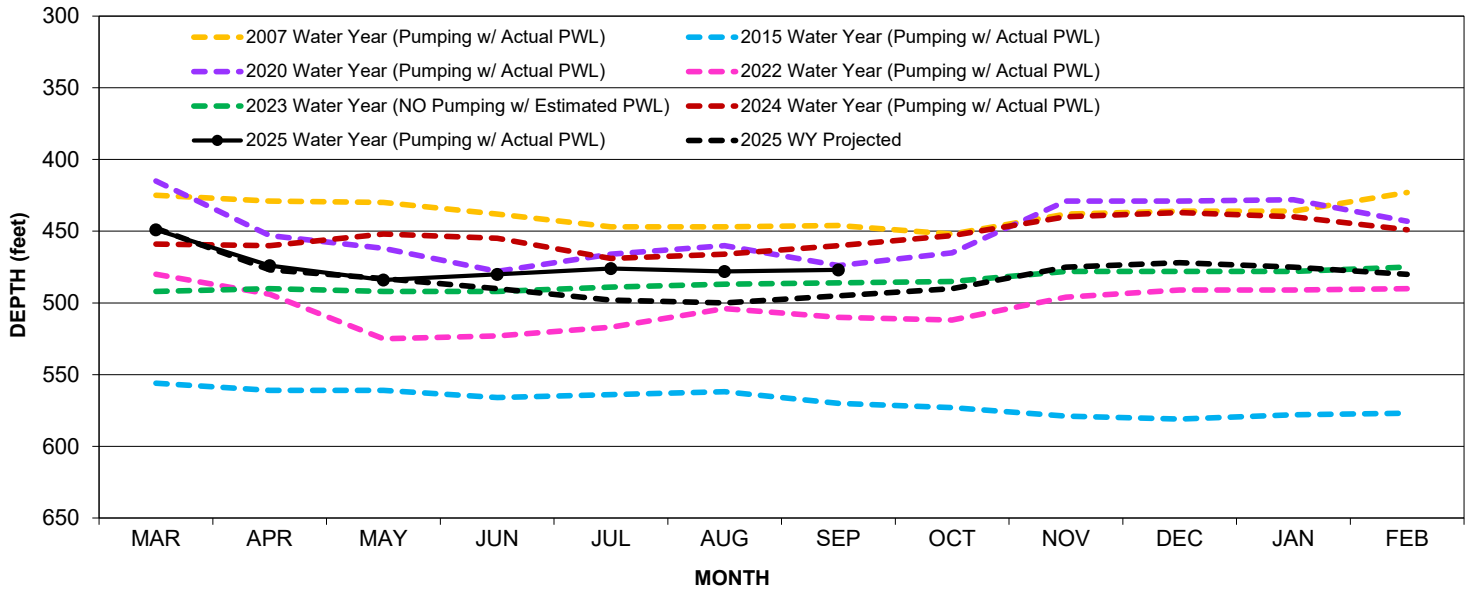
ARVIN-EDISON WATER STORAGE DISTRICT

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

NORTH CANAL



SYCAMORE WELLFIELD



TEJON WELLFIELD