ANDERSON REGIONAL
JOINT WATER SYSTEM

998 Hunters Trail Anderson, SC 29625 Phone: 864-332-6534 Fax: 864-224-6116

BOARD AGENDA

Board of Commissioners
August 27, 2025
Noon

Call to Order / Determination of Quorum
Pledge of Allegiance
Commissioners' Comments
Public Comment

I. Approval of Minutes June 25, 2025

II. Consent Calendar (Old Business)

1. None

III. Items Requiring Immediate Action

1. None

IV. Discussion (New Business)

1. Project Updates
2. Executive Director's Report (Oral)

V. Informational Reports

1. Executive Committee Meeting Summary
2. Finance and Administration Report
3. Operations and Maintenance Report
4. Engineering Report

VI. Adjournment

Future planned Board meeting dates are:

- October 22, 2025
- December 17, 2025

ANDERSON REGIONAL
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Your Community-Owned and Operated System

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www.arjwater.com

MINUTES OF THE ANDERSON REGIONAL JOINT WATER SYSTEM June 25, 2025

LET THE MINUTES SHOW THAT THE MEDIA WERE NOTIFIED OF THIS MEETING IN ACCORDANCE WITH THE SOUTH CAROLINA FREEDOM OF INFORMATION ACT.

A QUORUM OF THE BOARD IS PRESENT.

COMMISSIONERS PRESENT: Benjie McGill, City of Clemson; Patrick Jackson, Starr-Iva Water; Derrick Singleton, Big Creek-Hammond; Tracy Durham, Sandy Springs Water; Scott Banks, City of Anderson; Murray Dodd, Powdersville Water; Mitch Ellenburg, Belton-Honea Path Water; Josh Addis, Town of Central; Malinda Pettigrew, Homeland Park Water; John Lollis, West Anderson Water; Kevin Simpson, Broadway

OTHERS PRESENT: Chris Weber, ARJWS; Justin Clemones, ARJWS; Brandon Good, ARJWS; Jodi Logan, ARJWS; Lisa Evatt, ARJWS; Andy Blondeau, City of Clemson; Bryan Bates, Starr-Iva Water; Scott Willett

Chairman Patrick Jackson called the Board meeting of Anderson Regional Joint Water System to order at 12:00 p.m. on June 25, 2025.

Chairman Patrick Jackson asked for any Commissioner comments. Mr. Jackson thanked the Board for their continued support throughout his tenure, noting that this would be his final board meeting as he plans to retire in July. He then introduced Bryan Bates as the new General Manager of Starr-Iva. Mr. Ellenburg mentioned the Upstate Rural Water Meeting, which will be held at the Town of Williamston on August 14, 2025. Mr. Jackson spoke about a letter he received regarding the legalities of implementing construction procedures from the Legislative Delegation. Mr. Banks presented Mr. Jackson with a plaque in recognition of his service as Chairman of the Board of Commissioners. Mr. Jackson asked Ms. Evatt to share a safety moment with the Board. Ms. Evatt spoke on the 20 Percent Rule. Mr. Weber reiterated what ARJWS has done in terms of safety. Mr. Weber reminded the Board of the anniversary of Mr. Stone's passing. He shared the commemorative safety shirts that ARJWS employees received and informed the Board about the memory garden that employees will create in Mr. Stone's honor on Thursday.

Chairman Patrick Jackson asked for any public comments. There were none.

Mr. Lollis motioned to approve the April 23, 2025, minutes. Ms. Durham seconded. Motion carried.

I. Consent Calendar (Old Business)

1. None

II. Items Requiring Immediate Action

1. FY 2025/26 Budget – Final Reading

Mr. Weber recommended approval of the final reading of the proposed Fiscal Year 2025/26 Annual Budget. The proposed annual budget is $15.29 million. The budget will fund $9.32 million in annual operating expenses, $5.37 million in annual debt service, and $1.61 million in system R&R. In total, the proposed budget represents a 9.23% net change over the approved FY 2024/25 budget. Mr. Weber explained what is contributing most to the budget expenses. Mr. Jackson asked if there were any comments. Mr. Dodd asked the Board if they have ever explored group purchasing options when recruiting vendors and consultants to negotiate more competitive pricing. Mr. McGill motioned to approve the final reading of the proposed FY 2025/26 annual budget. Mr. Ellenburg seconded. The motion was unanimous.

2. Clemson University Wholesale Rate – FY 2025/26-Final Reading

Mr. Weber recommended setting the water rate for Clemson University at $2.31 per thousand gallons for FY 2025/26. The Total System budgetary cost of supply will increase by 9.23% under the proposed FY 2025/26. Increased water deliveries have mitigated these expected cost increases over the past two calendar years. The increase in deliveries spreads the supply cost over a larger base. This results in full cost recovery for normal service and the fixed capital costs for the 2.0 MGD of reserve capacity. Based on recent demand, a water rate of $2.31 per thousand gallons will collect the required revenue. Mr. Jackson asked if there were any questions or comments. There were none. Mr. Banks motioned to approve the final reading of the proposed rate for Clemson University at $2.31 per thousand gallons for FY 2025/26. Mr. Lollis seconded. The motion was unanimous.

III. Items Requiring Immediate Action

1. Election of Board Officers for FY 2025/26

Chairman Patrick Jackson stated that ARJWS shall elect Board Officers each year, with each member of the Board having 1 (one) vote. The Nominating Committee has made the following recommendations for FY 2025/26 Board Officers: Chairman, Scott Banks, City of Anderson; Vice Chairman, Tracy Durham, Sandy Springs Water District; Secretary, Mitch Ellenburg, Belton-Honea Path Water Authority. The establishment of an Executive Committee is to provide additional advice and counsel to the Chairman. The recommendations for At-large Executive Committee members are John Lollis, West Anderson Water District and Matt Ruff, Big Creek-Hammond Water Districts. Chairman Patrick Jackson asked for any additional nominations; there were none. Mrs. Durham made a motion to close Board Officer Elections, Mr. Lollis seconded. Mr. Dodd made a motion to approve the 2025/2026 Board Officers; Mr. Addis seconded, all in favor, and the motion carried.

IV. Discussion (New Business)

1. SCIIP Project- Raw Water Improvement Equipment Purchase

Mr. Weber recommended the approval to purchase two raw water pumps and motors from the low bidder, Premier Water, for an amount not to exceed $621,300. The purchase is for the Lake Hartwell Filter Plant Improvements, which is part of the grant awarded by the South Carolina Rural Infrastructure Authority under SCIIP. The consulting engineer, GMC, has conducted a necessary review to ensure that the bids are complete and include all required documentation. Mr. Weber asked if there were any questions or comments. There were none. Mr. Lollis motioned to approve the purchase of two raw water pumps and motors for an amount not to exceed $621,300. Mr. McGill seconded. The motion was unanimous.

2. Director's Report (Oral)

Mr. Weber provided an update on the harmful algal bloom affecting Lake Hartwell. ARJWS will continue to monitor, but there remain no detections of algal toxins in the source or finished water at the plant. The lake is still under a recreational advisory as of June 25, 2025. ARJWS has received the first disbursement of settlement funds for the ongoing PFAS litigation. Mr. Weber reminded the Board of the communication training being hosted at ARJWS on July 23, 2025, at 10:00 a.m. Mr. Weber asked board members to think of questions or issues they would like to have tailored to the presentation.

IV. Informational Reports

1. Finance and Administration Report
2. Operations and Maintenance Report

These reports are for information and for each Member to review as written. A copy of each report is attached to the file of these minutes.

VI. Adjournment

With no further business, Mr. Banks made a motion to adjourn at 12:53 p.m. Mr. Lollis seconded. Motion carried.

Respectfully submitted,

Benjie McGill

Secretary/Treasurer

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COMMITTEE SUMMARY

Executive Committee
August 20, 2025
11:30 am

Discussion Summary

1. **Capital Projects Updates**
   Onsite disinfection – this project will allow ARJWS to produce disinfectant onsite. Commissioning of the hypochlorite generation equipment has started. The Permit to Operate is expected to be issued in September.

   CBS 5 MG Reservoir – this project adds five million gallons of finished water storage at the Clemson Booster Station. The first concrete pour was completed on 8/6. Valve replacements will be ongoing over the next several months, which will require ARJWS to bypass the Clemson Booster Station.

   Raw Water Improvements – this project replaces two raw water pumps. Partial submittals have been completed.

2. **Staffing**
   Discussed the possibility of adding another electrical maintenance/instrumentation technician to the ARJWS staff to help current work loads and potentially support Members with their electrical and instrumentation needs.

3. **Continuous Improvement**
   Several bypasses have been performed at the Clemson Booster Station in preparation for valve replacements that will be completed as part of the 5 MG reservoir construction project. Replacing the valves will make the pump station much more reliable. Remote read electronic pressure gages have been installed at various places in the transmission system to better understand system conditions during different hydraulic scenarios.

Prepared by: Chris Weber, Executive Director

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BOARD MEMORANDUM

August 13, 2025

Subject

Finance and Administration Report

Discussion

Billing

Meters were read on July 31, 2025, with an average daily usage of 11.02% higher than the previous month and 0.61% higher than the same period last year. The average daily usage for each agency member is listed below.

AGENCY	PREV.YR SAME MONTH	LAST MONTH	CURRENT
# of Billing Days	**34**	**32**	**31**
Anderson	4,771,418	4,223,838	4,963,335
Big Creek	1,198,616	1,108,889	1,186,813
Broadway	893,377	864,389	873,659
Clemson	2,504,023	2,079,811	2,374,212
Clemson University	1,275,688	1,163,184	1,207,719
Hammond	2,878,074	2,556,380	3,253,535
Homeland Park	662,715	703,156	670,335
Pendleton	423,092	408,238	472,328
Powdersville	323,056	275,968	380,102
Sandy Springs	3,066,836	2,544,546	2,546,269
Starr-Iva	1,129,594	1,141,294	1,180,722
West Anderson	1,638,739	1,655,143	1,738,817
Williamston	559,099	599,625	606,675
Total Average Daily Usage	**21,324,328**	**19,324,461**	**21,454,520**

Finance/Budget Summary

For the month ending July 31, 2025, ARJWS is trending appropriately for revenues and expenses for the first month of the fiscal year.

See the Profit & Loss report for additional information.

Safety Training

July
Subject: Conducted a Safety Walk/ Hazard Assessment
Training Date: July 17, 2025
Onsite Attendance
In Person – 10

Prepared by: Jodi Logan, Billing/Purchasing Coordinator
Approved by: Kendall Cleary, Accounting Manager

Attachments: Profit & Loss Summary – Budget, Actual, and Forecast

ANDERSON REGIONAL JOINT WATER SYSTEM

Profit & Loss
For the Month ending July 31, 2025

	Annual Budget	YTD Budget (1 month)	YTD Actual	1+11 Year End Projection	Ideal Percentage	% of Budget	YTD Variance	
Operating Revenue								
Operations and Maintenance	7,857,900	654,825	666,284	7,869,359	8%	8%	11,459	
Capital Charges	5,825,680	485,473	485,473	5,825,680	8%	8%	-	
Renewal and Replacement								
Water System	1,542,317	128,526	128,510	1,542,300	8%	8%	(17)	
Pump Station	67,883	5,657	5,652	67,878	8%	8%	(5)	
Miscellaneous	53,180	4,432	88,562	137,310	8%	167%	84,130	**A**
Total Operating Revenue	15,346,960	1,278,913	1,374,480	15,442,527				
Operating Expenses								
Salaries and Wages	1,804,200	150,350	181,283	1,835,133	8%	10%	30,933	
Payroll Taxes and Employee Benefits	748,100	62,342	90,415	776,173	8%	12%	28,073	
Operations and Maintenance								
Administrative Expenses	399,100	33,258	5,456	371,298	8%	1%	(27,802)	
Operations Expenses								
Lab Supplies/Uniforms/Safety Equipment	166,600	11,367	3,772	159,005	8%	2%	(7,595)	
Chemicals	1,168,900	96,975	121,687	1,193,612	8%	10%	24,712	
Sludge and Chemical Disposal	805,200	66,667	-	805,200	8%	0%	(66,667)	
Utilities and Security	1,700,200	141,683	127,190	1,685,706	8%	7%	(14,494)	
Maintenance Expenses	554,400	46,200	51,417	559,617	8%	9%	5,217	
Professional Fees	170,500	14,208	-	156,292	8%	0%	(14,208)	
Insurance	152,000	12,667	3,352	152,000	8%	2%	(9,314)	
Debt Expenses	5,603,380	447,278	435,600	5,603,380	8%	8%	(11,678)	
Miscellaneous Expenses	188,700	15,725	1,379	174,354	8%	1%	(14,346)	
Total operating expenses before depreciation	13,461,280	1,098,720	1,021,551	13,471,770				
Net operating income	1,885,680	180,194	352,929	1,970,756				
Raw Water								
Raw Water Income	60,648	5,054	-	55,594				
Raw Water O&M Expenses	-	-	19,170	19,170				
Raw Water Operating Income	60,648	5,054	(19,170)	36,424				
Non-Budget Impacting Items								
SCIIP Grant Projects	-	-	4,389,043	12,200,000				
	-	-	4,389,043	12,200,000				

	Previous Month Cash Balances	Current Cash Balances	Days Cash on Hand
Operating Cash	3,182,721	3,197,783	87
Capital Project Fund	3,457,396	3,334,151	
System R&R Fund (Restricted)	1,475,028	1,605,621	
Pumped R&R Fund (Restricted)	433,317	440,606	
PFAS Fund (Restricted)	989,642	993,386	
Raw Water O&M	724,016	559,888	
Raw Water R&R	326,720	334,705	
	10,588,840	10,466,140	

A: Over projected revenue primarily due to $26k in interest income, $20k in water samples, and $40k payment from FEMA related to Hurricane Helene.

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BOARD MEMORANDUM

August 11, 2025

Subject

Operations and Maintenance Report

Discussion

As of August 11, 2025, Lake Hartwell's surface elevation was 657.92 ft, 2.08 ft. below full pool and 2.08 ft. below the guide curve. Raw water is being drawn from the top gate of the intake structure. Water temperature at the top gate is 80.1°F. Anderson Regional Water reached 100.0% of its settled water turbidity goals for the month of July. Raw water pH levels are relatively constant. Settled and finished water pH levels are normal. The maximum day for July water production was 54.6% of finished water capacity.

Operations and Maintenance Highlights

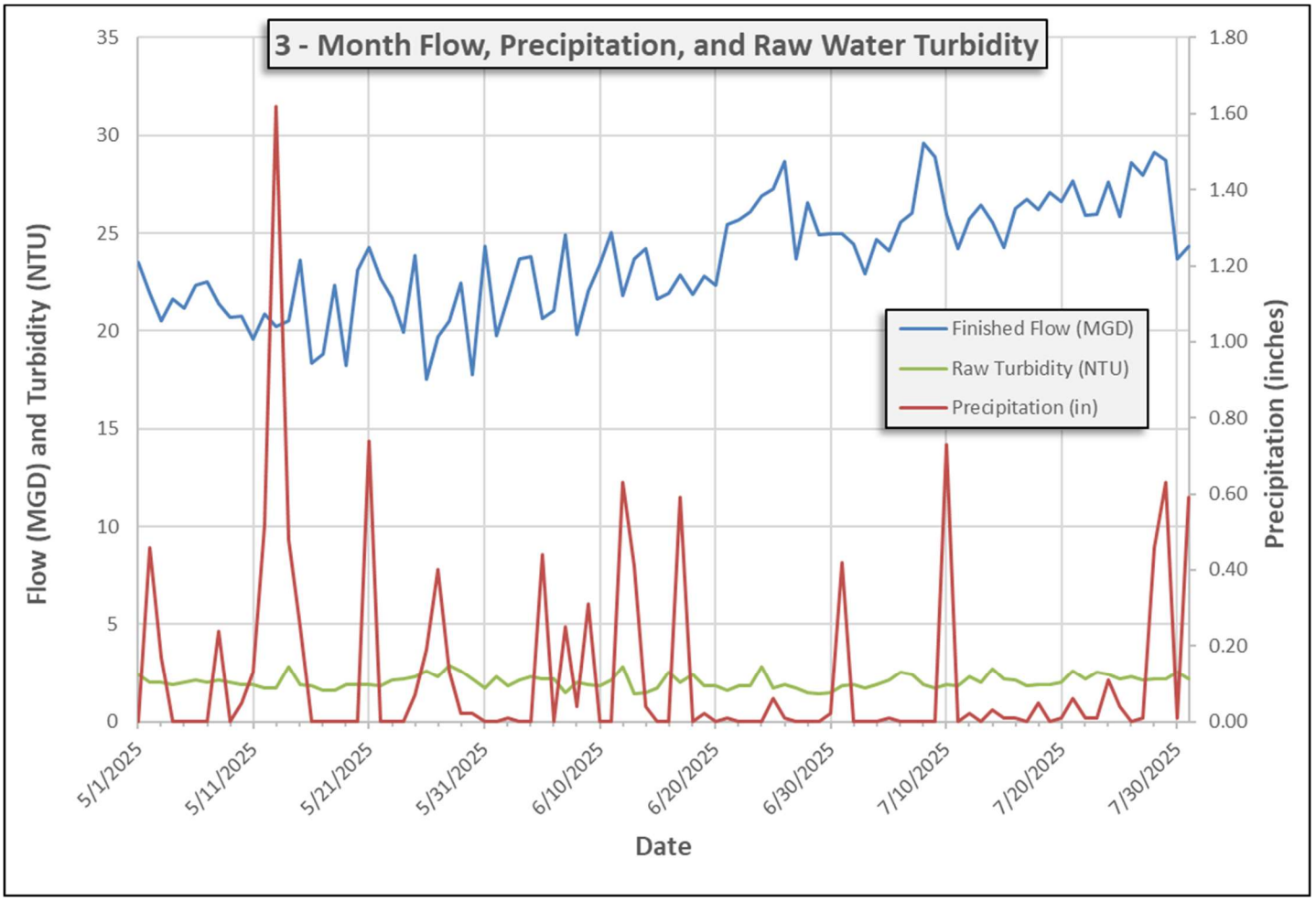
- High Service 6 was retrofitted with an upgraded motor management relay and is now back in service.
- Fluoride injection point has been repaired.
- Upgraded radio units have arrived. This will improve remote site communication reliability.

In addition to water quality sampling for the Lake Hartwell Water Treatment Plant, Anderson Regional Water staff processed 356 Total Coliform distribution samples for local entities during the month of July.

Water Quality Data

	Raw	Settled	Finished
pH	7.02	6.59	7.11
Turbidity (NTU) Range	1.7 – 2.7	0.23 – 0.54	0.03 – 0.04
Turbidity (NTU) Average	2.13	0.38	0.03
Turbidity (NTU) Exceedance	-	0%	0%
Total Organic Carbon	1.71	-	0.85
Fluoride Average (ppm)	-	-	0.68
Phosphate Average (ppm)	-	-	0.42
Residual Disinfectant (ppm)	-	-	1.90
TTHM (DBP)	-	-	10.64 ppb
Methylisoborneol (MIB)	23.0 NG/L	-	<1.0 NG/L
Geosmin	4.2 NG/L	-	<1.0 NG/L

Weather Data



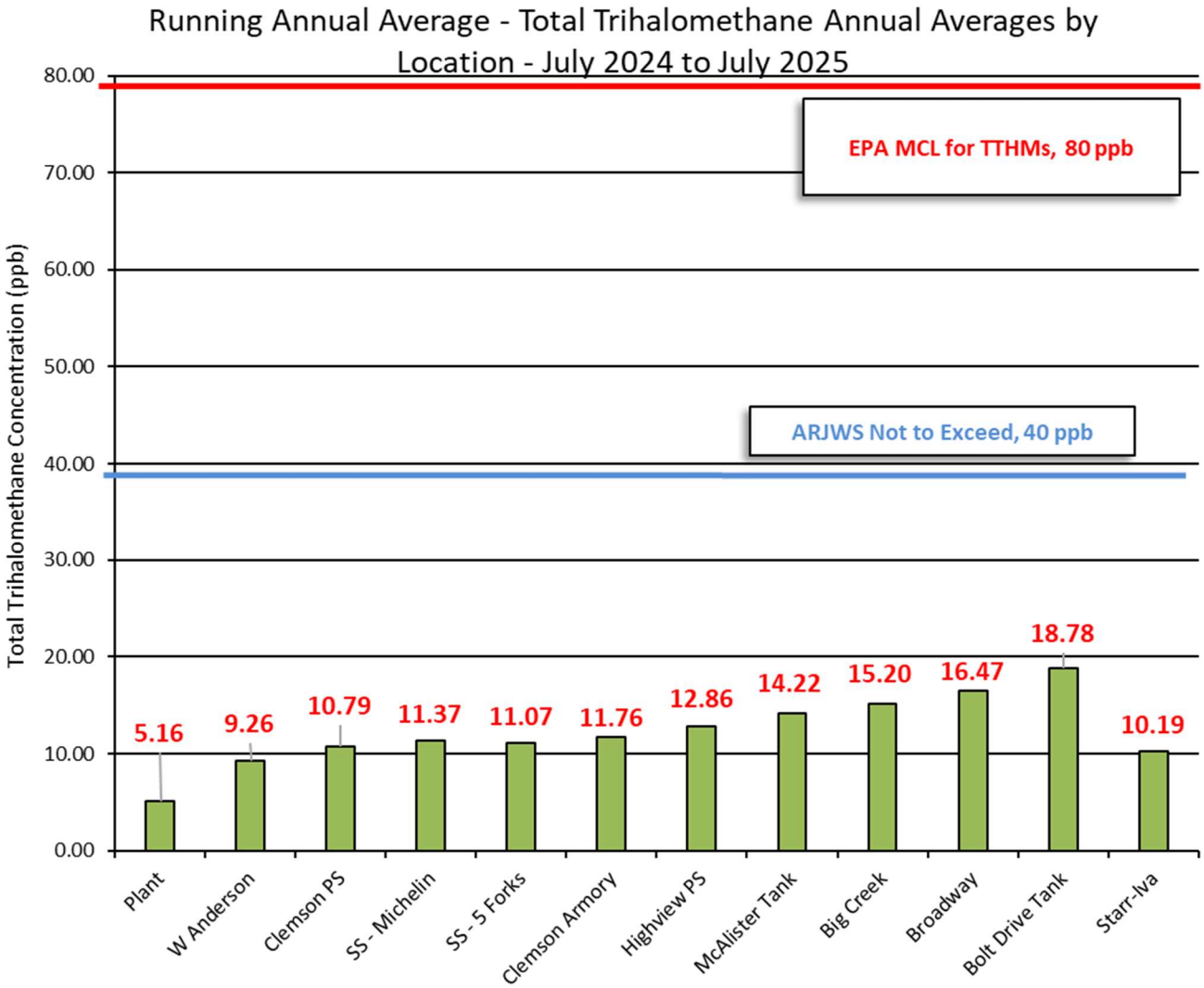
	Minimum	Maximum	Total
Rainfall	0.00 in.	0.73 in.	3.22 in.
Temperature	68.2° F	101.5° F	N/A
Humidity	41%	99%	N/A

Water Production Data

	Average	Minimum	Maximum	Total
Raw Water	26,765,000	22,937,000	32,160,000	829,717,000
Finished Water	26,193,000	22,937,000	29,587,000	811,998,000
Finished Max Capacity	54.6%	47.8%	61.6%	

Total Trihalomethane Discussion

Trihalomethanes (THMs) are one type of disinfection byproduct that can form during the treatment process and within the distribution system. THM concentrations vary primarily as a function of total organic carbon (TOC), temperature, disinfectant type, and residence time. THMs can have adverse health effects at high concentrations, and the EPA has established compliance criteria for these compounds in aggregate, termed Total Trihalomethanes (TTHMs). These criteria are established in Stage 2 of the Disinfection Byproduct Rule, which has a numerical MCL of 80 micrograms per liter (or parts per billion, ppb) based on a Locational Running Annual Average. ARJWS Operations Staff collects monthly, one-time samples, as a spot check for TTHM formation in the transmission system. The running annual averages of those results are shown in the figure below.



Monthly Power Consumption Update

For the month of July, ARJWS treated 811,998,000 gallons of water at a power cost of $114.66 per million gallons produced. The 12-month running annual average is currently $116.82.

Monthly Power Consumption Data

Month	On Peak kWh	Off Peak kWh	Total kWh	Finished Water MG	$/ MG	12 month Average
July – 24	246,538	1,270,783	1,517,321	803.5	$141.86	$119.90
Aug – 24	258,930	1,214,981	1,473,911	845.3	$134.71	$121.06
Sep – 24	297,508	1,201,656	1,499,164	750.9	$165.25	$124.23
Oct – 24	203,811	1,080,390	1,284,201	737.2	$125.65	$123.65
Nov – 24	214,384	1,027,554	1,241,939	641.3	$112.96	$123.76
Dec – 24	201,328	891,992	1,093,320	603.8	$104.59	$123.48
Jan – 25	186,627	908,818	1,095,445	650.9	$96.35	$121.97
Feb – 25	211,048	966,491	1,177,540	594.7	$111.68	$121.62
Mar – 25	186,691	847,865	1,034,556	647.4	$94.45	$119.35
Apr – 25	198,599	995,914	1,194,514	665.6	$101.12	$118.67
May – 25	210,505	993,205	1,203,710	657.0	$103.16	$117.94
June – 25	248,988	1,037,253	1,286,241	709.2	$112.28	$117.74
July – 25	233,660	1,233,829	1,467,489	811.9	$114.66	$116.82

Water Quality Strategic Planning

For the month of July, the following Water Quality Strategic Planning goals were met:

- Finished water pH was held within the designated 7.1-7.3 range.
- Finished water chlorine residual was maintained above a 1.2 ppm leaving the facility.

Prepared by: Brandon Good, Operations Superintendent
Reviewed by: Chris Weber, Executive Director

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BOARD MEMORANDUM

August 21, 2025

Subject
Engineering and Facilities Update

Discussion

Onsite Disinfection
Commissioning for the onsite disinfection process began in early August. A permit to operate the system is expected to be issued in September.

CBS 5MG Reservoir
Precon mobilized in July and performed the first concrete pour on 8/6. Two pump discharge valves were replaced on 8/20. The tank discharge valve assembly is planned to be replaced on 9/4.

Raw Water Improvements
Purchase of two vertical turbine raw water pumps was approved during the board meeting in June. Pump and motor submittals are under way. Field verification of pump and motor critical dimensions is scheduled for 8/26.

SAWS Standby Generator
Tie-in and commissioning of the emergency standby generator for the SAWS raw water pump station was completed in June. The generator has been placed in automatic standby. Owner training is scheduled for the first week of September.

Prepared by: Chris Weber, Executive Director