ANDERSON REGIONAL
JOINT WATER SYSTEM

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

BOARD AGENDA

Board of Commissioners
July 2025

I. Minutes June 25, 2025

II. Informational Reports

1. Finance and Administration Report
2. Operations and Maintenance Report
3. Engineering and Facilities Report

Future planned Board meeting dates are:

- August 27, 2025
- October 22, 2025
- December 17, 2025

ANDERSON REGIONAL
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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
July 14, 2025
11:30 am

Discussion Summary

1. **Summer Demands**
   Cold weather (winter) demands have increased ~50% in the past ten years. ARJWS is updating its hydraulic model this summer to better understand how growth in the service area may influence long term system needs.

2. **Capital Projects Updates**
   Onsite disinfection – this project will allow ARJWS to produce disinfectant onsite. The main equipment is scheduled to be commissioned in early August.

   CBS 5 MG Reservoir – this project adds five million gallons of finished water storage at the Clemson Booster Station. Preliminary site work is ongoing. Precon will mobilize in mid-July.

   Raw Water Improvements – this project replaces two raw water pumps. The pump and motor purchases were approved at the last board meeting.

   SAWS Pump Station standby generator – this project installs an emergency standby generator at the SAWS raw water pump station. The generator installation is scheduled for the week of 7/20.

3. **Continuous Improvement**
   ARJWS is hosting a communication workshop for general managers and board members on 7/23/25. The consultant leading the training specializes in customer and stakeholder communications, crisis communications, and media relations, specifically tailored to the water industry.

Prepared by: Chris Weber, Executive Director

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BOARD MEMORANDUM

July 9, 2025

Subject

Finance and Administration Report

Discussion

Billing

Meters were read on June 30, 2025, with an average daily usage of 11.54% higher than the previous month and 1.40% lower 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	**28**	**29**	**32**
Anderson	5,185,841	4,367,774	4,223,838
Big Creek	1,057,608	970,495	1,108,889
Broadway	761,247	664,412	864,389
Clemson	1,832,154	1,976,635	2,079,811
Clemson University	928,524	580,322	1,163,184
Hammond	2,537,750	2,163,378	2,556,380
Homeland Park	574,356	629,703	703,156
Pendleton	360,965	345,746	408,238
Powdersville	301,755	196,915	275,968
Sandy Springs	2,743,910	2,351,843	2,544,546
Starr-Iva	1,211,920	1,166,073	1,141,294
West Anderson	1,581,647	1,303,056	1,655,143
Williamston	520,590	609,486	599,625
Total Average Daily Usage	**19,598,266**	**17,325,838**	**19,324,461**

Finance/Budget Summary

For the month ending June 30, 2025, ARJWS ended the fiscal year within budget for revenues and expenses and in good financial condition.

See the Profit & Loss report for additional information.

Safety Training

June
Subject: Hoist / Sling & Hot Work Permit
Training Date: June 3, 2025
Onsite Attendance
In Person – 8

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 June 30, 2025

	Annual Budget	YTD Budget (12 months)	YTD Actual	12+0 Year End Projection	Ideal Percentage	% of Budget	YTD Variance	
Operating Revenue								
Operations and Maintenance	7,293,900	7,293,900	7,190,587	7,190,587	100%	99%	(103,313)	
Capital Charges	5,206,053	5,206,053	5,206,053	5,206,053	100%	100%	-	
Renewal and Replacement								
Water System	1,499,582	1,499,582	1,499,052	1,499,052	100%	100%	(530)	
Pump Station	67,764	67,764	67,822	67,822	100%	100%	58	
Miscellaneous	52,653	52,653	513,142	513,142	100%	975%	460,489	**A**
Total Operating Revenue	14,119,952	14,119,952	14,476,656	14,476,656				
Operating Expenses								
Salaries and Wages	1,961,500	1,961,500	1,921,563	1,921,563	100%	98%	(39,937)	**B**
Payroll Taxes and Employee Benefits	769,700	769,700	712,366	712,366	100%	93%	(57,334)	
Operations and Maintenance								
Administrative Expenses	358,600	358,600	267,667	267,667	100%	75%	(90,933)	
Operations Expenses								
Lab Supplies/Uniforms/Safety Equipment	159,200	129,200	118,817	148,817	100%	75%	(10,383)	
Chemicals	1,190,700	1,185,700	1,116,169	1,121,169	100%	94%	(69,531)	
Sludge and Chemical Disposal	305,000	300,000	308,121	305,000	100%	101%	8,121	
Utilities and Security	1,598,900	1,598,900	1,264,244	1,264,244	100%	79%	(334,656)	
Maintenance Expenses	606,200	606,200	480,777	480,777	100%	79%	(125,423)	
Professional Fees	82,500	82,500	29,446	29,446	100%	36%	(53,054)	
Insurance	102,600	102,600	126,755	102,600	100%	124%	24,155	**C**
Debt Expenses	5,406,053	5,224,486	5,247,818	5,406,053	100%	97%	23,332	
Miscellaneous Expenses	159,000	159,000	168,599	168,599	100%	106%	9,599	
Total operating expenses before depreciatic	12,699,953	12,478,386	11,762,343	11,928,301				
Net operating income	1,419,999	1,641,566	2,714,313	2,548,355				
Raw Water								
Raw Water Income	60,024	60,024	307,334	307,334				
Raw Water O&M Expenses	-	-	235,623	235,623				
Raw Water Operating Income	60,024	60,024	71,710	71,710				
Non-Budget Impacting Items								
Junior Lien Bond Payments	80,000	80,000	80,000	80,000				
Vehicle	40,000	40,000	44,100	44,100				
Raw Water Pumps	238,000	238,000	277,559	277,559				
Pump Station Upgrades and Repairs	61,000	61,000	331,502	331,502				
Clarifier #2	250,000	250,000	282,502	282,502				
Plant Repairs	-	-	165,813	165,813				
Miscellaneous Equipment	-	-	46,813	46,813				
SCIIP Grant Projects	540,000	540,000	1,951,376	1,500,000				
	1,209,000	1,209,000	3,179,665	2,728,289				

	Previous Month Cash Balances	Current Cash Balances	Days Cash on Hand
Operating Cash	3,028,549	3,182,721	91
Capital Project Fund	3,456,691	3,457,396	
System R&R Fund (Restricted)	1,345,029	1,475,028	
Pumped R&R Fund (Restricted)	426,101	433,317	
PFAS Fund (Restricted)	-	989,642	
Raw Water O&M	113,172	724,016	
Raw Water R&R	322,800	326,720	
	8,692,341	10,588,840	

A: Over projected revenue primarily due to $237k in interest income, $100k in water samples, and $40k annual payment from Pioneer.
B: Over budget due to Executive Director's retirement payout.
C: Over budget mainly due to increased workers' comp premiums, general liability average percentage increases, and TIV increases for inflationary costs.

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BOARD MEMORANDUM

July 15, 2025

Subject

Operations and Maintenance Report

Discussion

As of July 15, 2025, Lake Hartwell's surface elevation was 659.04 ft, 0.96 ft. above full pool and 0.96 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 89.6°F. Anderson Regional Water reached 100.0% of its settled water turbidity goals for the month of June. Raw water pH levels are relatively constant. Settled and finished water pH levels are normal. The maximum day for June water production was 59.7% of finished water capacity.

Operations and Maintenance Highlights

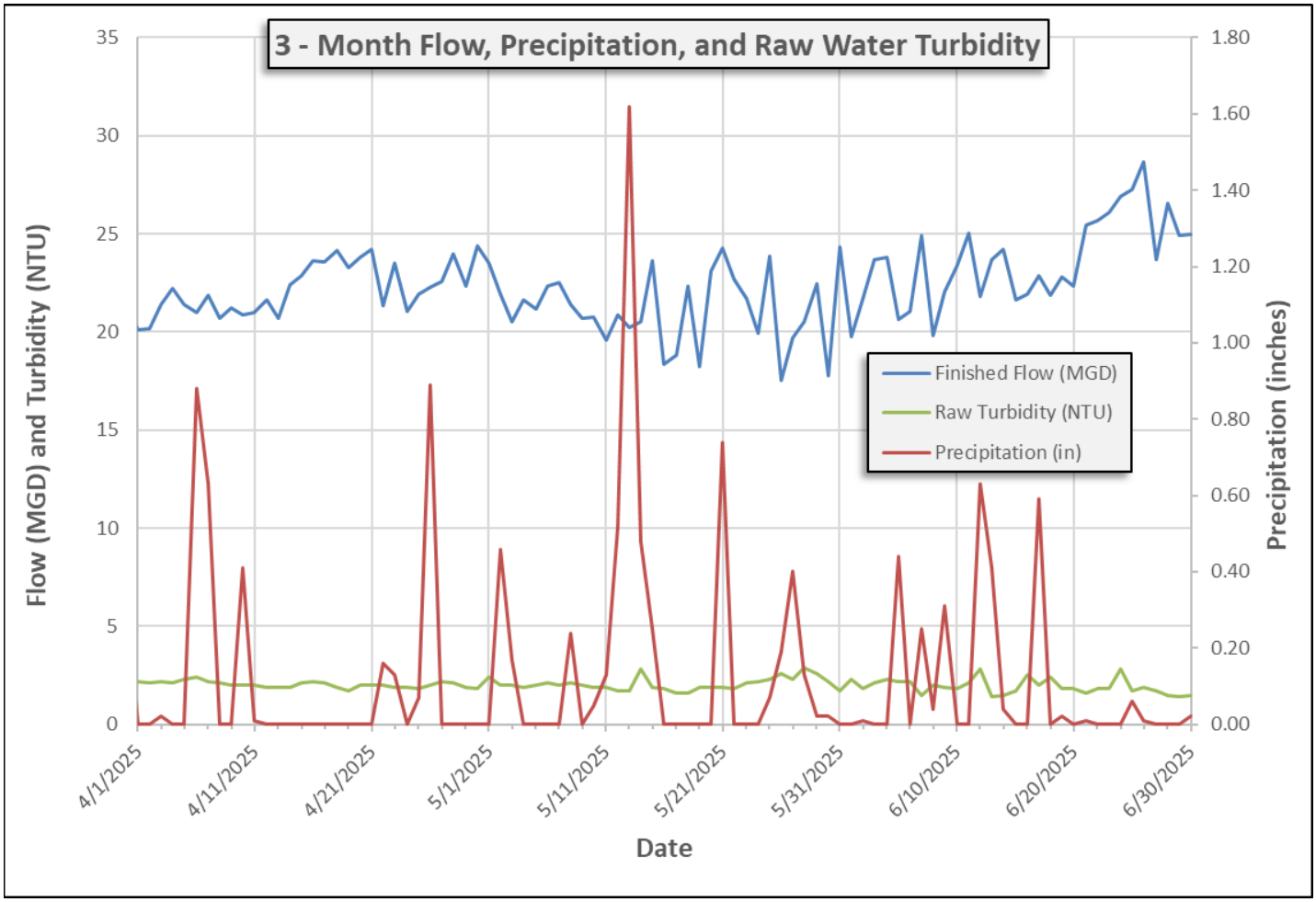
- High Service 6 was retrofitted with an upgraded motor management relay and is now back in service.
- Fluoride injection point has been repaired.
- Upgraded radio units have arrived. This will improve remote site communication reliability.

In addition to water quality sampling for the Lake Hartwell Water Treatment Plant, Anderson Regional Water staff processed 290 Total Coliform distribution samples for local entities during the month of June.

Water Quality Data

	Raw	Settled	Finished
pH	6.86	6.65	7.13
Turbidity (NTU) Range	1.4 – 2.8	0.26 – 0.73	0.03 – 0.04
Turbidity (NTU) Average	1.93	0.45	0.04
Turbidity (NTU) Exceedance	-	0%	0%
Total Organic Carbon	1.60	-	0.87
Fluoride Average (ppm)	-	-	0.00
Phosphate Average (ppm)	-	-	0.47
Residual Disinfectant (ppm)	-	-	1.80
TTHM (DBP)	-	-	8.97 ppb
Methylisoborneol (MIB)	1.3 NG/L	-	<1.0 NG/L
Geosmin	4.4 NG/L	-	<1.0 NG/L

Weather Data



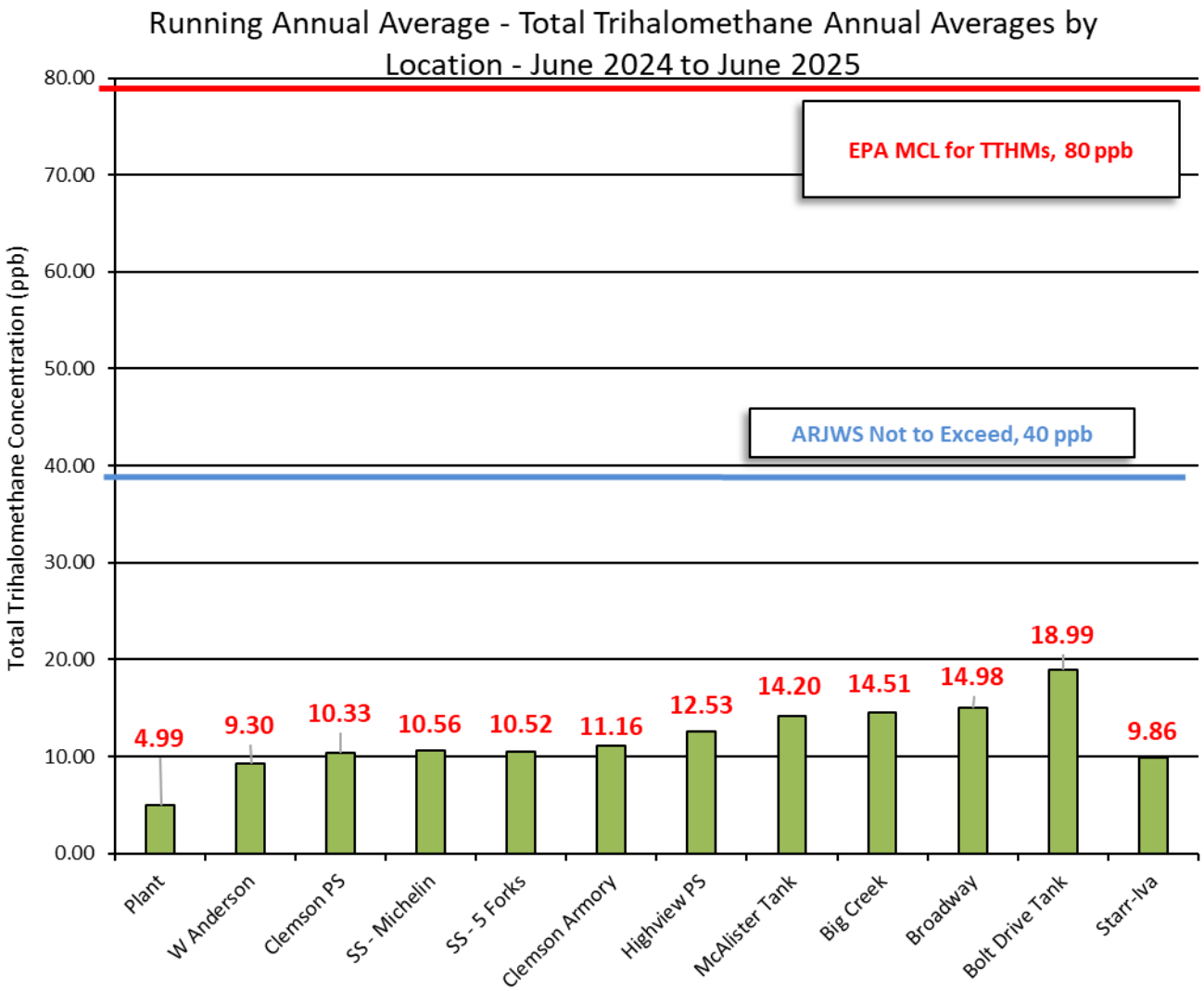
	Minimum	Maximum	Total
Rainfall	0.00 in.	0.63 in.	2.84 in.
Temperature	59.0° F	100.0° F	N/A
Humidity	40%	99%	N/A

Water Production Data

	Average	Minimum	Maximum	Total
Raw Water	23,640,000	19,791,000	28,677,000	709,208,000
Finished Water	23,640,000	19,791,000	28,677,000	709,208,000
Finished Max Capacity	49.3%	41.2%	59.7%	

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 June, ARJWS treated 709,208,000 gallons of water at a power cost of $112.28 per million gallons produced. The 12-month running annual average is currently $117.74.

Monthly Power Consumption Data

Month	On Peak kWh	Off Peak kWh	Total kWh	Finished Water MG	$/ MG	12 month Average
June – 24	243,835	1,065,598	1,309,434	756.7	$126.63	$118.29
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

Water Quality Strategic Planning

For the month of June, 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

July 21, 2025

Subject
Engineering and Facilities Update

Discussion

Onsite Disinfection
Commissioning for the onsite disinfection process is expected in early August. The process equipment manufacturer is currently scheduled to be onsite beginning the week of August 3rd. During the month of June: product standpipe was delivered and installed, HVAC equipment for process room was installed, and a temporary disinfection system was setup and commissioned.

CBS 5MG Reservoir
Precon is expected to mobilize in July. During the month of June: 30" inlet piping and 18" drain piping was installed. Base material was laid and compacted for the storage tank.

Raw Water Improvements
Purchase of two vertical turbine raw water pumps was approved during the board meeting in June. ARJWS will issue a PO to Premier Water pending RIA approval.

SAWS Standby Generator
Tie-in and commissioning of the emergency standby generator for the SAWS raw water pump station is scheduled for the week of July 20. The standby generator was delivered in June.

Prepared by: Chris Weber, Executive Director