ANDERSON REGIONAL
JOINT WATER SYSTEM

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

BOARD AGENDA

Board of Commissioners
September 2025

I. Minutes August 27, 2025

II. Informational Reports

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

Future planned Board meeting dates are:

- October 22, 2025
- December 17, 2025
- February 25, 2026

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www.arjwater.com

MINUTES OF THE
ANDERSON REGIONAL JOINT WATER SYSTEM
August 27, 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; Matt Ruff, Big Creek-Hammond; Tracy Durham, Sandy Springs Water; Scott Banks, City of Anderson; Phillip Mishoe, Town of Central; John Lollis, West Anderson Water; Kevin Simpson, Broadway; Jay Lockaby, Town of Pendleton; Kevin Strickland, Town of Williamston

OTHERS PRESENT: Chris Weber, ARJWS; Justin Clemones, ARJWS; Kendall Cleary, ARJWS; Jodi Logan, ARJWS; Lisa Evatt, ARJWS; Billy Peele, Starr-Iva Water; Dustin Hayes, City of Clemson; Jarred Fleming, Clemson University; Bryan Bates, Starr-Iva Water; Derrick Singleton, Hammond; April Cromer; Cameron Spencer; Janet Martin; Lee Gilreath

Chairman Scott Banks called the Anderson Regional Joint Water System Board meeting to order at 12:00 p.m. on August 27, 2025.

Chairman Scott Banks asked for any Commissioner comments. Mr. McGill introduced Mr. Fleming to the Board. Mr. Banks asked Ms. Evatt to share a safety moment with the Board. Ms. Evatt spoke on ChatGPT & Confidentiality: Keeping Your Information Safe.

Chairman Scott Banks asked for any public comments. There were none.

Mrs. Durham motioned to approve the June 25, 2025, minutes. Mr. Lollis seconded. Motion carried.

I. Consent Calendar (Old Business)

1. None

II. Items Requiring Immediate Action

1. None

III. Items Requiring Immediate Action

1. None

IV. Discussion (New Business)

1. Project Updates

Mr. Weber gave an update on the Capital Improvement Projects. Two raw water pumps have been approved for purchase and are currently waiting for full submittals. The project should be completed by Spring 2026. The onsite disinfection project is in the completion stage. Commissioning of hypochlorite generation equipment has started. Valve replacements are ongoing, which require ARJWS to bypass CBS. The first concrete pour was completed on the CBS 5 MG Reservoir. Remote read electronic pressure gauges have been installed at various locations in the transmission system to provide a clearer understanding of what's happening within the system. Mr. Weber provided the Board with Ardurra drawings of the CBS valve replacement locations.

2. Director's Report (Oral)

Mr. Weber discussed data centers and their potential to significantly increase water demands in the service area. Although ARJWS is not aware of any current data center projects, the service area may be an attractive location. Data centers often require water for cooling, so it's important to understand and plan for potential long-term impacts to water resources.

IV. Informational Reports

1. Executive Committee Meeting Summary
2. Finance and Administration Report

Mrs. Cleary presented the Board with the yearly engagement letter from Greene Finney Cauley, LLP, to audit the financial statements of ARJWS for FYE June 30, 2025. A full report will be presented at the October or December board meeting.

3. Operations and Maintenance Report

Mr. Clemones updated the Board on the SAWS back-up generator that was completed in June. Training is scheduled for the first week in September.

4. Engineering 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. Lollis made a motion to adjourn at 12:25 p.m. Mrs. Durham seconded. Motion carried.

Respectfully submitted,

Mitch Ellenburg

Secretary/Treasurer

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BOARD MEMORANDUM

September 15, 2025

Subject

Finance and Administration Report

Discussion

Billing

Meters were read on August 28, 2025. The average daily usage for August was 1.17% lower than the previous month and 4.53% lower than the same month last year. The average daily usage for each member agency is listed below.

AGENCY	PREV.YR SAME MONTH	LAST MONTH	CURRENT
# of Billing Days	**29**	**31**	**28**
Anderson	4,784,679	4,963,335	5,953,482
Big Creek	1,132,332	1,186,813	1,026,767
Broadway	981,279	873,659	847,032
Clemson	2,701,474	2,374,212	2,442,019
Clemson University	1,402,288	1,207,719	1,123,159
Hammond	2,811,667	3,253,535	2,532,800
Homeland Park	661,512	670,335	710,575
Pendleton	425,029	472,328	499,131
Powdersville	438,001	380,102	244,671
Sandy Springs	3,289,105	2,546,269	2,394,181
Starr-Iva	1,228,067	1,180,722	1,297,620
West Anderson	1,791,154	1,738,817	1,581,897
Williamston	560,969	606,675	549,243
Total Average Daily Usage	**22,207,556**	**21,454,520**	**21,202,578**

Finance/Budget Summary

For the month ending August 31, 2025, ARJWS is trending appropriately for revenues and expenses for the first (2) two months of the fiscal year.

See the Profit & Loss report for additional information.

Safety Training

August
Subject: Emergency Preparedness
Training Date: August 21, 2025
Onsite Attendance
In Person – 9

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 August 31, 2025

	Annual Budget	YTD Budget (2 month)	YTD Actual	2+10 Year End Projection	Ideal Percentage	% of Budget	YTD Variance	
Operating Revenue								
Operations and Maintenance	7,857,900	1,309,650	1,312,549	7,860,799	8%	17%	2,899	
Capital Charges	5,825,680	970,947	970,947	5,825,680	8%	17%	-	
Renewal and Replacement								
Water System	1,542,317	257,053	257,019	1,542,284	8%	17%	(33)	
Pump Station	67,883	11,314	11,303	67,872	8%	17%	(11)	
Miscellaneous	53,180	8,863	160,703	205,020	8%	302%	151,840	**A**
Total Operating Revenue	15,346,960	2,557,827	2,712,521	15,501,655				
Operating Expenses								
Salaries and Wages	1,804,200	300,700	306,208	1,809,708	8%	17%	5,508	
Payroll Taxes and Employee Benefits	748,100	124,683	121,760	745,177	8%	16%	(2,923)	
Operations and Maintenance								
Administrative Expenses	399,100	66,517	14,132	346,716	8%	4%	(52,384)	
Operations Expenses								
Lab Supplies/Uniforms/Safety Equipment	166,600	22,733	9,276	153,142	8%	6%	(13,458)	
Chemicals	1,168,900	193,950	237,329	1,212,279	8%	20%	43,379	
Sludge and Chemical Disposal	805,200	133,333	-	805,200	8%	0%	(133,333)	
Utilities and Security	1,700,200	283,367	262,683	1,679,516	8%	15%	(20,684)	
Maintenance Expenses	554,400	92,400	94,473	556,473	8%	17%	2,073	
Professional Fees	170,500	28,417	-	142,083	8%	0%	(28,417)	
Insurance	152,000	25,333	8,048	152,000	8%	5%	(17,285)	
Debt Expenses	5,603,380	894,556	516,991	5,603,380	8%	9%	(377,565)	
Miscellaneous Expenses	188,700	31,450	11,820	169,070	8%	6%	(19,630)	
Total operating expenses before depreciation	13,461,280	2,197,439	1,582,720	13,374,744				
Net operating income	1,885,680	360,387	1,129,802	2,126,911				
Raw Water								
Raw Water Income	60,648	10,108	62,716	113,256				
Raw Water O&M Expenses	-	-	37,499	37,499				
Raw Water Operating Income	60,648	10,108	25,217	75,757				
Non-Budget Impacting Items								
SCIIP Grant Capital Outlay	-	-	5,838,073	12,200,000				
	-	-	5,838,073	12,200,000				

	Previous Month Cash Balances	Current Cash Balances	Days Cash on Hand
Operating Cash	3,197,783	3,518,978	95
Capital Project Fund	3,334,151	5,912,161	
System R&R Fund (Restricted)	1,605,621	239,963	
Pumped R&R Fund (Restricted)	440,606	447,933	
PFAS Fund	993,386	997,147	
Raw Water	542,805	542,805	
	10,114,352	11,658,988	

A: Over projected revenue primarily due to $54k in interest income, $32k in water samples, and $72k payment from FEMA related to Hurricane Helene.

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BOARD MEMORANDUM

September 20, 2025

Subject

Operations and Maintenance Report

Discussion

As of September 20, 2025, Lake Hartwell's surface elevation was 657.48 ft, 2.52 ft. below full pool and 2.52 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 82.0°F. Anderson Regional Water reached 100.0% of its settled water turbidity goals for the month of August. Raw water pH levels are relatively constant. Settled and finished water pH levels are normal. The maximum day for August water production was 50.1% of finished water capacity.

Operations and Maintenance Highlights

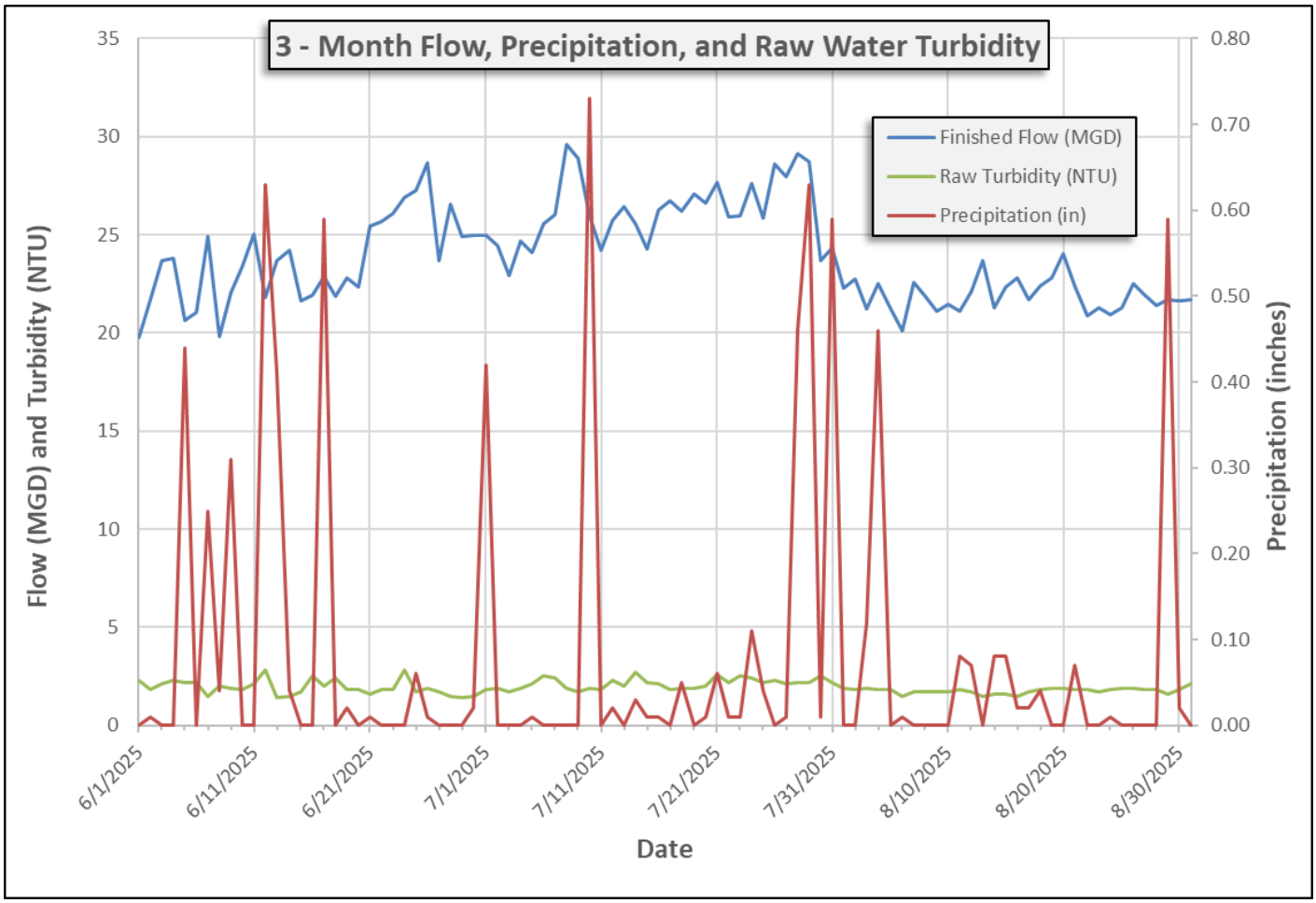
- Lagoon dredging has started
- Filter 5 Influent valve has been repaired and placed back into service
- All 5 CBS discharge valves have been replaced.

In addition to water quality sampling for the Lake Hartwell Water Treatment Plant, Anderson Regional Water staff processed 277 Total Coliform distribution samples for local entities during the month of August.

Water Quality Data

	Raw	Settled	Finished
pH	7.08	6.63	7.15
Turbidity (NTU) Range	1.5 – 2.1	0.33 – 0.55	0.03 – 0.04
Turbidity (NTU) Average	1.76	0.44	0.03
Turbidity (NTU) Exceedance	-	0%	0%
Total Organic Carbon	1.72	-	0.95
Fluoride Average (ppm)	-	-	0.70
Phosphate Average (ppm)	-	-	0.55
Residual Disinfectant (ppm)	-	-	1.87
TTHM (DBP)	-	-	8.22 ppb
Methylisoborneol (MIB)	23.0 NG/L	-	<1.0 NG/L
Geosmin	4.2 NG/L	-	<1.0 NG/L

Weather Data



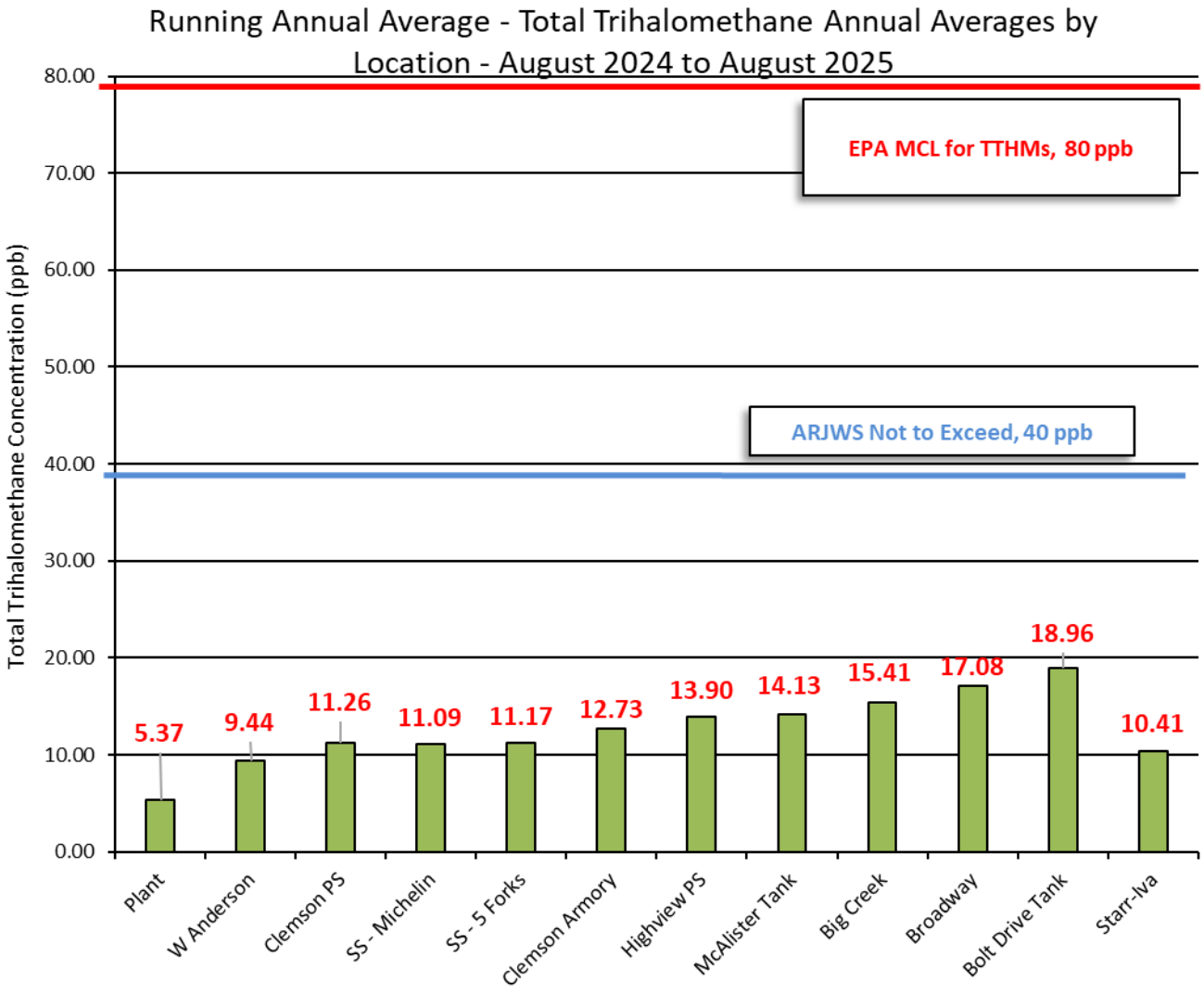
	Minimum	Maximum	Total
Rainfall	0.00 in.	0.59 in.	1.67 in.
Temperature	57.5° F	95.0° F	N/A
Humidity	43%	99%	N/A

Water Production Data

	Average	Minimum	Maximum	Total
Raw Water	23,098,000	20,688,000	25,630,000	716,033,000
Finished Water	21,904,000	20,118,000	24,031,000	679,030,000
Finished Max Capacity	45.6%	41.9%	50.1%	

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 August, ARJWS treated 679,030,000 gallons of water at a power cost of $133.83 per million gallons produced. The 12-month running annual average is currently $116.21.

Monthly Power Consumption Data

Month	On Peak kWh	Off Peak kWh	Total kWh	Finished Water MG	$/ MG	12 month Average
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
Aug – 25	258,141	1,188,290	1,446,432	679.0	$133.83	$116.21

Water Quality Strategic Planning

For the month of August, 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