ANDERSON REGIONAL
JOINT WATER SYSTEM

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

BOARD AGENDA

Board of Commissioners
October 22, 2025
Noon

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

I. Approval of Minutes August 27, 2025

II. Consent Calendar (Old Business)

1. None

III. Items Requiring Immediate Action

1. Receive and Accept the Draft Annual Comprehensive Financial Report for Years ending June 30, 2025 & 2024
2. A RESOLUTION PROVIDING GUIDANCE ON PUBLIC COMMENT PROCEDURES DURING BOARD OF COMMISSIONERS MEETINGS

IV. Discussion (New Business)

1. Master Planning

V. Informational Reports

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

VI. Adjournment

Future planned Board meeting dates are:

- December 17, 2025
- February 26, 2026
- April 22, 2026

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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
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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COMMITTEE SUMMARY

Executive Committee
October 6, 2025
11:30 am

Discussion Summary

1. **Capital Projects Updates**
   Onsite disinfection – this project will allow ARJWS to produce disinfectant onsite. Received approval from DES to dose the product while in testing mode until ARJWS takes ownership of the project. Final walkthrough and training scheduled for the end of October.

   CBS 5 MG Reservoir – this project adds five million gallons of finished water storage at the Clemson Booster Station. 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. Submittals have been completed.

2. **Board Public Comment Procedures**
   Distributed a draft of public comment procedures for Board meetings. Minor changes were discussed, and this will be an agenda item at the October Board meeting.

3. **Water Quality**
   Discussed the high levels of MIB currently detected in the source water. The amount is well within the capabilities of the Ozone facility and is not affecting the finished water.

4. **Salary Survey**
   Discussed the intent to engage an HR consulting firm to complete a salary survey of the positions at ARJWS.

5. **Master Planning**
   Distributed a draft version of the RFP for engineering services to complete a master plan.

Prepared by: Chris Weber, Executive Director

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BOARD MEMORANDUM

October 7, 2025

Subject

Finance and Administration Report

Discussion

Billing

Meters were read on September 30, 2025. The average daily usage for September was 0.29% higher than the previous month and 3.81% higher 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	**32**	**28**	**33**
Anderson	4,607,964	5,953,482	4,752,461
Big Creek	1,024,154	1,026,767	1,017,657
Broadway	785,352	847,032	824,386
Clemson	2,829,775	2,442,019	2,502,926
Clemson University	1,412,291	1,123,159	1,391,920
Hammond	2,497,212	2,532,800	2,653,745
Homeland Park	631,791	710,575	713,208
Pendleton	388,947	499,131	473,427
Powdersville	303,914	244,671	271,785
Sandy Springs	2,873,925	2,394,181	3,409,634
Starr-Iva	1,158,663	1,297,620	1,170,675
West Anderson	1,468,636	1,581,897	1,462,221
Williamston	500,762	549,243	619,421
Total Average Daily Usage	**20,483,386**	**21,202,578**	**21,263,468**

Finance/Budget Summary

For the month ending September 30, 2025, ARJWS is trending appropriately for revenues and expenses for the first (3) three months of the fiscal year.

See the Profit & Loss report for additional information.

Safety Training

September
Subject: PPE, Spill Response, Contractor Safety
Training Date: September 24, 2025
Onsite Attendance
In Person – 11

Subject: New Hire Safety Orientation Training
Training Date: September 24, 2025
Onsite Attendance
In Person – 2 (All Day)

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 September 30, 2025

	Annual Budget	YTD Budget (3 month)	YTD Actual	Ideal Percentage	% of Budget	YTD Variance	
Operating Revenue							
Operations and Maintenance	7,857,900	1,964,475	1,998,259	25%	25%	33,784	
Capital Charges	5,825,680	1,456,420	1,456,420	25%	25%	-	
Renewal and Replacement							
Water System	1,542,317	385,579	385,529	25%	25%	(50)	
Pump Station	67,883	16,971	16,955	25%	25%	(16)	
Miscellaneous	53,180	13,295	242,036	25%	455%	228,741	**A**
Total Operating Revenue	15,346,960	3,836,740	4,099,199				
Operating Expenses							
Salaries and Wages	1,804,200	451,050	413,831	25%	23%	(37,219)	
Payroll Taxes and Employee Benefits	748,100	187,025	185,484	25%	25%	(1,541)	
Operations and Maintenance							
Administrative Expenses	399,100	99,775	37,804	25%	9%	(61,971)	
Operations Expenses							
Lab Supplies/Uniforms/Safety Equipment	166,600	34,100	29,240	25%	18%	(4,860)	
Chemicals	1,168,900	290,925	289,627	25%	25%	(1,298)	
Sludge and Chemical Disposal	805,200	200,000	-	25%	0%	(200,000)	
Utilities and Security	1,700,200	425,050	395,268	25%	23%	(29,782)	
Maintenance Expenses	554,400	138,600	128,731	25%	23%	(9,869)	
Professional Fees	170,500	42,625	2,950	25%	2%	(39,675)	
Insurance	152,000	38,000	12,744	25%	8%	(25,256)	
Debt Expenses	5,603,380	1,341,834	952,665	25%	17%	(389,169)	
Miscellaneous Expenses	188,700	47,175	29,404	25%	16%	(17,772)	
Total operating expenses before depreciatio	13,461,280	3,296,159	2,477,748				
Net operating income	1,885,680	540,581	1,621,451				
Raw Water							
Raw Water Income	60,648	15,162	62,716				
Raw Water O&M Expenses	-	-	63,579				
Raw Water Operating Income	60,648	15,162	(863)				
Non-Budget Impacting Items							
SCIIP Grant Revenue	-	-	(1,760,041)				
SCIIP Grant Capital Outlay	-	-	5,870,045				
Hydraulic Model	-	-	22,892				
Pipe Inventory	-	-	87,630				
Capital Assets, Net	-	-	16,420,526				

	Previous Month Cash Balances	Current Cash Balances	Days Cash on Hand
Operating Cash	3,518,978	3,687,702	100
Capital Project Fund	5,912,161	4,782,871	
System R&R Fund (Restricted)	239,963	369,433	
Pumped R&R Fund (Restricted)	447,933	455,212	
PFAS Fund	997,147	1,000,750	
Raw Water	542,805	555,004	
	11,658,988	10,850,972	

A: Over projected revenue primarily due to $80k in interest income, $45k in water samples, $72k from FEMA related to Hurricane Helene, and $40k from Pioneer Water.

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BOARD MEMORANDUM

October 9, 2025

Subject

Operations and Maintenance Report

Discussion

As of October 9, 2025, Lake Hartwell's surface elevation was 656.87 ft, 3.13 ft. below full pool and 3.13 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 78.3°F. Anderson Regional Water reached 100.0% of its settled water turbidity goals for the month of September. Raw water pH levels are relatively constant. Settled and finished water pH levels are normal. The maximum day for September water production was 53.4% of finished water capacity.

Operations and Maintenance Highlights

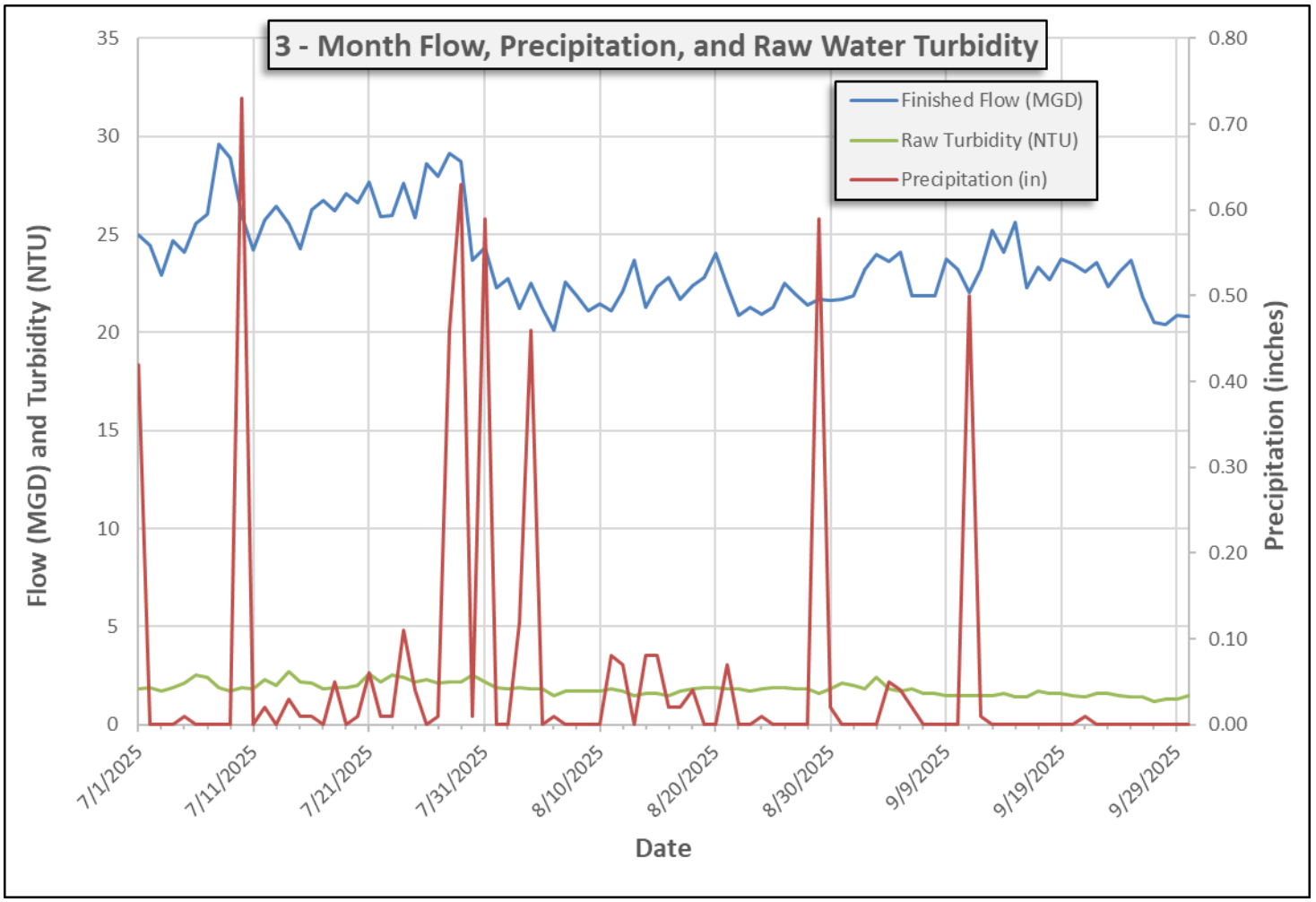
- Removed 92 tons of sludge for the month
- Filter 5 Influent valve has been repaired and placed back into service
- All 5 CBS discharge valves have been replaced.

In addition to water quality sampling for the Lake Hartwell Water Treatment Plant, Anderson Regional Water staff processed 287 Total Coliform distribution samples for local entities during the month of September.

Water Quality Data

	Raw	Settled	Finished
pH	7.01	6.66	7.11
Turbidity (NTU) Range	1.2 – 2.4	0.28 – 0.58	0.03 – 0.04
Turbidity (NTU) Average	1.57	0.40	0.03
Turbidity (NTU) Exceedance	-	0%	0%
Total Organic Carbon	1.84	-	0.93
Fluoride Average (ppm)	-	-	0.65
Phosphate Average (ppm)	-	-	0.45
Residual Disinfectant (ppm)	-	-	1.84
TTHM (DBP)	-	-	7.1 ppb
Methylisoborneol (MIB)	278.0 NG/L	-	<1.0 NG/L
Geosmin	8.9 NG/L	-	<1.0 NG/L

Weather Data



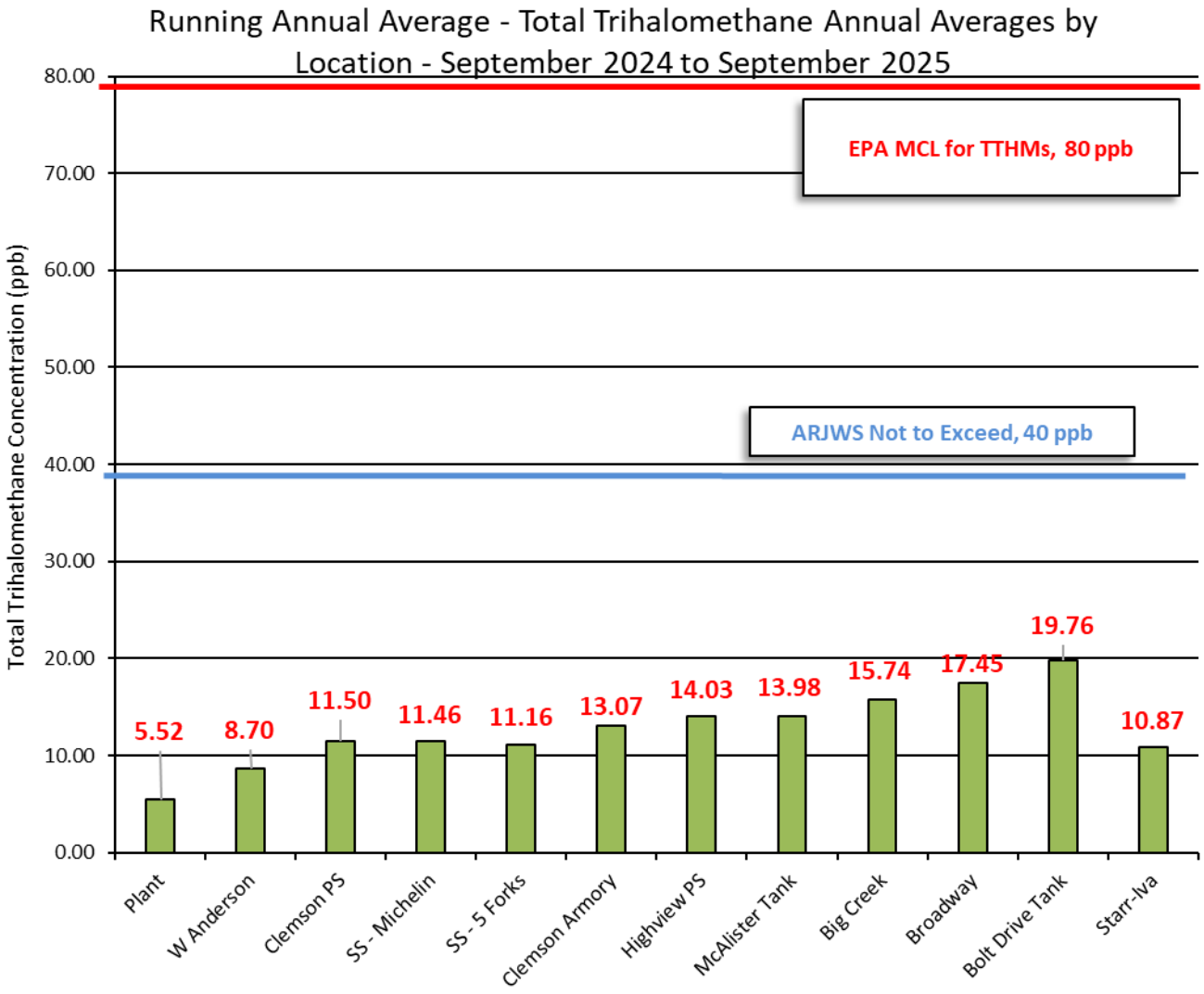
	Minimum	Maximum	Total
Rainfall	0.00 in.	0.50 in.	0.63 in.
Temperature	83.9° F	88.0° F	N/A
Humidity	44%	99%	N/A

Water Production Data

	Average	Minimum	Maximum	Total
Raw Water	25,430,000	20,689,000	32,722,000	762,908,000
Finished Water	22,848,000	20,413,000	25,625,000	685,442,000
Finished Max Capacity	47.6%	42.5%	53.4%	

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 September, ARJWS treated 685,442,000 gallons of water at a power cost of $132.08 per million gallons produced. The 12-month running annual average is currently $116.00.

Monthly Power Consumption Data

Month	On Peak kWh	Off Peak kWh	Total kWh	Finished Water MG	$/ MG	12 month Average
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
Sept – 25	256,963	1,163,383	1,420,347	685.4	$132.08	$116.00

Water Quality Strategic Planning

For the month of September, 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

October 13, 2025

Subject
Engineering and Facilities Update

Discussion

Onsite Disinfection
The onsite disinfection system has been operating automatically since early October. Operations and Maintenance have been trained on the new system. Asset information and PMs are being entered into the CMMS. The final walk through will be conducted at the end of October to finalize any punch list items.

CBS 5MG Reservoir
Precon has been constructing the outside wall of the tank. All tank piping is complete and has been successfully pressure tested. The 5 discharge valves and 5 suction valves have been replaced, which will allow for the pumps to be independently isolated. Additional pipe and valve work to be completed includes replacement of the discharge header and valves, 1B tie-in, and additional valve replacements that will allow tank isolation from 1B and the Clemson Blvd.

Raw Water Improvements
Purchase of two vertical turbine raw water pumps was approved during the board meeting in June. Field verification of pump and motor critical dimensions was completed in August. Pump and motor submittals were completed.

Prepared by: Chris Weber, Executive Director

A RESOLUTION PROVIDING GUIDANCE ON PUBLIC COMMENT PROCEDURES DURING BOARD OF COMMISSIONERS MEETINGS

WHEREAS, Anderson Regional Joint Water System (ARJWS) is duly organized under the Joint Water and Sewer System Act the State of South Carolina (SC Code Title 6 Chapter 25);

WHEREAS, the Municipalities of Anderson, Clemson, Pendleton and Williamston and the Special Purpose Districts of Big Creek Water and Sewerage District of Anderson County, Broadway Water and Sewerage District of Anderson County, Hammond Water District, Homeland Park Water District, Powdersville Water District, Sandy Springs Water District, Starr-Iva Water and Sewer District, and West Anderson Water District are member water agencies;

WHEREAS, under Article III section 2 of the ARJWS Bylaws, ARJWS holds Regular Meetings;

WHEREAS, those meetings are a matter of public record, and the public is welcome to attend;

WHEREAS, the bylaws do not currently outline procedures for public comment;

NOW, THEREFORE BE IT RESOLVED BY ANDERSON REGIONAL JOINT WATER SYSTEM COMMISSION AS FOLLOWS:

Section 1. The Board of Commissioners of ARJWS does hereby implement PUBLIC COMMENT PROCEDURES as described in the Attachment.

Section 2. This Resolution shall become effective on October 22, 2025 and shall expire upon written notice.

DONE, RATIFIED, AND ADOPTED this 22nd day of October, 2025.

ANDERSON REGIONAL JOINT WATER SYSTEM, SOUTH CAROLINA

(SEAL)

_____
Scott Banks, Chairman
Anderson Regional Joint Water System Commission

Attest:

_____
Mitch Ellenburg, Secretary
Anderson Regional Joint Water System Commission

ATTACHMENT – PUBLIC COMMENT PROCEDURES

The Board Chairman shall be the presiding officer for the public comment period. The presiding officer may address comments at the end of each comment. Responses to public comments that are provided after the meeting may be publicly posted. All persons wishing to be heard during the public comment period shall sign in prior to the meeting stating their full name, address, subject matter and purpose for speaking. Once all speakers on the list have been recognized, and if time allows, those who were not added to the list of speakers may be recognized. Thirty minutes shall be allotted for the entire public comment period. Each speaker shall be limited to three minutes, unless the Chairman authorizes one extension of three minutes. If the public comment period expires before all persons who have signed up are recognized, those names will be carried over to the public comment period at the next meeting of the Board of Commissioners: provided, however, the Presiding Officer may decide to extend the public comment period in their discretion.

If the topic is on the agenda, public comment shall be allowed during the discussion of that agenda item. Comments made on items appearing on the agenda will be limited to three minutes, unless the Chairman authorizes one extension of two minutes.

All comments should be directed to the Board as a body and should be limited to issues the Board has jurisdiction over. Speakers are asked to be mindful of repeating points that have already been addressed to make sure everyone has an opportunity to speak. Speakers may not speak on behalf of others. Speakers shall not use the public comment period to promote or advertise awards, businesses, services, goods, candidates for public office or events that are not free and open to the public. Recognized speakers may not donate, transfer, yield, or give all or any portion of their speaking time to others.