ANDERSON REGIONAL
JOINT WATER SYSTEM

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

BOARD AGENDA

Board of Commissioners
December 2025

I. Minutes October 22, 2025

II. Informational Reports

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

Future planned Board meeting dates are:

- February 18, 2026
- April 22, 2026
- June 24, 2026

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MINUTES OF THE
ANDERSON REGIONAL JOINT WATER SYSTEM
October 22, 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; Edgar Scott, Sandy Springs Water; Scott Banks, City of Anderson; John Lollis, West Anderson Water; Kevin Simpson, Broadway; Steve Miller, Town of Pendleton; Bryan Bates, Starr-Iva Water; Robin Gore; Powdersville Water; Mitch Ellenburg, Belton Honea-Path Water; Don King, Homeland Park Water

OTHERS PRESENT: Chris Weber, ARJWS; Justin Clemones, ARJWS; Kendall Cleary, ARJWS; Jodi Logan, ARJWS; Lisa Evatt, ARJWS; Brandon Good, ARJWS; Billy Peele, Starr-Iva Water; Dustin Hayes, City of Clemson; Tony Putman, Clemson University; Derrick Singleton, Hammond; Nathan Woods, City of Clemson; David Phillips

Chairman Scott Banks called the Anderson Regional Joint Water System Board meeting to order at 12:03 p.m. on October 22, 2025.

Chairman Scott Banks asked for any Commissioner comments. Mr. McGill introduced Mr. Woods to the Board. Mr. Woods is the Assistant City Administrator and Planning Director for the City of Clemson. Mr. Banks asked Ms. Evatt to share a safety moment with the Board. Ms. Evatt spoke on Lithium-Ion Batteries: Why are battery fires on the rise?

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

Mr. Ruff motioned to approve the August 27, 2025, minutes. Mr. Ellenburg seconded. Motion carried.

I. Consent Calendar (Old Business)

1. None

II. Items Requiring Immediate Action

1. Receive and Accept the Draft Annual Comprehensive Financial Report for Years ending June 30, 2025 & 2024

Mrs. Cleary introduced Mr. David Phillips, Independent Auditor of Greene Finney Cauley, LLP. Mr. Phillips was responsible for auditing the financial statements of ARJWS for the FYE June 30, 2025. Professional standards require that the independent auditors communicate with the Board any information and findings related to the audit. Mr. Phillips presented the Board of Commissioners with a Financial Audit Presentation and Management Letter. Mr. Phillips informed the Board of Commissioners that, due to the government shutdown, auditors cannot issue final Single Audit reports for the FY ending June 30, 2025, until the OMB releases the 2025 compliance supplement. Until then, draft copies will serve as informational until the official supplement is released. If any changes are made, the final audit will be presented at the December meeting. Mr. Phillips made the Board aware that there were no findings, no disagreements with management, and nothing to disclose. Copies of the draft financial reports, presentation, and management letter are attached. Mr. Banks asked for comments. There was none. Mr. McGill made a motion to accept and file the draft FYE 2025 Annual Comprehensive Financial Report and audit results. Mr. Lollis seconded that motion. Motion carried.

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

Mr. Weber presented the Board with the resolution providing guidance on public comment procedures during Board meetings. Mr. Banks asked for comments. There was none. Mr. Lollis made a motion to approve and authorize the Chairman to sign the resolution on behalf of the Joint Water System to adopt the RESOLUTION PROVIDING GUIDANCE ON PUBLIC COMMENT PROCEDURES DURING BOARD OF COMMISSIONERS MEETINGS. Mr. Simpson seconded that motion.

III. Discussion (New Business)

1. Master Planning

Mr. Weber discussed WTP Flow and when ARJWS will need to consider infrastructure additions or a new water treatment plant.

Mr. Weber gave an update and showed pictures of the on-site hypochlorite room and a drone view of the CBS 5 MG Storage Tank. Additional valve replacements are ongoing.

IV. Informational Reports

1. Executive Committee Meeting Summary

ARJWS will engage an HR consulting firm to conduct a salary survey of staff positions.
A draft version of the RFP for engineering services to complete master plan was discussed.

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

Mr. Weber introduced the new staff. Madox Vipperman and Ryan Whisnant were hired as water operator trainees, and Aiden Luper as a maintenance technician.
High levels of MIB have been detected but remain within the capabilities of the Ozone facility, and finished water is not being affected.

4. Engineering Report

Raw Water Improvements project will replace two raw water pumps. Submittals have been completed.
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.

V**. Adjournment**
With no further business, Mr. Lollis made a motion to adjourn at 12:47 p.m. Mr. McGill seconded. Motion carried.

Respectfully submitted,

Mitch Ellenburg

Secretary/Treasurer

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COMMITTEE SUMMARY

Executive Committee
December 8, 2025
11:30 am

Discussion Summary

1. **End of Year Calendar**
   The 2025 OMB Compliance Supplement related to the FY 2025 single audit was released with no significant changes. This was the last item needed to finalize the annual audit and with no changes needed in the report, the action taken at the October Board Meeting is sufficient to finalize the audit. The Executive Committee agreed to cancel the December Board meeting. The February Board meeting conflicts with the Decision Makers conference and the group agreed to move up the February Board and Executive Committee meetings one week.

2. **Staff Updates**
   Discussed the current staffing levels at ARJWS and the options available for the upcoming budget FY 2027 budget cycle.

3. **Capital Projects Updates**
   Onsite disinfection – The final authorization to operate (ATO) was issued by DES on November 21, 2025. Final payment is expected by the end of the calendar year, and a dedication ceremony is planned for December 15, 2025.

   CBS 5 MG Reservoir – Construction of the roof on the new tank is ongoing. Final pump station bypass is planned for the weekend of December 12-15, 2025.

4. **AI Tools and Applications**
   ARJWS has been in discussions with Aquaspec (Delta Bravo) on a potential AI program to trend and analyze operational data to improve performance and influence decision-making. There is a kick-off meeting on December10th to discuss the program and its capabilities.

Prepared by: Chris Weber, Executive Director

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BOARD MEMORANDUM

December 10, 2025

Subject

Finance and Administration Report

Discussion

Billing

Meters were read on November 30, 2025. The average daily usage in November was 9.98% lower than the previous month, but 7.01% higher than the corresponding month in the previous year. The average daily usage for each member agency is presented below.

AGENCY	PREV.YR SAME MONTH	LAST MONTH	CURRENT
# of Billing Days	**32**	**30**	**31**
Anderson	4,026,538	5,262,308	4,801,815
Big Creek	921,684	1,139,311	996,678
Broadway	684,082	743,611	669,980
Clemson	2,187,304	2,269,809	2,091,784
Clemson University	1,082,725	1,266,624	1,038,451
Hammond	2,045,683	2,284,350	2,143,122
Homeland Park	678,355	663,187	659,764
Pendleton	348,750	429,646	442,220
Powdersville	168,624	196,938	152,963
Sandy Springs	1,965,156	2,597,701	2,207,908
Starr-Iva	1,052,151	1,229,844	1,138,131
West Anderson	1,332,592	1,541,869	1,292,090
Williamston	462,654	530,302	509,508
Total Average Daily Usage	**16,956,297**	**20,155,498**	**18,144,415**

Finance/Budget Summary

For the month ending November 30, 2025, ARJWS is trending appropriately for revenues and expenses for the first five months of the fiscal year.

Refer to the Profit & Loss report for additional information and details.

Safety Training

November
Subject: Pesticide Safety, Ergonomics, & Drill Press Safety
Training Date: November 13, 2025
Onsite Attendance
In Person – 11

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 November 30, 2025

	Annual Budget	YTD Budget (5 months)	YTD Actual	Ideal Percentage	% of Budget	YTD Variance	
Operating Revenue							
Operations and Maintenance	7,857,900	3,274,125	3,300,869	42%	42%	26,744	
Capital Charges	5,825,680	2,427,367	2,427,367	42%	42%	-	
Renewal and Replacement							
Water System	1,542,317	642,632	642,548	42%	42%	(84)	
Pump Station	67,883	28,285	28,258	42%	42%	(26)	
Miscellaneous	53,180	22,158	311,429	42%	586%	289,271	**A**
Total Operating Revenue	15,346,960	6,394,567	6,710,472				
Operating Expenses							
Salaries and Wages	1,804,200	751,750	663,686	42%	37%	(88,064)	**B**
Payroll Taxes and Employee Benefits	748,100	311,708	279,866	42%	37%	(31,843)	**B**
Operations and Maintenance							
Administrative Expenses	399,100	166,292	65,929	42%	17%	(100,362)	
Operations Expenses							
Lab Supplies/Uniforms/Safety Equipment	166,600	56,833	39,284	42%	24%	(17,550)	
Chemicals	1,168,900	484,875	462,642	42%	40%	(22,233)	
Sludge and Chemical Disposal	805,200	333,333	258,132	42%	32%	(75,202)	
Utilities and Security	1,700,200	708,417	599,625	42%	35%	(108,792)	
Maintenance Expenses	554,400	231,000	207,683	42%	37%	(23,317)	
Professional Fees	170,500	71,042	35,050	42%	21%	(35,992)	
Insurance	152,000	63,333	22,135	42%	15%	(41,198)	
Debt Expenses	5,603,380	2,236,390	1,824,012	42%	33%	(412,378)	**C**
Miscellaneous Expenses	188,700	78,625	68,065	42%	36%	(10,560)	
Total operating expenses before depreciatio	13,461,280	5,493,598	4,526,109				
Net operating income	1,885,680	900,968	2,184,363				
Raw Water							
Raw Water Income	60,648	25,270	125,776				
Raw Water O&M Expenses	-	-	103,445				
Raw Water Operating Income	60,648	25,270	22,331				
Non-Budget Impacting Items							
SCIIP Grant Revenue	-	-	(3,794,287)				
SCIIP Grant Capital Outlay	-	-	8,364,624				
Hydraulic Model	-	-	38,892				
Vehicles	-	-	167,937				
Pipe Inventory	-	-	226,149				
Capital Assets, Net	-	-	5,003,314				

	Previous Month Cash Balances	Current Cash Balances	Days Cash on Hand
Operating Cash	4,193,910	4,000,118	108
Capital Project Fund	4,296,334	5,177,163	
System R&R Fund (Restricted)	499,360	629,695	
Pumped R&R Fund (Restricted)	462,541	469,795	
PFAS Fund	3,267,025	3,845,514	
Raw Water	529,411	560,755	
	13,248,581	14,683,040	

A: Over projected revenue primarily due to $128k in interest income, $63k in water samples, $72k from FEMA related to Hurricane Helene, and $40k from Pioneer Water.

B: Under budget in wages and related taxes and benefits due to several open positions during the first 5 months of FY 2026.

C: In July 2025, US Bank issued ARJWS a credit for interest earned in the debt service reserve funds in FY 2025. This reflects as an underpayment by ARJWS, but the FY 2026 debt obligations have been fully met as of November 2025.

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BOARD MEMORANDUM

December 10, 2025

Subject

Operations Report

Discussion

As of December 10, 2025, Lake Hartwell's surface elevation was 654.23 ft, 5.77 ft. below full pool and 2.23 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 57.2°F. Anderson Regional Water reached 100.0% of its settled water turbidity goals for the month of November. Raw water pH levels are relatively constant. Settled and finished water pH levels are normal. The maximum day for November water production was 45.2% of finished water capacity.

Operations Highlights

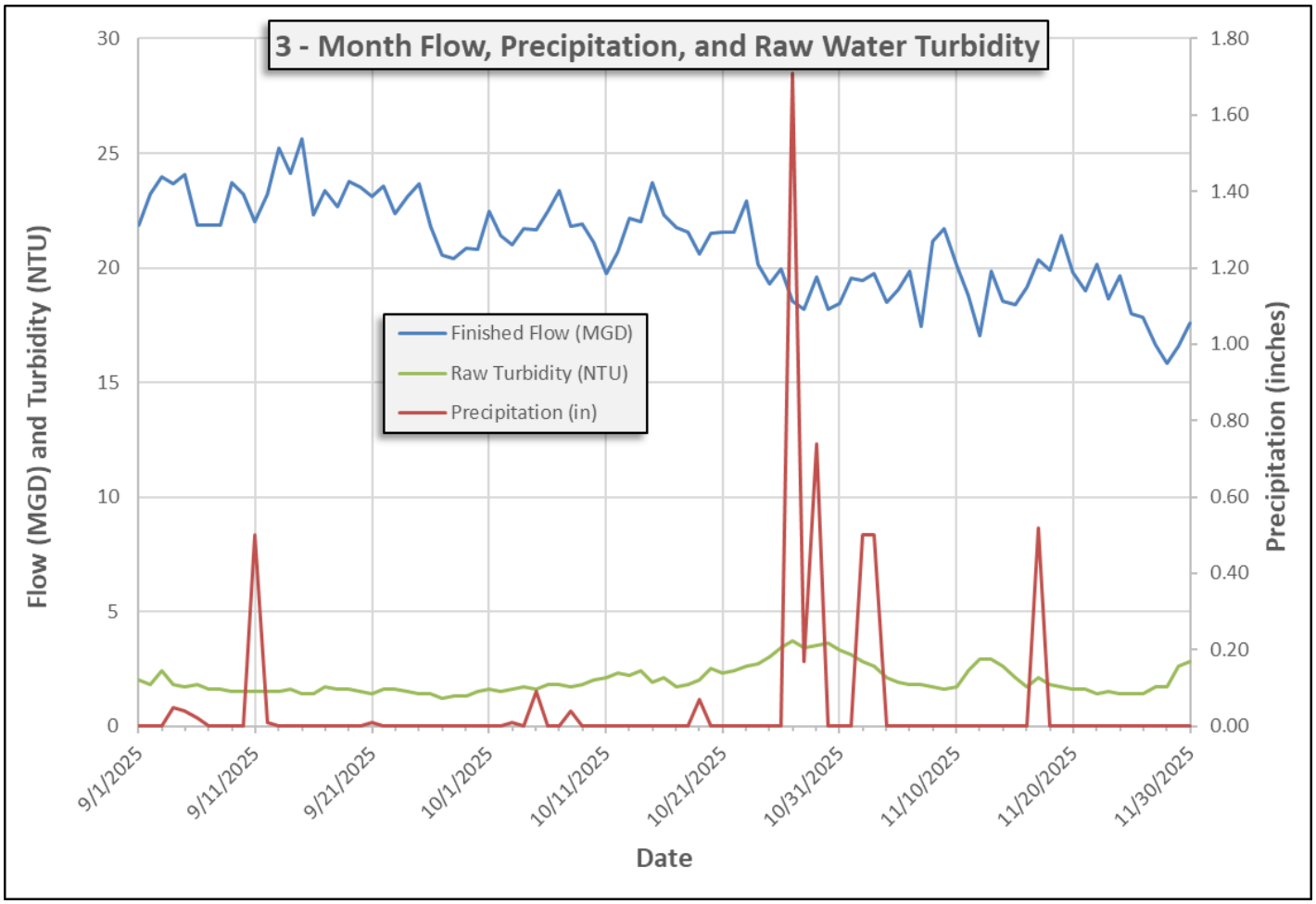
- Removed 65 tons of sludge for the month of November and 285 tons total
- Preparing for our winter coagulant

In addition to water quality sampling for the Lake Hartwell Water Treatment Plant, Anderson Regional Water staff processed 241 Total Coliform distribution samples for local entities during the month of November.

Water Quality Data

	Raw	Settled	Finished
pH	7.07	6.59	7.15
Turbidity (NTU) Range	1.4 – 3.1	0.34 – 0.85	0.03 – 0.03
Turbidity (NTU) Average	2.01	0.50	0.03
Turbidity (NTU) Exceedance	-	0%	0%
Total Organic Carbon	1.50	-	0.75
Fluoride Average (ppm)	-	-	0.72
Phosphate Average (ppm)	-	-	0.46
Residual Disinfectant (ppm)	-	-	1.77
TTHM (DBP)	-	-	2.8 ppb
Methylisoborneol (MIB)	19.4 NG/L	-	<1.0 NG/L
Geosmin	3.3 NG/L	-	<1.0 NG/L

Weather Data



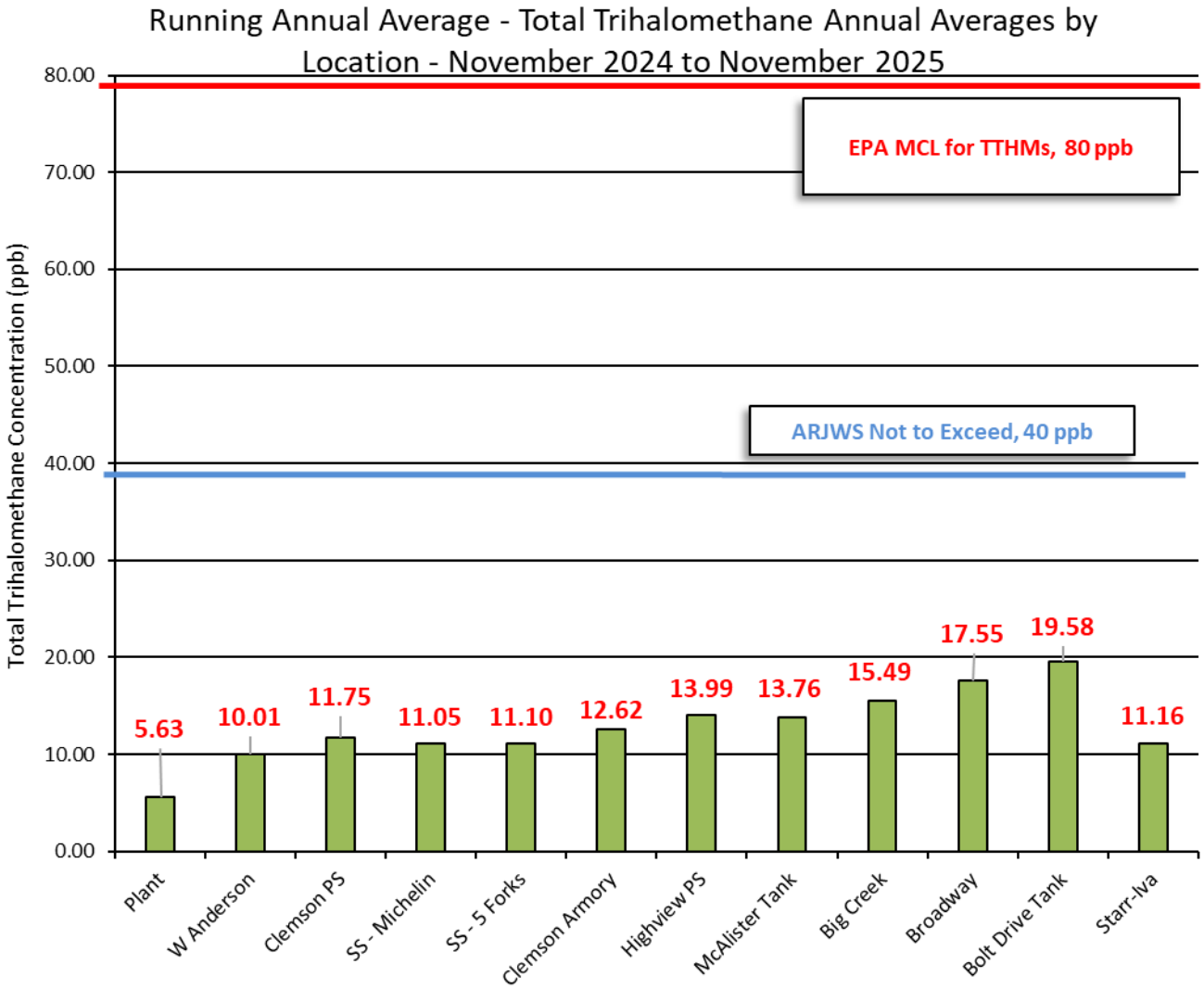
	Minimum	Maximum	Total
Rainfall	0.00 in.	0.52 in.	1.52 in.
Temperature	81.3° F	28.6° F	N/A
Humidity	23%	99%	N/A

Water Production Data

	Average	Minimum	Maximum	Total
Raw Water	20,661,000	15,201,000	24,502,000	619,821,000
Finished Water	18,994,000	15,846,000	21,714,000	569,814,000
Finished Max Capacity	39.6%	33.0%	45.2%	

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 November, ARJWS treated 569,814,000 gallons of water at a power cost of $123.65 per million gallons produced. The 12-month running annual average is currently $112.46.

Monthly Power Consumption Data

Month	On Peak kWh	Off Peak kWh	Total kWh	Finished Water MG	$/ MG	12 month Average
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
Oct – 25	227,280	1,136,296	1,363,576	653.3	$121.12	$112.61
Nov – 25	223,905	1,027,586	1,251,491	569.8	$123.65	$112.46

Water Quality Strategic Planning

For the month of November, 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 Manager
Reviewed by: Chris Weber, Executive Director

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BOARD MEMORANDUM

December 10, 2025

Subject
Maintenance and Project Update

Discussion

Onsite Disinfection
The onsite disinfection system has been operating automatically as designed since October. The final permit to operate was issued in November.

CBS 5MG Reservoir
Precon has been constructing the top of the tank. All valves and piping necessary for the new tank have been installed and tested. 19 of the existing valves have been replaced and one new bypass line has been added to better serve the system. Three valves are left to be replaced/installed. The project is currently on schedule.

Raw Water Improvements
Purchases have been made to replace two of the raw water pumps. We have awarded the bid for rebuilding Raw #1 to Southeast Pump Specialist.

ARJWS Maintenance

- ARJWS will be welcoming Clifton Chasteen to the maintenance group on 12/15/25 as our Electrical Maintenance Technician.
- SAWS #2 pump has been placed back in service after replacing the VFD.
- Clarifier #4 floc/rake drives are being pulled for rebuild. A quick turn-around is expected.
- ARJWS is currently in discussion with several metering manufacturers about AMI platforms and ultrasonic meters.

Prepared by: Justin Clemones, Maintenance & Asset Manager
Approved by: Chris Weber, Executive Director