ANDERSON REGIONAL
JOINT WATER SYSTEM

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

BOARD AGENDA

Board of Commissioners
November 2025

I. Minutes October 22, 2025

II. Informational Reports

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

Future planned Board meeting dates are:

- December 17, 2025
- February 25, 2026
- April 22, 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
November 10, 2025
11:30 am

Discussion Summary

1. **Capital Projects Updates**
   Onsite disinfection – The O&M letter was submitted by ARJWS last week to be included in the submission to DES for the permit to operate (PTO). ARJWS expects to receive the official PTO in the next few weeks. Currently decommissioning the temporary hypochlorite setup in preparation of transitioning to the new system.

   CBS 5 MG Reservoir – Successfully completed a weekend bypass of the pump station to test for the upcoming work on the discharge manifold. There are three more bypasses needed to complete the valve work at the pump station. ARJWS is meeting with the engineer this week to discuss the operating philosophy of the two-tank system. This will determine how the SCADA system will be configured.

   Raw Water Improvements – Currently bidding pump installations (pre-bid on Wednesday, November 12th). The pumps are already procured. Circulated an RFQ for refurbishment of pump #1 (SCIIP adder, small procurement <$250,000). Plan to have pump removed, refurbished, and in service by March 2026.

2. **USACE Reallocation**
   ARJWS received a draft of the Lake Hartwell reallocation report that includes the request for 10,555 additional acre-feet of reallocated storage. ARJWS submitted comments on the report and expects to be offered a new contract by the middle of next year.

3. **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

November 11, 2025

Subject

Finance and Administration Report

Discussion

Billing

Meters were read on October 30, 2025. The average daily usage for October was 5.21% lower than the previous month, but 3.64% 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	**31**	**33**	**30**
Anderson	4,587,722	4,752,461	5,262,308
Big Creek	1,012,080	1,017,657	1,139,311
Broadway	775,684	824,386	743,611
Clemson	2,392,328	2,502,926	2,269,809
Clemson University	1,184,618	1,391,920	1,266,624
Hammond	2,291,163	2,653,745	2,284,350
Homeland Park	690,381	713,208	663,187
Pendleton	407,512	473,427	429,646
Powdersville	231,651	271,785	196,938
Sandy Springs	2,693,474	3,409,634	2,597,701
Starr-Iva	1,125,738	1,170,675	1,229,844
West Anderson	1,545,935	1,462,221	1,541,869
Williamston	509,116	619,421	530,302
Total Average Daily Usage	**19,447,402**	**21,263,468**	**20,155,498**

Finance/Budget Summary

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

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

Safety Training

October
Subject: Lithium-Ion Battery Hazards
Training Date: October 15, 2025
Onsite Attendance
In Person – 11

Subject: New Hire Safety Orientation Training
Training Date: October 16, 2025
Onsite Attendance
In Person – 1 (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 October 31, 2025

	Annual Budget	YTD Budget (4 months)	YTD Actual	Ideal Percentage	% of Budget	YTD Variance	
Operating Revenue							
Operations and Maintenance	7,857,900	2,619,300	2,655,829	33%	34%	36,529	
Capital Charges	5,825,680	1,941,893	1,941,893	33%	33%	-	
Renewal and Replacement							
Water System	1,542,317	514,106	514,039	33%	33%	(67)	
Pump Station	67,883	22,628	22,607	33%	33%	(21)	
Miscellaneous	53,180	17,727	284,067	33%	534%	266,341	**A**
Total Operating Revenue	15,346,960	5,115,653	5,418,435				
Operating Expenses							
Salaries and Wages	1,804,200	601,400	526,409	33%	29%	(74,991)	**B**
Payroll Taxes and Employee Benefits	748,100	249,367	212,783	33%	28%	(36,584)	**B**
Operations and Maintenance							
Administrative Expenses	399,100	133,033	51,240	33%	13%	(81,793)	
Operations Expenses							
Lab Supplies/Uniforms/Safety Equipment	166,600	45,467	30,099	33%	18%	(15,367)	
Chemicals	1,168,900	387,900	419,419	33%	36%	31,519	
Sludge and Chemical Disposal	805,200	266,667	123,323	33%	15%	(143,344)	
Utilities and Security	1,700,200	566,733	502,129	33%	30%	(64,604)	
Maintenance Expenses	554,400	184,800	188,850	33%	34%	4,050	
Professional Fees	170,500	56,833	32,750	33%	19%	(24,083)	
Insurance	152,000	50,667	17,439	33%	11%	(33,227)	
Debt Expenses	5,603,380	1,789,112	1,388,338	33%	25%	(400,774)	**C**
Miscellaneous Expenses	188,700	62,900	59,600	33%	32%	(3,300)	
Total operating expenses before depreciatio	13,461,280	4,394,879	3,552,380				
Net operating income	1,885,680	720,775	1,866,055				
Raw Water							
Raw Water Income	60,648	20,216	94,060				
Raw Water O&M Expenses	-	-	83,306				
Raw Water Operating Income	60,648	20,216	10,754				
Non-Budget Impacting Items							
SCIIP Grant Revenue	-	-	(2,797,626)				
SCIIP Grant Capital Outlay	-	-	7,229,951				
Hydraulic Model	-	-	38,892				
Pipe Inventory	-	-	162,680				
Capital Assets, Net	-	-	4,633,897				

	Previous Month Cash Balances	Current Cash Balances	Days Cash on Hand
Operating Cash	3,687,702	4,193,910	114
Capital Project Fund	4,782,871	4,296,334	
System R&R Fund (Restricted)	369,433	499,360	
Pumped R&R Fund (Restricted)	455,212	462,541	
PFAS Fund	1,000,750	3,267,025	
Raw Water	555,004	529,411	
	10,850,972	13,248,581	

A: Over projected revenue primarily due to $111k in interest income, $55k 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 4 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 October 2025.

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BOARD MEMORANDUM

November 12, 2025

Subject

Operations and Maintenance Report

Discussion

As of November 12, 2025, Lake Hartwell's surface elevation was 655.36 ft, 4.64 ft. below full pool and 2.94 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 65.1°F. Anderson Regional Water reached 100.0% of its settled water turbidity goals for the month of October. Raw water pH levels are relatively constant. Settled and finished water pH levels are normal. The maximum day for October water production was 49.4% of finished water capacity.

Operations and Maintenance Highlights

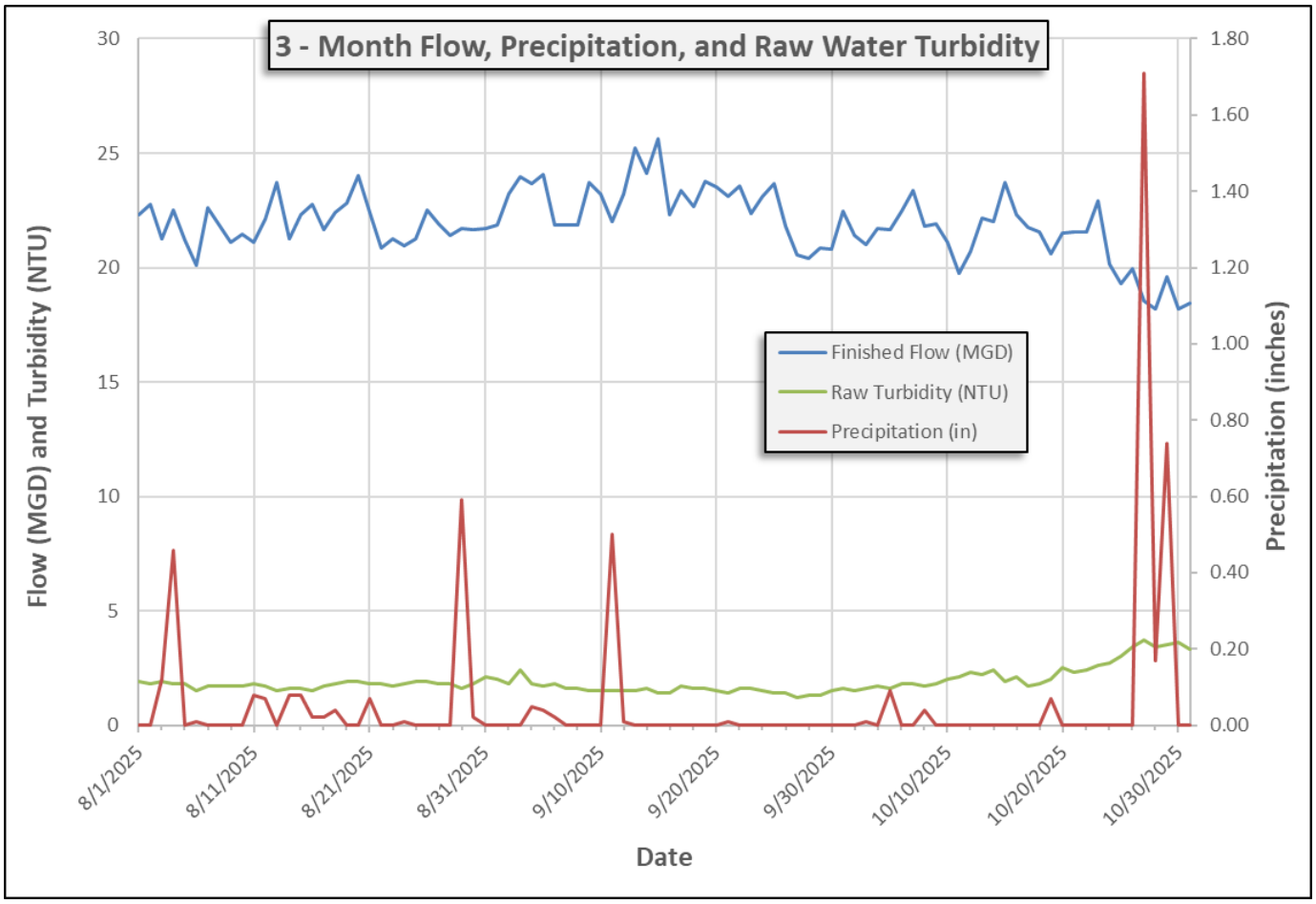
- Removed 128 tons of sludge for the month of October and 220 tons total
- Raw 4 pump has been placed back in service
- 11 valves have been replaced at Clemson Booster Station for the current SCIIP project

In addition to water quality sampling for the Lake Hartwell Water Treatment Plant, Anderson Regional Water staff processed 244 Total Coliform distribution samples for local entities during the month of October.

Water Quality Data

	Raw	Settled	Finished
pH	6.85	6.62	7.11
Turbidity (NTU) Range	1.5 – 3.7	0.40 – 0.82	0.03 – 0.03
Turbidity (NTU) Average	2.32	0.55	0.03
Turbidity (NTU) Exceedance	-	0%	0%
Total Organic Carbon	1.68	-	0.84
Fluoride Average (ppm)	-	-	0.62
Phosphate Average (ppm)	-	-	0.45
Residual Disinfectant (ppm)	-	-	1.80
TTHM (DBP)	-	-	5.2 ppb
Methylisoborneol (MIB)	38.8 NG/L	-	<1.0 NG/L
Geosmin	5.6 NG/L	-	<1.0 NG/L

Weather Data



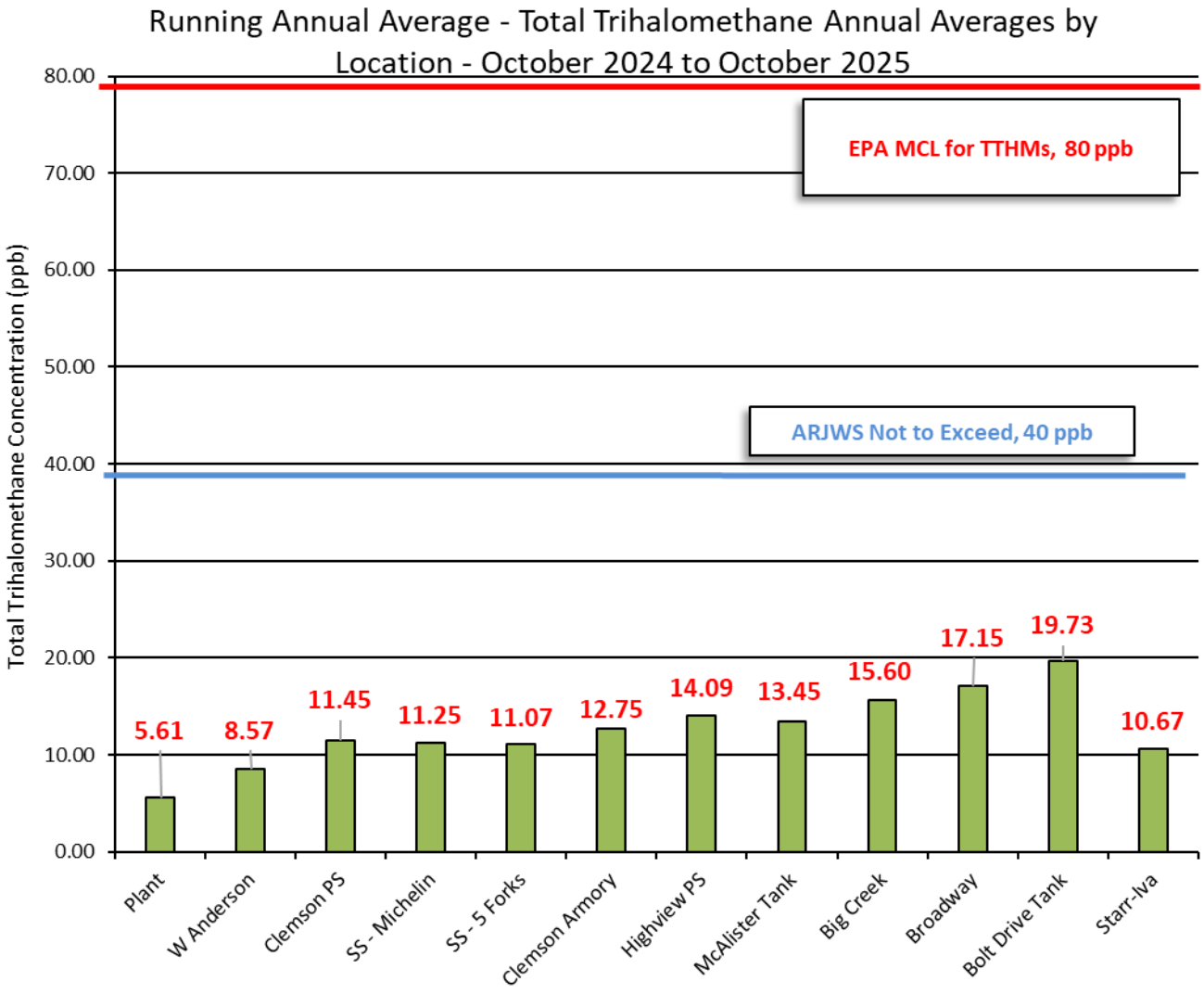
	Minimum	Maximum	Total
Rainfall	0.00 in.	1.71 in.	2.83 in.
Temperature	86.5° F	41.9° F	N/A
Humidity	26%	99%	N/A

Water Production Data

	Average	Minimum	Maximum	Total
Raw Water	23,238,000	19,040,000	26,641,000	720,393,000
Finished Water	21,076,000	18,179,000	23,723,000	653,348,000
Finished Max Capacity	43.9%	37.9%	49.4%	

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 October, ARJWS treated 653,348,000 gallons of water at a power cost of $121.12 per million gallons produced. The 12-month running annual average is currently $112.61.

Monthly Power Consumption Data

Month	On Peak kWh	Off Peak kWh	Total kWh	Finished Water MG	$/ MG	12 month Average
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
Oct – 25	227,280	1,136,296	1,363,576	653.3	$121.12	$112.61

Water Quality Strategic Planning

For the month of October, 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