



900 Magazine Rd.  
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## **SOUTH CENTRAL WASTEWATER AUTHORITY Board of Directors Meeting**

DATE: July 17, 2025

TIME: 2:00 pm

LOCATION: **Appomattox River Water Authority**  
Board Room, Administration Building  
21300 Chesdin Road  
S. Chesterfield, VA 23803

### **AGENDA**

1. Call to Order/Roll Call
2. Approval of Minutes: Minutes of the Board Meeting held on May 15, 2025 (Exhibit A, Pages 2 to 3)
3. Public Comment (Exhibit B, Page 4)
4. Executive Director's Report:
  - Nutrient Reduction Project Update (Exhibit C, Page 5 to 7)
  - Status Report (Exhibit D, Pages 8 to 12)
  - Financials
5. Items from Counsel
6. Closed Meeting
7. Other items from Board Members/Staff Not on Agenda
8. Adjourn

**BOARD OF DIRECTORS MEETING**  
**South Central Wastewater Authority**  
**May 15, 2025, at 2:00 p.m.**  
**Location: Appomattox River Water Authority**  
**21300 Chesdin Rd. South Chesterfield, VA 23803**

**MEMBERS PRESENT:**

Doug Smith, Chairman (Colonial Heights)  
Joseph Casey, (Chesterfield)  
March Altman, (Petersburg)  
Jeff Stoke, (Prince George)

**STAFF PRESENT:**

Robert B. Wilson, Executive Director, (ARWA & SCWWA)  
James C. Gordon, Asst. Executive Director (ARWA & SCWWA)  
Kelley Kemp, (Sands Anderson PC)  
Melissa Wilkins, Business Manager/FOIA (ARWA & SCWWA)  
Tiffanee Rondini, Administrative Assistant (ARWA & SCWWA)

**ALTERNATES PRESENT:**

Eddie Pearson, (Alternate, Dinwiddie)  
Frank Haltom, Secretary/Treasurer (Alternate, Prince George)  
George Hayes, (Alternate, Chesterfield)

**ABSENT:**

Todd Flippen, (Alternate, Colonial Heights)  
Jerry Byerly, (Alternate Petersburg)  
Matt Rembold, (Alternate, Chesterfield)  
Kevin Massengill, Vice Chairman (Dinwiddie)

The SCWWA meeting was called to order by Mr. Smith, Chairman, at 2:04 p.m.

**1. Call to Order/Roll Call**

**The roll was called:**

**Participating members at the table were:**

<b>Doug Smith</b>	<b>Present</b>
<b>Eddie Pearson</b>	<b>Present</b>
<b>Joseph Casey</b>	<b>Present</b>
<b>Frank Haltom</b>	<b>Present</b>
<b>March Altman</b>	<b>Present</b>

**2. Approval of Minutes: Minutes of the Regular Meeting of the Board on March 20, 2025**

Upon a motion made by Mr. Haltom and seconded by Mr. Altman the following resolution was adopted:

**RESOLVED, that the Minutes of the Regular Meeting of the Board on March 20, 2025, are hereby approved:**

**For:     5            Against:     0            Abstain:     0**

Mr. Smith formally introduced and welcomed Kelley Kemp from Sands Anderson PC, the Authority's new legal counsel.

**3. Public Comment**

There were no public comments.

**4. Executive Director's Report:**

- **Nutrient Project Update**

Mr. Gordon reported on the Nutrient Reduction Project updates since the last Board meeting.

- **Status Report**

Mr. Gordon reviewed the status report included in the Board Package. Mr. Gordon stated that due to parking limitations during the upgrade construction at South Central Wastewater Authority staff would like to request that all future Board meetings for South Central Wastewater Authority be conducted at Appomattox River Water Authority until construction completion and if the Board is in agreement, that change will be noted on the website. The consensus of the Board was to move forward with having the meetings at the Appomattox River Water Authority with the appropriate public meeting postings and notifications.

- **Financials**

Ms. Wilkins reported on the financials.

**5. Items from Counsel**

There were no items from counsel.

**6. Closed Session**

There were no closed sessions.

**7. Other Items from Board Members/Staff Not on Agenda**

There were no other items.

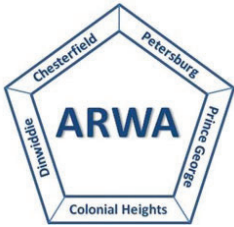
**8. Adjourn**

Mr. Smith stated, if there is no other business, he would entertain a motion to adjourn.

Upon a motion by Mr. Altman and seconded by Mr. Pearson the meeting was adjourned at 2:27 p.m.

MINUTES APPROVED BY:

Frank Haltom/Secretary/Treasurer



APPOMATTOX RIVER WATER AUTHORITY  
21300 Chesdin Road  
Petersburg, VA 23803



SOUTH CENTRAL WASTEWATER AUTHORITY  
900 Magazine Road  
Petersburg, VA 23803

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### **GUIDELINES FOR PUBLIC COMMENT AT SCWWA/ARWA BOARD OF DIRECTORS MEETINGS**

If you wish to address the SCWWA/ARWA Board of Directors during the time allocated for public comment, please raise your hand or stand when the Chairman asks for public comments.

Members of the public requesting to speak will be recognized during the specific time designated on the meeting agenda for "Public Comment Period." Each person will be allowed to speak for up to three minutes.

When two or more individuals are present from the same group, it is recommended that the group designate a spokesperson to present its comments to the Board and the designated speaker can ask other members of the group to be recognized by raising their hand or standing. Each spokesperson for a group will be allowed to speak for up to five minutes.

During the Public Comment Period, the Board will attempt to hear all members of the public who wish to speak on a subject, but it must be recognized that on rare occasion presentations may have to be limited because of time constraints. If a previous speaker has articulated your position, it is recommended that you not fully repeat the comments and instead advise the Board of your agreement. The time allocated for speakers at public hearings are the same as for regular Board meeting, although the Board can allow exceptions at its discretion.

Speakers should keep in mind that Board of Directors meetings are formal proceedings and all comments are recorded on tape. For that reason, speakers are requested to speak from the podium and wait to be recognized by the Chairman. In order to give all speakers proper respect and courtesy, the Board requests that speakers follow the following guidelines:

- Wait at your seat until recognized by the Chairman;
- Come forward and state your full name and address. If speaking for a group, state your organizational affiliation;
- Address your comments to the Board as a whole;
- State your position clearly and succinctly and give facts and data to support your position;
- Summarize your key points and provide the Board with a written statement or supporting rationale, when possible;
- If you represent a group, you may ask others at the meeting to be recognized by raising their hand or standing;
- Be respectful and civil in all interactions at Board meetings;
- The Board may ask speakers questions or seek clarification, but recognize that Board meetings are not a forum for public debate; Board Members will not recognize comments made from the audience and ask that members of the audience not interrupt the comments of speakers and remain silent while others are speaking so that other members in the audience can hear the speaker;
- The Board will have the opportunity to address public comments after the Public Comment Period has been closed;
- At the request of the Chairman, the Executive Director may address public comments after the session has been closed as well; and
- As appropriate, staff will research questions by the public and respond through a report back to the Board at the next regular meeting of the full Board. It is suggested that citizens who have questions for the Board or staff submit those questions in advance of the meeting to permit the opportunity for some research before the meeting.



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## EXHIBIT C

TO: South Central Wastewater Authority Board of Directors

FROM: Robert B. Wilson, Executive Director  
James C. Gordon, Assistant Executive Director

DATE: July 17, 2025

SUBJECT: Nutrient Reduction Project Update

The following tasks have been performed since the last board meeting:

- Project Funding
  - Staff has been working through the ARPA reimbursement requisition #002 (REQ #002) with DEQ. DEQ has questioned a few of the items included in the requisition. The items in question were related to legal and lobbying expenses. The questioned expenses were removed from the requisition request. REQ #002 was originally submitted on February 12<sup>th</sup>. Once REQ #002 has been accepted for reimbursement SCWWA will submit requisition #003. We are continuing to pay contractor invoices with the Capital Reserve Account.
  - Staff has provided DEQ with updated project cash flow estimates for both ARPA funds and for the SCWWA's Water Quality Improvement Fund (WQIF). There has been a recent turn over in DEQ staff who are working with SCWWA staff to finalize the WQIF amendment. In our communications, SCWWA has consistently presented and documented throughout this project and reiterated at the April 28<sup>th</sup> meeting, the ARPA grant funds, ENRCPP-05 and ENRCPP-06, exceed the pre-ARPA calculated WQIF local share by approximately \$22 million. That surplus, \$22 million, is being applied to the Commonwealth's WQIF obligation thereby reducing the WQIF obligation from approximately \$183 million to \$161 million. This, in turn, reduces the amendment amount to WQIF Contract #: 440-S-20-03. This reduction means some of the line-item percent eligible nutrient costs in the WQIF Contract will need to be increased administratively to balance the line-items. SCWWA has also included AquaLaw in our communication with DEQ to provide legal advice and guidance for the amendment discussion and negotiation.
- Phase 1 NRP Sludge Conditioning Building
  - Construction meetings were held on May 29, 2025 and June 26, 2025.
  - The temporary gravity belt thickeners (GBTs) and belt filter presses (BFPs) were delivered and offloaded on the SCWWA's sludge storage pad the week of June 23<sup>rd</sup>. The temporary lime feed system is expected to be delivered the week of July 7<sup>th</sup>. Once

everything is onsite it will take several weeks to setup and test the system before the SCWWA's solids conditioning building can be handed over to MEB for demolition and installation of the NRP improvements.

- SCWWA has received the final delivery of the lime and sludge conveyance equipment purchased from Schwing Bioset Inc. The final delivery was received on June 20<sup>th</sup>. Per the contract modification, the sludge conveyance and blending equipment is 108 days late and the lime conveyance equipment is 146 days late. The contract set liquidated damages (LDs) at \$1,000 for each day each of these systems was delayed. Total LDs for this SBI equipment come to \$254,000. The original price for the equipment was \$1,023,910, SCWWA has already paid \$409,564, leaving a balance of \$614,346. Sherwood Logan (SBI regional sales representative) paid \$427,496 to SBI to expedite the SCWWA equipment leaving a balance of \$186,850 with SBI. Sherwood Logan has submitted an invoice for the \$427,496.00 payment they made.
- Columbia Gas has disconnected natural gas for the SCWWA site outside the fence. This was requested by SCWWA to remove underground conflicts with the new truck scales, relocated site utilities and the new South Tank. SCWWA and MEB are discussing heating the solids building after construction is complete. These options include running a private gas line to the solids building or providing infrared heating for the main portion of the solids conditioning building. The reason that infrared heating is being considered is that there are required air changes in the building and infrared would heat the surfaces and not air being pulled out of the building.
- Phase 2 NRP Electrical Feed and Distribution
  - Construction meetings were held on May 29, 2025 and June 26, 2025.
  - Piles have been installed in all locations.
  - ECS, special inspections inspector, has been onsite monitoring the pile installation for the SCWWA.
  - Discussions continue with Dominion Energy to provide two new services and resolve conflicts with the existing primary feed. A meeting between SCWWA, Dominion Energy, WW Associates, and MEB was held at the SCWWA on June 18<sup>th</sup>. Dominion Energy looked at potential routes to run electrical primary feeds to the new electrical buildings EB1 (next to the existing Headworks/Primary Tanks) and EB3 (back of the plant next to new filters). There is also a guy wire that conflicts with the installation of the new South Tank. Based on the discussion it appears SCWWA may need to install some conduit for the new primary feed runs and Dominion Energy will need to set a new pole to move the guy wire out of the conflict area. Dominion Energy is still in the process of designing the electrical feeds. This discussion is entering year three.

MEB also discussed a temporary service for a tower crane for Phase 5 for the construction of the South Tank. Dominion Energy reviewed the location and the power requirements for this service.

#### Phase 3 NRP Lift Station, Filter Building, and Clarifiers rehabilitation

- Construction meetings were held on May 29, 2025 and June 26, 2025.
- All piles has been installed for this phase of the project.
- Based on geotechnical data and potholing it appears some additional support for the duct bank and 60" pipe near the structure is needed. The area will be excavated during

the construction of the lift station and lifts with rock dust may provide the support needed. MEB and WW Associates are working through the details of this work.

- Shoring is being installed around the area for the lift station.
- Phase 4 NRP Headworks and Primary Tank Improvements
  - Construction meetings were held on May 29, 2025 and June 26, 2025.
  - The wall downstairs has been demolished and debris removed. Grinding and finishing work remains.
  - MEB has completed the installation of grout, chain and flights, and cross collector for Primary Clarifier 3. The sawtooth weirs for the overflow troughs are not the proper height. MEB has ordered the correct weirs with an approximate delivery date of 14 weeks. To move forward with the project the old sawtooth weirs were installed, and the new weirs will be installed later. Testing of the new Primary Clarifier 3 equipment was scheduled to begin the week of July 7<sup>th</sup>. After the tank was filled with Non-Potable Water (NPW), the scum troughs became flooded. The tank cannot be used at the current water elevation set in Primary Tank 3. MEB and WW Associates are working on a solution. Once resolved and after one week of successful testing, Primary Clarifier 2 will be handed over to MEB for the same improvements.
- Phase 5 NRP North and South Tank
  - Construction meetings were held on May 29, 2025 and June 26, 2025.
  - All City of Petersburg permits and approvals have been received for this phase of the project.
  - Chesterfield has approved the work in this phase and plans to incorporate it into the Phase 3 permit. MEB is waiting for the work to be incorporated for final approval.
- Building Improvements – NRP Phase 6
  - Construction meetings were held on May 29, 2025 and June 26, 2025.
  - Timber piles have been installed and the concrete slab for the new lab extension is complete.
  - SCWWA is currently reviewing and providing input on the layout of the new lab and operator's lab.
  - Norman Construction has the building and electrical permits in hand from the building inspector's office.
- Attachment C-1 is the updated expenditure analysis for the NRP through May 31, 2025. We are currently waiting on the partial payment requests through June 30, 2025

Board Action Requested:

No action requested

## Attachment C-1

Sum of Amount	Column Labels		
Row Labels	58000-1 · Nutrient Upgrade-Engineering	58000-2 · Nutrient Upgrade-Equipment	58000-3 · Nutrient Upgrade-Solids Handlin
<b>Alfa Laval, Inc.</b>		<b>\$946,714.00</b>	<b>\$946,714.00</b>
5734		\$142,007.10	\$142,007.10
5734		\$804,706.90	\$804,706.90
<b>AQUALAW PLC</b>	<b>\$28,343.50</b>		<b>\$28,343.50</b>
Aqua	\$17,874.50		\$17,874.50
Legal	\$10,469.00		\$10,469.00
<b>City of Petersburg</b>	<b>\$2,250.00</b>		<b>\$2,250.00</b>
City	\$2,250.00		\$2,250.00
<b>Comcast Cable Communications</b>		<b>\$2,194.64</b>	<b>\$2,194.64</b>
Cable		\$2,194.64	\$2,194.64
<b>Electric Power Systems</b>		<b>\$2,400.00</b>	<b>\$2,400.00</b>
5947		\$2,400.00	\$2,400.00
<b>Endress+Hauser</b>	<b>\$3,037.77</b>	<b>\$51,802.03</b>	<b>\$54,839.80</b>
5679	\$3,037.77		\$3,037.77
5914		\$51,802.03	\$51,802.03
<b>Hazen &amp; Sawyer</b>	<b>\$4,140,031.14</b>		<b>\$4,140,031.14</b>
5376	\$3,304,369.00		\$3,304,369.00
5845	\$656,420.46		\$656,420.46
Rebid	\$179,241.68		\$179,241.68
<b>McGuireWoods</b>	<b>\$134,773.98</b>		<b>\$134,773.98</b>
Legal	\$76,866.75		\$76,866.75
Contract	\$57,907.23		\$57,907.23
<b>McGuireWoods Consulting</b>	<b>\$25,789.98</b>		<b>\$25,789.98</b>
5906	\$20,000.00		\$20,000.00
Legal	\$5,789.98		\$5,789.98
<b>Schwing Bioset</b>			<b>\$409,564.00</b>
5723			\$392,960.00
5723			\$16,604.00
<b>Sherwood Logan</b>			<b>\$83,683.00</b>
5725			\$83,683.00
<b>W W Associates</b>	<b>\$2,403,035.48</b>		<b>\$2,403,035.48</b>
5975	\$521,875.00		\$521,875.00
ENR	\$11,485.00		\$11,485.00
WW Eng	\$450.00		\$450.00
5975	\$828,500.00		\$828,500.00
5997	\$233,750.00		\$233,750.00
5997	\$41,250.00		\$41,250.00
5987	\$171,000.00		\$171,000.00



6095	\$400,500.00			\$400,500.00
6130	\$25,000.00			\$25,000.00
6095	\$94,500.00			\$94,500.00
5987	\$34,000.00			\$34,000.00
6433	\$12,959.00			\$12,959.00
6433	\$27,766.48			\$27,766.48
<b>A &amp; R Electric, Inc.</b>	<b>\$67,050.00</b>	<b>\$249,064.00</b>		<b>\$316,114.00</b>
6105	\$67,050.00			\$67,050.00
5718		\$127,825.00		\$127,825.00
6301		\$14,000.00		\$14,000.00
5718		\$89,889.00		\$89,889.00
6243		\$17,350.00		\$17,350.00
<b>Airline Hydraulics</b>		<b>\$133,761.00</b>		<b>\$133,761.00</b>
5793		\$143,711.00		\$143,711.00
5793		-\$9,950.00		-\$9,950.00
<b>MEB General Contractors, Inc.</b>		<b>\$8,165,656.49</b>	<b>\$2,266,270.74</b>	<b>\$10,431,927.23</b>
6193			\$1,340,183.15	\$1,340,183.15
6319		\$319,105.00	\$140,600.00	\$459,705.00
6193			\$785,487.59	\$785,487.59
6383		\$543,436.10		\$543,436.10
6319		\$583,537.50		\$583,537.50
6383		\$152,712.50		\$152,712.50
6444		\$1,806,567.50		\$1,806,567.50
6464		\$1,793,464.09		\$1,793,464.09
6464		\$872,465.75		\$872,465.75
6444		\$2,094,368.05		\$2,094,368.05
<b>McGuireWoods</b>	<b>\$2,381.40</b>			<b>\$2,381.40</b>
Legal	\$2,381.40			\$2,381.40
<b>RLP Investments, LC</b>	<b>\$56,000.00</b>			<b>\$56,000.00</b>
Nutrient Credit	\$56,000.00			\$56,000.00
<b>Wilkins, Melissa (BOA)</b>	<b>\$1,999.00</b>			<b>\$1,999.00</b>
Compliance	\$1,999.00			\$1,999.00
<b>Norman Company, Inc.</b>		<b>\$130,573.19</b>		<b>\$130,573.19</b>
6529		\$130,573.19		\$130,573.19
<b>Columbia Gas-Process</b>	<b>\$9,257.00</b>			<b>\$9,257.00</b>
Site Preparation	\$9,257.00			\$9,257.00
<b>Grand Total</b>	<b>\$6,873,949.25</b>	<b>\$9,682,165.35</b>	<b>\$2,759,517.74</b>	<b>\$19,315,632.34</b>

Vendor	PO #	Original Amount	YTD Expenditures	Remaining
A&R Electric	5718	\$ 217,714.00	\$ 217,714.00	\$ -
A&R Electric	6105	\$ 67,050.00	\$ 67,050.00	\$ -
A&R Electric	6243	\$ 17,350.00	\$ 17,350.00	\$ -
A&R Electric	6301	\$ 18,000.00	\$ 14,000.00	\$ 4,000.00
Alfa Laval	5734	\$ 946,714.00	\$ 946,714.00	\$ -
Carter Machinery	6255	\$ 1,095,764.25	\$ -	\$ 1,095,764.25
EAT-N/Airline Hydraulics	5793	\$ 133,761.00	\$ 133,761.00	\$ -
Electric Power Systems	5947	\$ 3,600.00	\$ 2,400.00	\$ 1,200.00
Endress+Hauser	5679	\$ 3,037.77	\$ 3,037.77	\$ -
Endress+Hauser	5914	\$ 51,802.03	\$ 51,802.03	\$ -
Hazen & Sawyer	5376	\$ 3,316,735.00	\$ 3,304,369.00	\$ 12,366.00
Hazen & Sawyer	5845	\$ 656,420.46	\$ 656,420.46	\$ -
McGuireWoods Consulting	5906	\$ 20,000.00	\$ 20,000.00	\$ -
MEB General Contractors Phase 1	6193	\$ 10,195,345.06	\$ 2,125,668.74	\$ 8,069,676.32
MEB General Contractors Phase 2	6319	\$ 4,464,139.12	\$ 1,043,242.50	\$ 3,420,896.62
MEB General Contractors Phase 4	6383	\$ 2,169,000.00	\$ 747,518.60	\$ 1,421,481.40
MEB General Contractors Phase 3	6444	\$ 57,688,362.56	\$ 3,900,935.55	\$ 53,787,427.01
MEB General Contractors Phase 5	6464	\$ 98,917,000.00	\$ 2,665,929.84	\$ 96,251,070.16
Norman Compnay	6529	\$ 4,894,000.00	\$ 130,573.19	\$ 4,763,426.81
Schwing Bioset	5723	\$ 1,023,910.00	\$ 409,564.00	\$ 614,346.00
Sherwood Logan	5725	\$ 83,683.00	\$ 83,683.00	\$ -
WW Associates	5975	\$ 3,650,000.00	\$ 1,350,375.00	\$ 2,299,625.00
WW Associates	5987	\$ 205,000.00	\$ 205,000.00	\$ -
WW Associates	5997	\$ 275,000.00	\$ 275,000.00	\$ -
WW Associates	6095	\$ 495,000.00	\$ 495,000.00	\$ -
WW Associates	6130	\$ 25,000.00	\$ 25,000.00	\$ -
WW Associates	6433	\$ 520,442.00	\$ 40,725.48	\$ 479,716.52
WW Associates	6478	\$ 7,875.00	\$ -	\$ 7,875.00
		<b>\$ 191,161,705.25</b>	<b>\$ 18,932,834.16</b>	<b>\$ 172,228,871.09</b>
Aqualaw PLC	Aqua	\$ -	\$ 28,343.50	\$ -
City of Petersburg	City	\$ -	\$ 2,250.00	\$ -
Comcast Cable	Cable	\$ -	\$ 2,194.64	\$ -
Hazen & Sawyer	Rebid	\$ -	\$ 179,241.68	\$ -
McGuireWoods	Legal	\$ -	\$ 79,248.15	\$ -
McGuireWoods Consulting	Legal	\$ -	\$ 5,789.98	\$ -
McGuireWoods	Contract	\$ -	\$ 57,907.23	\$ -
RLP Investments	Nutrient Purchase	\$ -	\$ 56,000.00	\$ -
WW Associates	ENR	\$ -	\$ 11,485.00	\$ -
WW Associates	WW Eng	\$ -	\$ 450.00	\$ -
Federal Processing Registry	Federal Processing Registry	\$ -	\$ 1,999.00	\$ -
Columbia Gas	Pipeline Relocation	\$ -	\$ 9,257.00	\$ -
		\$ -	\$ 434,166.18	\$ -
		<b>\$ 191,161,705.25</b>	<b>\$ 19,367,000.34</b>	<b>\$ 172,228,871.09</b>



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## EXHIBIT D

TO: South Central Wastewater Authority Board of Directors

FROM: Robert B. Wilson, P.E., Executive Director  
James C. Gordon, Assistant Executive Director

DATE: July 17, 2025

SUBJECT: Status Report

This report hits the highlights and does not cover the day-to-day maintenance or preventive maintenance summaries.

The following is an update for plant operations.

### ➤ General

- The next Board of Directors meeting is Thursday, September 18<sup>th</sup>, at the Appomattox River Water Authority at 2:00 pm.
- Septage revenues were:

Month	Septage
May	\$13,160
June	\$11,515
- SCWWA's annual total nitrogen (TN) waste load allocation (WLA) is 350,239 lbs. TN discharged through June 2025 was 203,198 lbs. We have a contract with Chesterfield to purchase 50,000 credits to cover any WLA overage.
- SCWWA's annual total phosphorus (TP) WLA is 28,404 lbs. TP discharged through June 2025 was 12,178 lbs.
- The end of year flow reports have been sent to member utility director for confirmation. The flow data also includes the budgeted and redistributed O&M percentages based on the flows provided.
- Annual employee evaluations are completed, and letters regarded annual increases will be sent to employees prior to the July 15<sup>th</sup> payroll.
- An employee appreciation luncheon was held on July 1<sup>st</sup> in recognition of Water and Wastewater Professionals Day. The employee of the year was recognized at the luncheon. This year Brian Fields was recognized.

### ➤ Operations

- Plant effluent met all permit requirements for May and June 2025.
- Average daily effluent flows were:

Month	Average Effluent Flow (mgd)	Total Monthly Precipitation (inches)
May	14.651	7.19
June	11.400	3.28

- Adjusted plant treatment to remove foam from the aeration tanks. This occurs annually and the operators adjust as needed.
- Tested Win911 alarms to ensure new settings met their needs and limited false alarms.
- Cameron Meeks was promoted to senior operator and has taken on the role of Senior Operator Floater.
- Darrel McCabe a retired Class 1 Senior Operator passed away on July 1<sup>st</sup>.

➤ Maintenance

- Constructed and installed new Programmable Logic Computers (PLCs) at the bar screens. Updated the level indicators and program. PLCs were tested and put into service.
- Obtained new software for Siemens levels controllers and arranged training for staff. ARWA staff participated in the training.
- Maintaining operation of the solids building. Several hours are needed each day to maintain this operation until the temporary systems are online. We recently replaced the belts to the lime conveyors. The HVAC in the solids motor control center (MCC) stopped working during the high heat causing several drives to fault. A floor HVAC unit was put in place to provide temporary air conditioning.
- Installed cage wall in the back section of the file storage room in blower building. This created a secure area for the new server room.

➤ SI-IT

- OT server space has been built out. New servers and server racks have been installed in the new secured space.
- A third SCADA server has been installed and programmed. This will provide an additional layer of redundancy.
- A new Network Attached Storage (NAS) was added to replace an old and failing server. This is used for the server backup repository.
- Setup Win911 alarms based on operations input.
- Scheduled and oversaw switchgear breaker testing. Will be scheduling testing on the main breaker and spare breakers.
- Setup Human Machine Interface (HMI) with Real Time Automation Controller (RTAC) screen to provide plant with information on power feeding the facility.
- Flashed PLCs to their Erasable Programmable Read-Only Memory (EPROM) to save the latest program update in the event of a power failure.
- Updated firewalls to the latest versions.

➤ Laboratory/Industrial Pretreatment

- The lab passed all but one proficiency test (PT). A replacement ammonia test was ordered and successfully analyzed. Results were submitted to the Department of Consolidated Laboratory Services with a corrective action report.
- Final permit has been issued to Novo Nordisk (formerly AMPAC).
- Whole Effluent Toxicity (WET) sampling is scheduled for the week of July 14<sup>th</sup>.