






Washington County Service Authority Board of Commissioners
July 26, 2021 Annual Board Meeting Minutes

Agenda Item: 1  COMMUNICATION	Call the Meeting to Order
Presenter(s):	Chairman
End Time:	5:58 pm

Agenda Item: 2  COMMUNICATION	Roll Call
Presenter(s):	Chairman
Present:	Mr. Thayer, Mr. Taylor, Mr. D. Miller, Mr. Campbell, Mr. Hutton, Mrs. C. Miller and Mr. Hutton
Absent:	None
End Time:	5:59 pm


Agenda Item: 3  COMMUNICATION	Prayer and Pledge of Allegiance
Presenter(s):	Mrs. C. Miller led in prayer and the Pledge of Allegiance
Beginning Time:	5:59 pm
End Time:	5:59 pm


Agenda Item: 4  COMMUNICATION	Approval of the Amended Agenda
Presenter(s):	Chairman
Beginning Time:	5:59 Pm
Potential Conflict(s) of Interest and Abstention(s):	None
Actual Motion:	Approve the Amended Agenda as presented.
Motion By:	Mr. D. Miller
Second By:	Mr. Thayer
Voting:	Ayes: 7
	Nays: 0
	Abstain: 0
End Time:	6:01 pm

Agenda Item: 5  COMMUNICATION	Public Query and Comment
Presenter(s):	Chairman
Beginning Time:	6:01 pm
Potential Conflict(s) of Interest and Abstention(s):	None

Washington County Service Authority Board of Commissioners
July 26, 2021 Annual Board Meeting Minutes


Speakers:	Doris Sheffield 7697 Crescent Road in Glade Spring, VA expressed concern about her increased water usage.
Discussion:	James Denton will follow up with her on July 27, 2021 to access the issue.
Actual Motion:	None
Motion By:	
Second By:	
Voting:	Ayes:
	Nays:
	Abstain:
End Time:	6:10 pm


Agenda Item: 6  COMMUNICATION	Approval of the Consent Agenda
Presenter(s):	Chairman
Beginning Time:	6:10 pm
Potential Conflict(s) of Interest and Abstention(s):	None
Discussion:	Mrs. Shaffer asked the Board to consider an amendment to the June 28, 2021 Regular Meeting Minutes.
On the Record:	None
Actual Motion:	Approve the Consent Agenda including the amendment to the minutes as requested.
Motion By:	Mrs. C. Miller
Second By:	Mr. Thayer
Voting:	7
Ayes:	
Nays:	0
Abstain:	0
End Time:	6:11 pm

Agenda Item: 7  COMMUNICATION	Legal Counsel Report and Update
Presenter(s):	Thomas Dene
Beginning Time:	6:11 pm
Potential Conflict(s) of Interest and Abstention(s):	None
Discussion:	Mr. Dene had nothing to report in open meeting.
Actual Motion:	None
Motion By:	
Second By:	
Voting:	Ayes:


Washington County Service Authority Board of Commissioners
July 26, 2021 Annual Board Meeting Minutes


Nays:	
Abstain:	
End Time:	6:11 pm

Agenda Item: 8  COMMUNICATION	General Manager Report and Update
Presenter(s):	Robbie Cornett
Beginning Time:	6:11 pm
Potential Conflict(s) of Interest and Abstention(s):	None
Discussion:	Mr. Cornett's report is attached.
On the Record:	Since the lobby isn't open to the public Mrs. Miller thought it would be beneficial to have a live person to answer the phones.
Actual Motion:	None
Motion By:	
Second By:	
Voting:	Ayes:
	Nays:
	Abstain:
End Time:	6:24 pm

Agenda Item: 9  COMMUNICATION	Operations Manager Report and Update
Presenter(s):	Drew Langston and James Denton.
Beginning Time:	6:24 pm
Potential Conflict(s) of Interest and Abstention(s):	None
Discussion:	Presentations reviewed by Mr. Langston and Mr. Denton are attached.
On the Record:	Mr. D. Miller asked about the quality of Scott Counties water. Mr. Campbell welcomed Mr. Jim Hutton to the Board.
Actual Motion:	None
Motion By:	
Second By:	
Voting:	Ayes:
	Nays:
	Abstain:
End Time:	7:09 pm


Washington County Service Authority Board of Commissioners
July 26, 2021 Annual Board Meeting Minutes

Agenda Item: 10  INFRASTRUCTURE	Engineering Report / Construction Projects Update
Presenter(s):	Ryan Kiser
Beginning Time:	7:10 pm
Potential Conflict(s) of Interest and Abstention(s):	
Discussion:	<p>Mr. Kiser updated the Board on the following projects:</p> <ul style="list-style-type: none"> • Hidden Valley Road Phase 2 • Abingdon Water Storage Tank • Galvanized Line Phase 3 • The 7 Waterline Extension Projects • Lee Highway Corridor Sewer Project • Cherry Street Sewer Project • Revised Easements for Galvanized Line Phase 3 • VDOT Waterline Relocation Project • An amendment and task order with Thompson and Litton • Office and Board Room improvements
On the Record:	None
Actual Motion:	None
Motion By:	
Second By:	
Voting: Ayes:	
Nays:	
Abstain:	
End Time:	7:20 pm


Agenda Item: 11  COMMUNICATION	Financial Report and Update
Presenter(s):	Rusty Little
Beginning Time:	7:20 pm
Potential Conflict(s) of Interest and Abstention(s):	None
Discussion:	Mr. Little said financials were unavailable as the accounting department was working on year end and the audit.
On the Record:	None
Actual Motion:	None
Motion By:	
Second By:	
Voting: Ayes:	


Washington County Service Authority Board of Commissioners
July 26, 2021 Annual Board Meeting Minutes

Nays:	
Abstain:	
End Time:	7:21 pm

Agenda Item: 12  COMMUNICATION	Election of Officers for August 2021 through July 2022
Presenter(s):	Chairman/General Manager
Beginning Time:	7:21 pm
Potential Conflict(s) of Interest and Abstention(s):	None
Discussion:	None
On the Record:	The Chairman asked Mr. Cornett to take over the election of officers. Mr. Cornett opened the floor for nominations of Chairman.
Actual Motion:	Motion to elect Mr. Campbell as Chairman.
Motion By:	Mr. Taylor
Second By:	Mr. Hutchinson
Voting: Ayes:	6
Nays:	0
Abstain:	1 (Mr. Campbell)
Actual Motion:	Motion to elect Mr. D. Miller for Vice-Chairman.
Motion By:	Mr. Taylor
Second By:	Mrs. C. Miller
Voting: Ayes:	6
Nays:	0
Abstain:	1 (Mr. D. Miller)
On the Record:	The Chairman took over for the election of officers.
Actual Motion:	Motion to elect Robbie Cornett as Secretary, Rusty Little as Treasurer and Carol Ann Shaffer as Assistant Secretary.
Motion By:	Mr. D. Miller
Second By:	Mr. Thayer
Voting: Ayes:	7
Nays:	0
Abstain:	0
End Time:	7:21 pm


Washington County Service Authority Board of Commissioners
July 26, 2021 Annual Board Meeting Minutes

Agenda Item: 13  COMMUNICATION	Consideration of Committee Appointments
Presenter(s):	Chairman
Beginning Time:	7:26 pm
Potential Conflict(s) of Interest and Abstention(s):	
Discussion:	None
On the Record:	None
Actual Motion:	Motion for Mr. Taylor, Mrs. C. Miller and Mr. Cornett to continue to serve on the Chilhowie Steering Committee:
Motion By:	Mr. Hutchinson
Second By:	Mr. D. Miller
Voting: Ayes:	7
Nays:	0
Abstain:	0
Actual Motion:	Motion for Mr. Thayer and Mr. Hutchinson to serve on the Dispute Committee: with Mr. Hutton serving on an on-call basis.
Motion By:	Mr. Hutchinson
Second By:	Mr. Taylor
Voting: Ayes:	7
Nays:	0
Abstain:	0
Actual Motion:	Nominate Mrs. C. Miller to serve on the Hospitality Committee.
Motion By:	Mr. D. Miller
Second By:	Mr. Thayer
Voting: Ayes:	7
Nays:	0
Abstain:	0
End Time:	7:34 pm


Agenda Item: 14  COMMUNICATION	Consideration of the 2021-2022 WCSA Regular Board Meeting Schedule and 2022-2023 Annual Meeting Schedule
Presenter(s):	Chairman
Beginning Time:	7:34 pm
Potential Conflict(s) of Interest and Abstention(s):	None
Discussion:	There was discussion among the Board regarding dates for the December 2021 and January 2022 meetings.
On the Record:	None


Washington County Service Authority Board of Commissioners
July 26, 2021 Annual Board Meeting Minutes

Actual Motion:	<p>Motion to approve the following meeting dates:</p> <p><u>2021-2022 Regular Meetings:</u></p> <ol style="list-style-type: none"> 1. August 23, 2021 2. September 27, 2021 3. October 25, 2021 4. November 15, 2021 5. January 24, 2022 6. February 28, 2022 7. March 28, 2022 8. April 25, 2022 9. May 23, 2022 10. June 27, 2022 <p><u>2022-2023 Annual Meeting:</u></p> <ol style="list-style-type: none"> 11. July 25, 2022
Motion By:	Mr. Thayer
Second By:	Mr. Hutchinson
Voting:	Ayes: 7
	Nays: 0
	Abstain: 0
End Time:	7:41 pm

Agenda Item: 15  COMMUNICATION	<p>Consideration of a Resolution Authorizing the General Manager to do all Things Necessary to Approve Bond Resolutions for the Galvanized Waterline Project Phase 3 and the Abingdon Water Storage Tank</p>
Presenter(s):	Rusty Little
Beginning Time:	Pm
Potential Conflict(s) of Interest and Abstention(s):	None
Discussion:	None
On the Record:	Mr. Little recommended tabling this item to August meeting
Actual Motion:	None
Motion By:	
Second By:	
Voting:	Ayes:
	Nays:
	Abstain:
End Time:	7:42 pm


Washington County Service Authority Board of Commissioners
July 26, 2021 Annual Board Meeting Minutes

Agenda Item: 16  COMMUNICATION	Consideration of a WCSA Employee Engagement (Picnic) Budget Amendment
Presenter(s):	Rusty Little
Beginning Time:	7:42 pm
Potential Conflict(s) of Interest and Abstention(s):	None
Background:	Due to the COVID pandemic, the 2020 annual company picnic was postponed and there was no amount budgeted for this item. In preparation of the 2021-2022 budget, I failed to capture an amount for the annual picnic. Looking back at prior years we had allocated \$7,000 towards this event. The Hospitality Committee has decided to have an Employee Appreciation Week this year instead of a company picnic. If the Board approves, we are planning to have an employee dinner on Tuesday, September 14 th and give away prized every day that week.
Discussion:	Consideration of Budget Amendment for \$7,000 for Employee Appreciation Week
On the Record:	None
Proposed Motion:	Move to approve the 2021-2022 budget amendment to include \$7,000 for this year's Employee Appreciation Week.
Actual Motion:	Motion to approve the proposed motion as stated.
Motion By:	Mr. Taylor
Second By:	Mr. Hutton
Voting:	Ayes: 7
	Nays: 0
	Abstain: 0
End Time:	7:46 pm


Agenda Item: 17  COMMUNICATION	Consideration of Cyber Coverage with Virginia Risk Sharing Authority				
Presenter(s):	Rusty Little				
Beginning Time:	7:46 pm				
Potential Conflict(s) of Interest and Abstention(s):	None				
Discussion:	<p>Management presented the commercial insurance proposals for the 2021-2022 fiscal year at the June Board Meeting. After review and discussion, the Board accepted the proposal provided by VRSA and instructed management to research the feasibility of acquiring a stand-alone policy for Cyber coverage that would provide greater coverage amounts than the \$1 million that VRSA would provide. WCSA completed additional questionnaires and applications and received quotes from Alliant. Alliant priced coverage as follows:</p> <table> <tr> <td>\$2 million</td><td>\$12,877.45</td></tr> <tr> <td>\$3 million</td><td>\$15,888.42</td></tr> </table>	\$2 million	\$12,877.45	\$3 million	\$15,888.42
\$2 million	\$12,877.45				
\$3 million	\$15,888.42				

Washington County Service Authority Board of Commissioners
July 26, 2021 Annual Board Meeting Minutes

	VRSA is providing \$1million of Cyber coverage for \$2,981. Management had internal discussions and believes that the most prudent path would be to pursue self-insurance for the additional \$1 million through designated reserves. Management will also have additional conversations with VRSA about the possibility of adding additional coverage amounts in future years.
On the Record:	None
Recommendations:	Subject to answering any questions the Board may have, Staff kindly recommends the Board favorably consider approving the plan to remain with VRSA for the \$1 million in Cyber coverage, and to designate reserves of \$1 million as a self-insurance buffer.
Proposed Motion:	Move to approve keeping the current proposed amount of Cyber coverage with VRSA of \$1 million, and to self-insure up to \$1 million with designated reserves.
Actual Motion:	Motion to approve as recommended
Motion By:	Mr. Thayer
Second By:	Mrs. C. Miller
Voting:	Ayes: 7
	Nays: 0
	Abstain: 0
End Time:	7:53 pm

Agenda Item: 18  COMMUNICATION	Consideration of Abingdon Water Storage Tank Change Order # 4
Presenter(s):	Ryan Kiser
Beginning Time:	7:53 pm
Potential Conflict(s) of Interest and Abstention(s):	None
Discussion:	Mr. Kiser reviewed details of Change Order 4 in the amount of \$17,441.83 with an additional 36 days for the valve install and the epoxy coating and an additional 5 weather days (41 additional days total). Mr. Kiser then described an ongoing issue since 2013 from the Exit 13 Force Main Project on Vances Mill Road in Abingdon he was recently made aware of.
On the Record:	None
Actual Motion:	Motion to approve Change Order # 4
Motion By:	Mr. D. Miller
Second By:	Mr. Thayer
Voting:	Ayes: 7
	Nays: 0
	Abstain: 0
End Time:	8:02 pm

**Washington County Service Authority Board of Commissioners
July 26, 2021 Annual Board Meeting Minutes**

Agenda Item: 19  COMMUNICATION	Closed Meeting
Presenter(s):	Commissioner
Beginning Time:	8:02 pm
Potential Conflict(s) of Interest and Abstention(s):	None
On the Record:	None
Actual Motion:	Motion to Adjourn to Closed Meeting
Motion By:	Mr. D. Miller
Second By:	Mrs. C. Miller
Voting:	Ayes: 7
	Nays: 0
	Abstain: 0
End Time:	8:04 pm

**WASHINGTON COUNTY SERVICE AUTHORITY
BOARD OF COMMISSIONERS
Closed Meeting July 26, 2021**

Mr. D. Miller moved that the Board of Commissioners of the Washington County Service Authority adjourn to Closed Meeting in accordance with the Virginia Freedom of Information Act for

1. Code of Virginia Section 2.2-3711 Paragraph (A) (1): Personnel

Discussion and consideration of the performance of an appointee of the Board of Commissioners of the Washington County Service Authority, and specifically involving the annual performance review of the General Counsel; and


2. Code of Virginia Section 2.2-3711 Paragraph (A) (8): Consultation with Legal Counsel

Consultation with legal counsel employed or retained by a public body regarding specific legal matters requiring the provision of legal advice by such counsel, and specifically involving probable and threatened litigation between the Town of Chilhowie and the contractor and/or manufacturer responsible for recent improvements to the Mill Creek Water Treatment Plant (Plant) relating to the installation of an Evpqua water filtration system, and the impact of same upon the Authority's operation of the Plant pursuant to an agreement with the Town of Chilhowie.

In addition to the Board of Commissioners the presence of Thomas Dene, WCSA General Counsel, and Robbie Cornett, WCSA General Manager, is requested.

Second: Mrs. C. Miller
Board Vote: 7-0

Washington County Service Authority Board of Commissioners
July 26, 2021 Annual Board Meeting Minutes

Agenda Item: 20  COMMUNICATION	Return to Open Meeting
Presenter(s):	Commissioner
Beginning Time:	10:37 pm
Potential Conflict(s) of Interest and Abstention(s):	None
On the Record:	None
Actual Motion:	Motion to return to Open Session
Motion By:	Mr. Taylor
Second By:	Mrs. C. Miller
Voting: Ayes:	7
Nays:	0
Abstain:	0
End Time:	10:39 pm

Return to Public Meeting

Mr. Taylor moved that the Board return to Open Session.

Second: Mrs. C. Miller

Board Vote: 7-0

Certification of Closed Meeting

Mr. D. Miller moved that the Board adopt the following resolution:

Whereas, the Board of Commissioners of the Washington County Service Authority has convened a Closed Meeting on this date pursuant to an affirmative recorded vote and in accordance with the provisions of the Virginia Freedom of Information Act;


And

Whereas, Section 2.2-3712 Paragraph D of the Code of Virginia requires a certification by this Authority that such Closed Meeting was conducted in conformity with Virginia law;

And

Now, therefore, be it resolved that the Board of Commissioners of the Washington County Service Authority hereby certifies that to the best of each member's knowledge, (1) only public business matters lawfully exempted from open meeting requirements by Virginia law were discussed in the Closed Meeting to which this certification resolution applies, and (2) only such public business matters as were identified in the motion convening the Closed Meeting were heard, discussed or considered by the Board.


AYE by Mr. Thayer, Mr. Taylor, Mr. D. Miller, Mr. Campbell, Mr. Hutton, Mrs. C. Miller and Mr. Hutchinson

Agenda Item: 21  COMMUNICATION	Late Items
Presenter(s):	Commissioner
Beginning Time:	10:39
Potential Conflict(s) of Interest and Abstention(s):	None
Discussion:	Mr. D. Miller read the attached Resolution to extend legal services.
On the Record:	None


Washington County Service Authority Board of Commissioners
July 26, 2021 Annual Board Meeting Minutes

Actual Motion:	Motion to approve the attached Resolution Extending Legal Services Contract.
Motion By:	Mr. D. Miller
Second By:	Mr. Thayer
Voting: Ayes:	7
Nays:	0
Abstain:	0
Discussion:	Mr. Campbell asked staff to start the procurement process for legal services for a decision in July of 2022.
On the Record:	Mr. Campbell and Mr. Hutchinson volunteered to serve on the Legal Services Procurement Committee along with three staff members; Mr. Cornett, Mr. Kiser and Mr. Little.
Actual Motion:	Motion to begin the Legal Services Procurement Process.
Motion By:	Mr. Hutchinson
Second By:	Mrs. C. Miller
Voting: Ayes:	7
Nays:	0
Abstain:	0
Discussion:	Mr. Taylor discussed an issue he was having with excessive phone calls and emails for a customer; Karen Blankenbeckler.
On the Record:	None
Actual Motion:	None
Motion By:	
Second By:	
Voting: Ayes:	
Nays:	
Abstain:	
Discussion:	Mrs. C. Miller discussed options to show appreciation to Tim Orfield for his service as a WCSA Commissioner.
On the Record:	The Board agreed to invite Mr. Orfield to the August Board Meeting and present him with a commendation and plaque to thank him for his service as Commissioner.
Actual Motion:	None
Motion By:	
Second By:	
Voting: Ayes:	
Nays:	
Abstain:	
End Time:	10:50 pm

**Washington County Service Authority Board of Commissioners
July 26, 2021 Annual Board Meeting Minutes**

Agenda Item: 22  COMMUNICATION	Adjourn
Presenter(s):	Commissioner
Beginning Time:	10:50 pm
Potential Conflict(s) of Interest and Abstention(s):	None
Actual Motion:	Motion to Adjourn.
Motion By:	Mr. Taylor
Second By:	Mrs. C. Miller
Voting: Ayes:	7
Nays:	0
Abstain:	0
End Time:	10:50 pm


Wayne Campbell, Chairman


Carol Ann Shaffer, Assistant Secretary

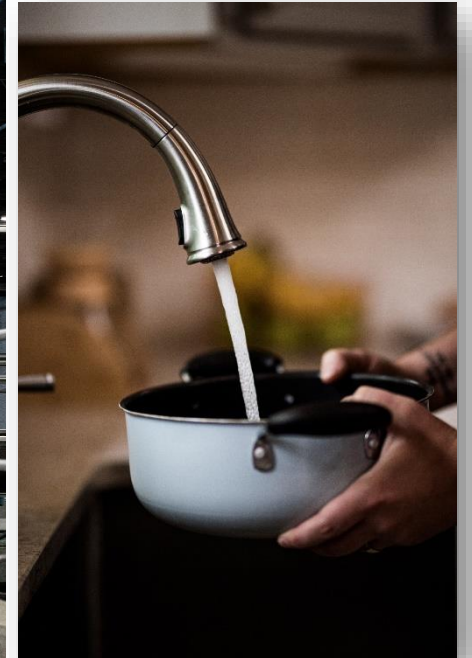
GM Report

- TOA Contract Operations
 - Town considering the desirability and feasibility of contracting the operation of its sewer system to a private company
 - Cornett to serve as a 'technical advisor' to the selection committee
- Accounting Roadmap
 - Documenting inflows is believed to be complete
 - Documenting outflows is taking much longer than anticipated due to complexity, FY 2022 budget and FY 2021 audit
 - Hope to resume outflow mapping in August 2021
 - Once inflows/outflows are mapped, analysis of what they should look like in the future and what needs to change can begin
- Technology Roadmap Revisited
 - 30 items were evaluated using the 'patient method'
 - Healthy, sick, hospital, ICU, morgue
 - Purpose is not to 'diagnose' the problem but to 'triage' all and prioritize
 - 10 team members
 - 3 of 30 healthy
 - GIS
 - Microsoft
 - Distribution SCADA
 - 3 of 30 are undergoing a procedure
 - CIS
 - WOMS
 - MDMS
 - While several patients need attention, the telephone system is a customer facing patient (piece of technology) that is sick to on ICU and we are going to try and define the problem.
 - Most customers say, they want a "live" person, not a machine answering the phone.
 - From this, we can see how important it is to 'diagnose' the problem before we try to solve it. In other words, it may not be a 'telephone system' problem, it may be that we have a telephone system.
 - Other problems include dropping calls (telephone company).
 - If a 'live' person answering the phone is the primary problem, what is the solution:
 - Could be a 'call center' providing the service
 - Attempt to have customer service representative to answer all calls but if busy
 - Have a phone system that allows the caller to press 1 and we'll call them back when someone is free and they won't lose their place in line

- Presumably we have enough people to answer all the calls, just not all at the same time, they need to be spread out of the course of an entire day. If we did not have enough people, calls would go unanswered. As far as we know, that is not the problem.

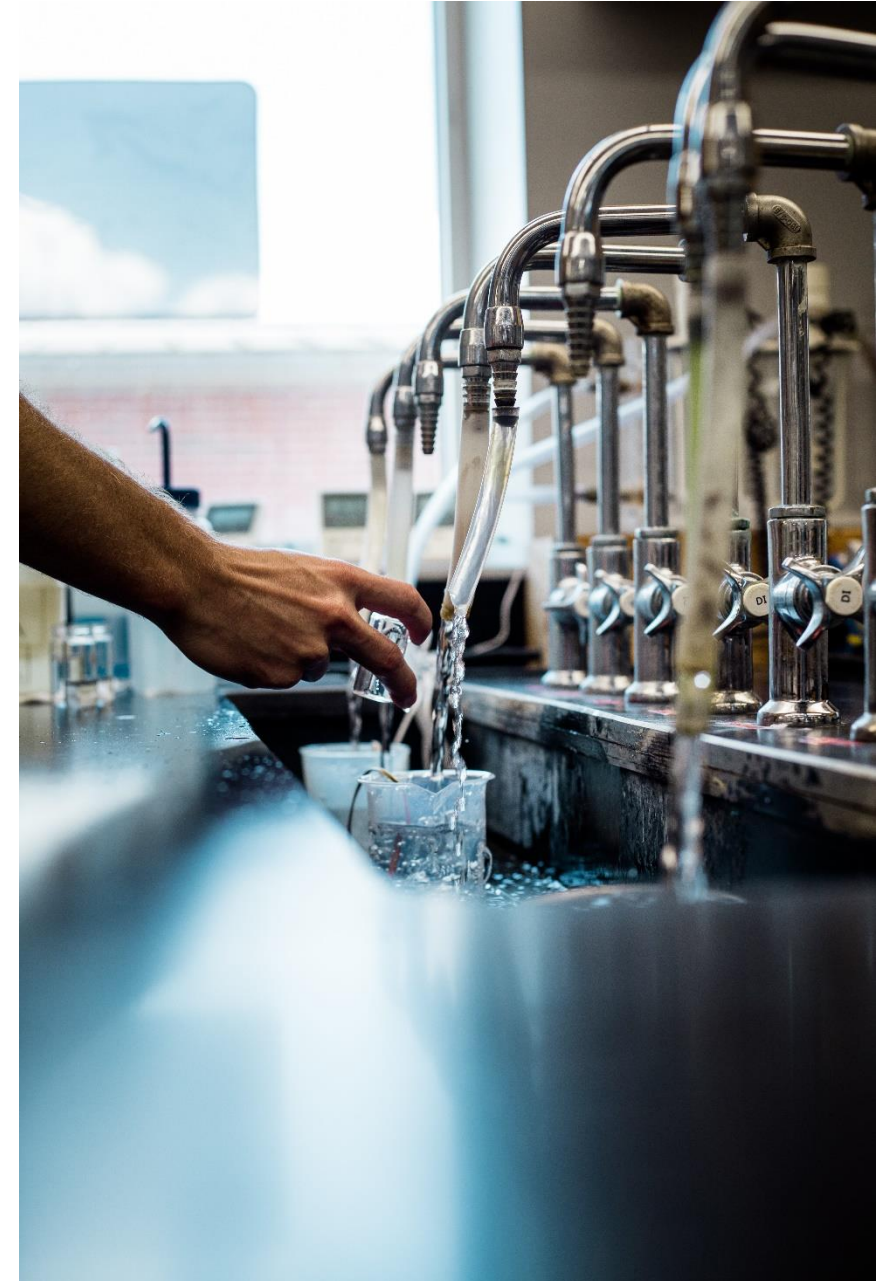
June 2021

Washington County Service Authority Water/Wastewater Operations Report



Production Operational Notes

- Chance Moore Passed his Class 3 Exam-
Chance was an intern last summer and has become a huge asset to the Production Department
- Distribution flushing ramped up considerably to keep chlorine residuals throughout distribution.
- Finished Risk & Resilience Assessment with CHA
- Re-worked our HACH Service Agreement to save money and keep Operators engaged with new equipment



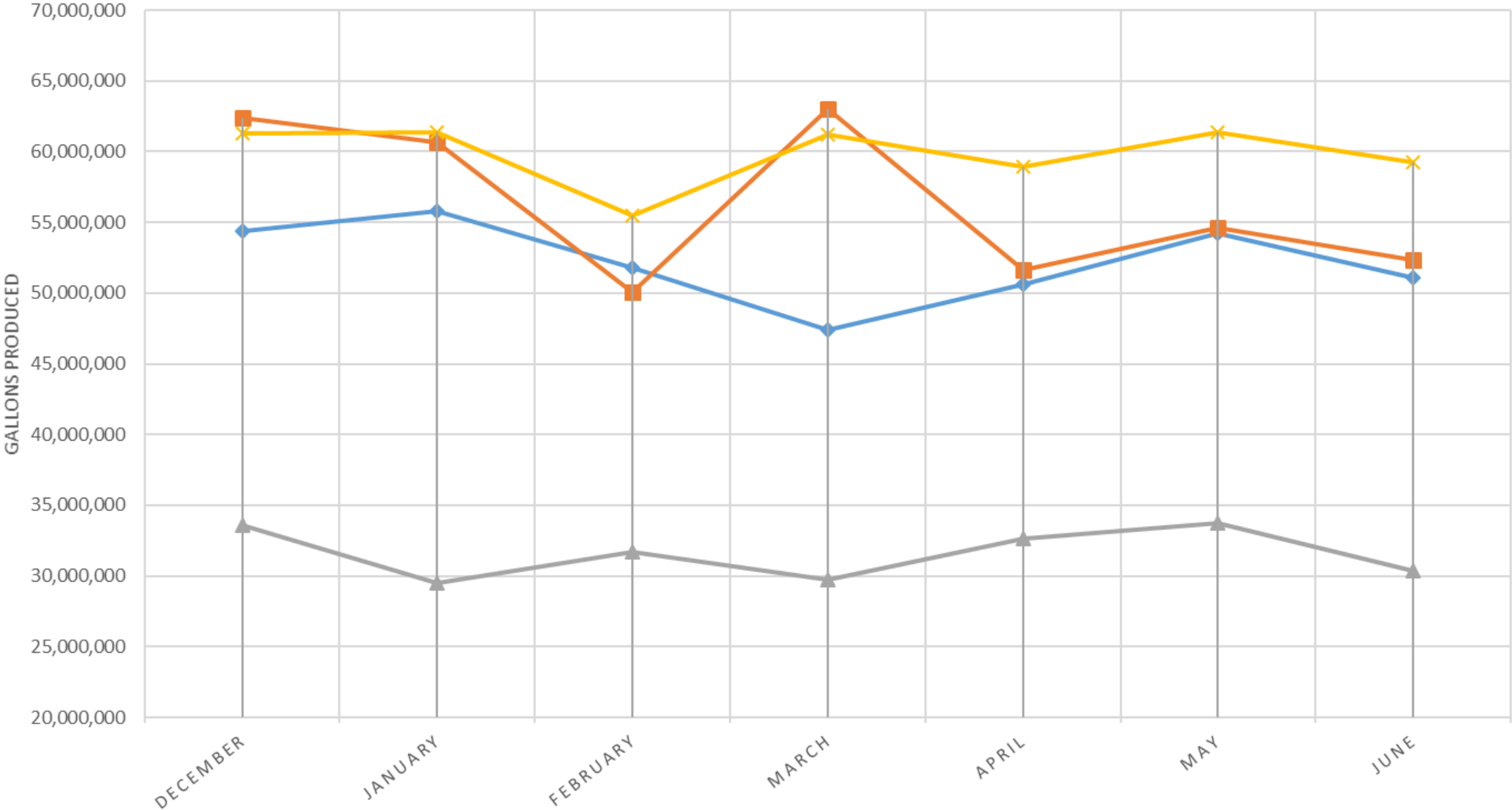
Production Operations Data

June 2021 Withdrawals

RAW WATER SOURCE	TOTAL VOLUME WITHDRAWN (Gallons)	AVERAGE DAILY WITHDRAWAL (Gallons)
Middle Fork Holston River	52,380,000	1,703,000
South Fork Holston River	51,094,000	1,746,000
Reservation Spring	30,712,215	1,012,000
Cole Spring	59,251,696	1,975,057

SOURCE WATER WITHDRAWALS

South Fork Middle Fork Reservation Spring Cole Spring



Production Operations Data

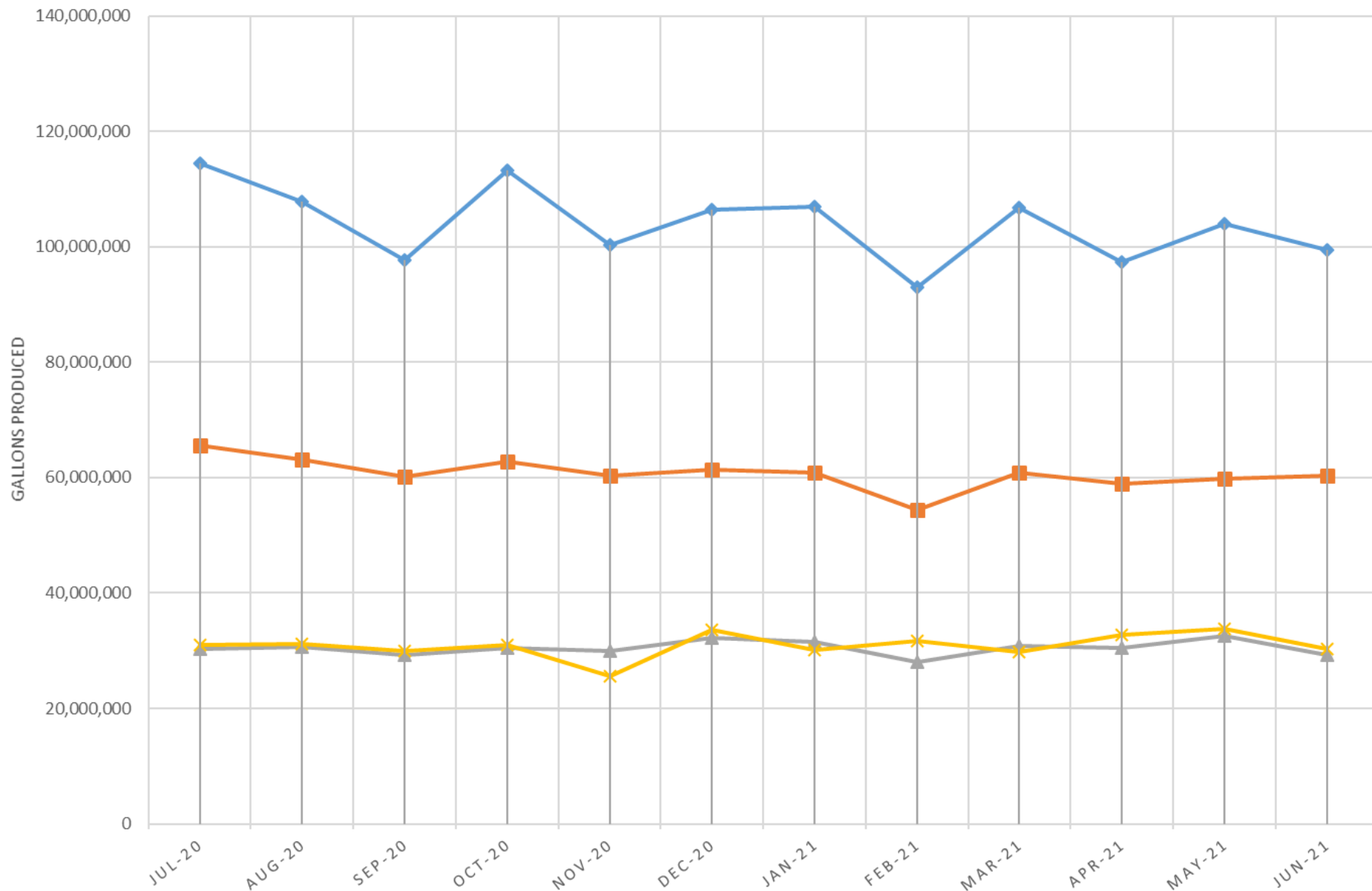
JUNE 2021

Treated Water

TREATMENT FACILITY	FINISHED WATER PRODUCED (GALLONS)	AVERAGE DAILY PRODUCTION (Gallons)
Middle Fork Drinking Water Plant	99,509,000	3,353,000
Reservation Spring	30,362,089	1,089,000
Mill Creek (WCSA)	60,279,000	1,979,416
Mill Creek (Chilhowie)	29,322,800	1,050,755
Mendota Well	Purchased from Scott County	Purchased from Scott County

WATER TREATMENT PRODUCTION

◆ Middle Fork Treated ■ Mill Creek WCSA ▲ Mill Creek TOC ✕ Reservation Spring



Production Operations Data

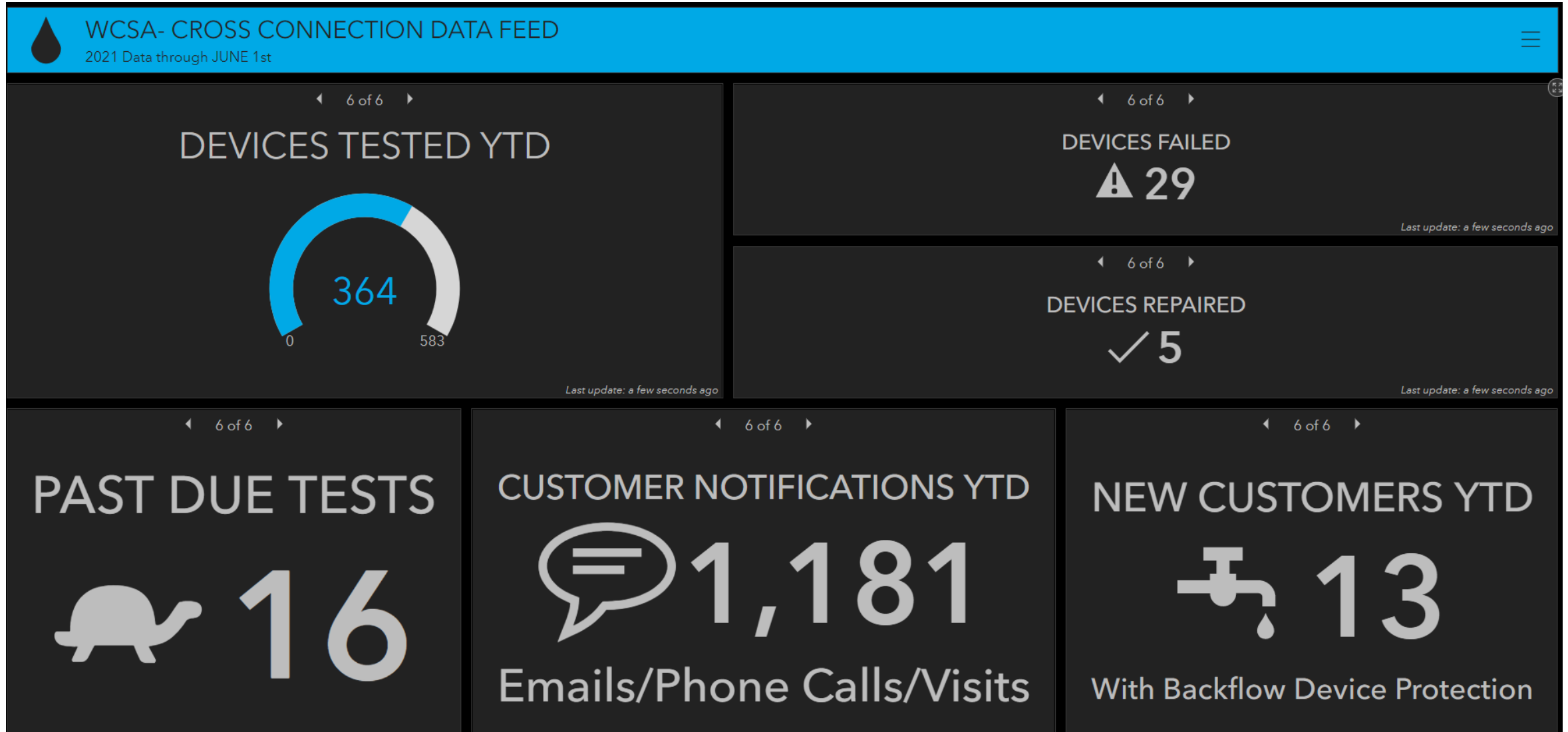
JUNE 2021 STABILITY

Treatment Facility	Average Raw Water Turbidity	Max Raw Water Turbidity	Average Finished Water Turbidity	Max Finished Water Turbidity
Middle Fork DWP	10 (NTU)	26 (NTU)	0.03 (NTU)	0.06 (NTU)
Mill Creek	0.45 (NTU)	0.91 (NTU)	0.01 (NTU)	0.05 (NTU)

Treatment Facility	Average Finished Water Chlorine Residual	Average Distribution Chlorine Residual
Middle Fork DWP	1.86 mg/L	1.10 mg/L
Mill Creek	1.60 mg/L	

ON TRACK FOR GOLD

Cross Connection/ Backflow Prevention Dashboard



JUNE -2021

Wastewater Department Activities

- Performed all DEQ DMR requirements
- Calibrated Flow Meters in Damascus
- Answered all alarm calls from treatment facilities and pump stations
- Pressed Digested Sludge
- Pulled pumps at Wyndale, removed debris and reset
- Greased all equipment
- Fixed leak on non-potable 2" line
- Installed Blower at Glade 1
- Vaccumed out CL2 Contact tank

Wastewater Operational Data

JUNE 2021

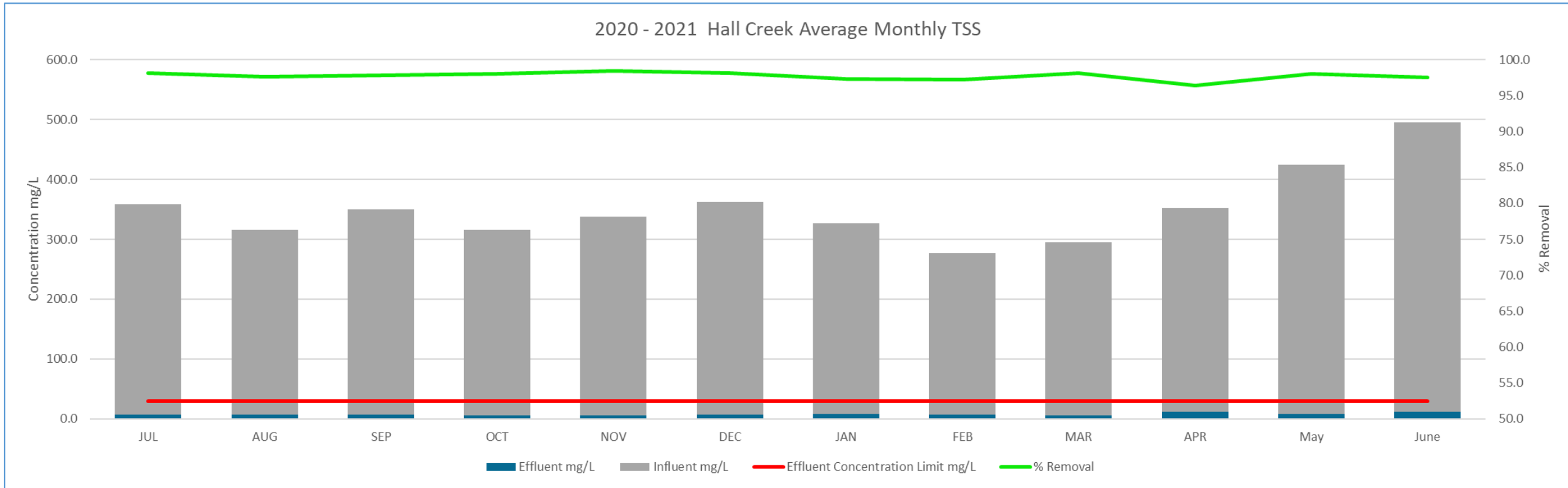
Hall Creek

TOTAL Gallons Treated	8,880,000
Average Gallons Treated Per Day	296,000
Total Precipitation	3.46"
Total Tons of Sludge Disposed	42.5
Total Lbs of Chlorine Used	806
Total Lbs. of Sulfur Dioxide used	566

Damascus

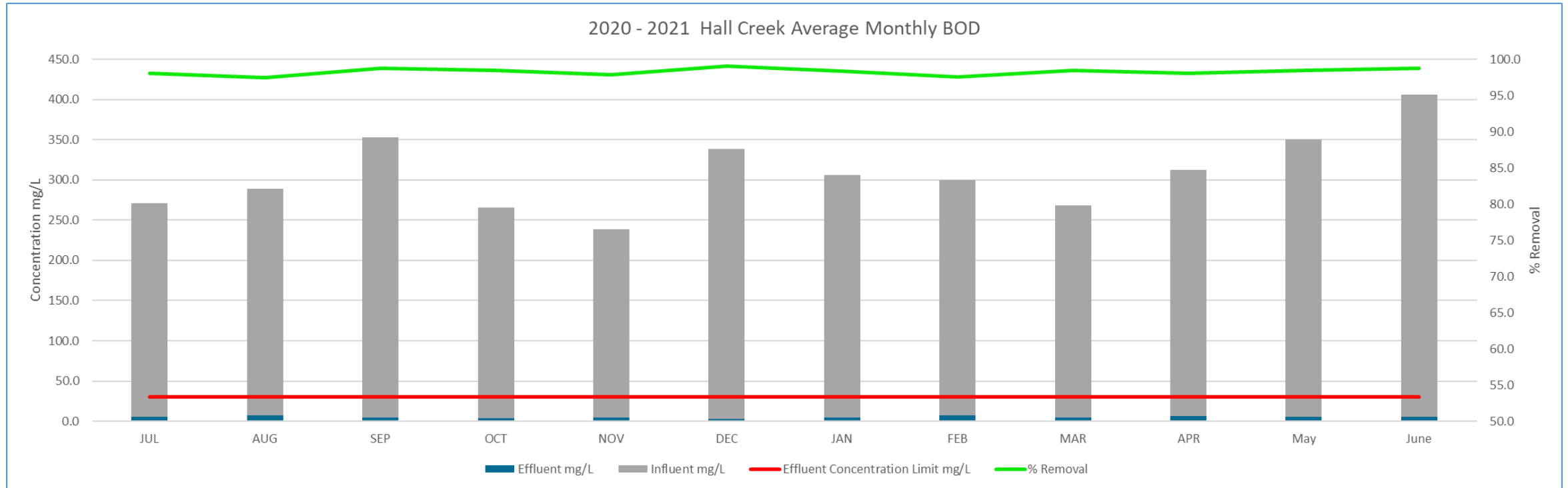
TOTAL Gallons Treated	3,270,000
Average Gallons Treated Per Day	110,000
Total Precipitation	3.06"
Sludge Sent to Landfill	10,840lbs
Total Lbs of Chlorine Used	151
Total Lbs. of Sulfur Dioxide used	N/A

Hall Creek Operations: TSS



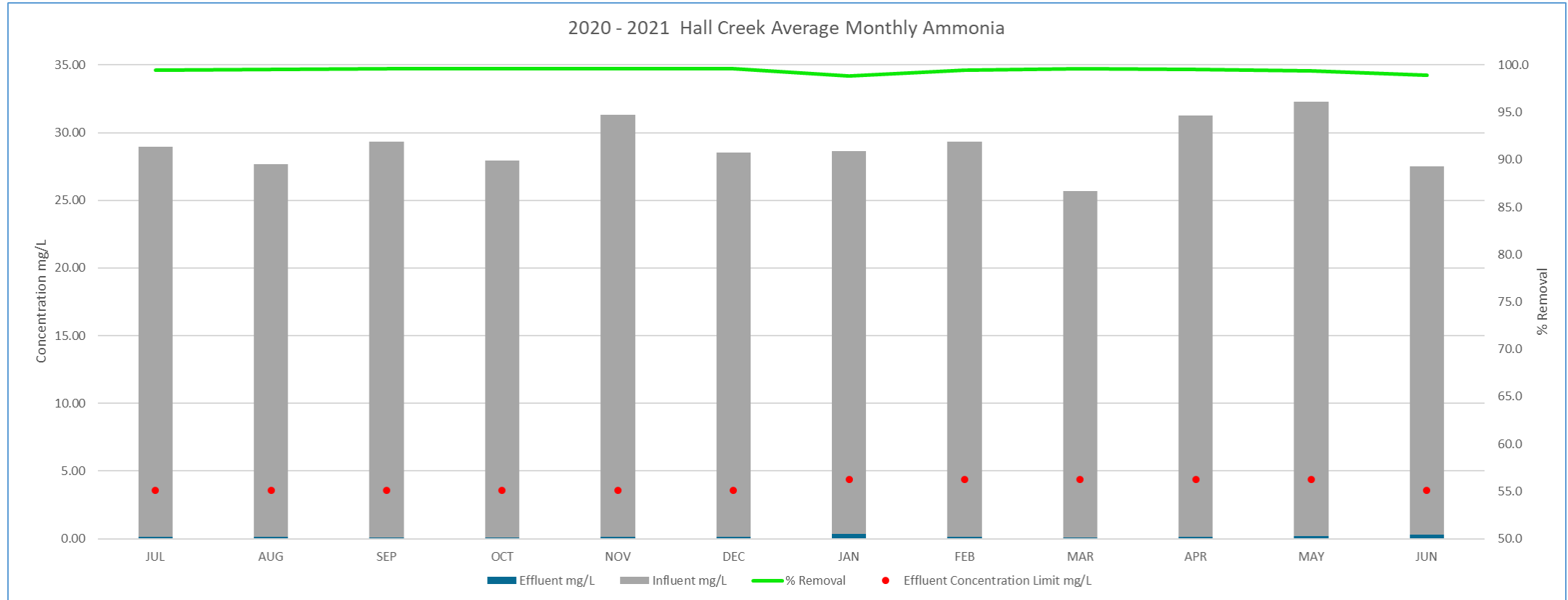
Total Suspended Solids (TSS) removal helps determine the efficiency of wastewater treatment. Effluent results are reported to DEQ on a monthly basis.

Hall Creek Operations: BOD



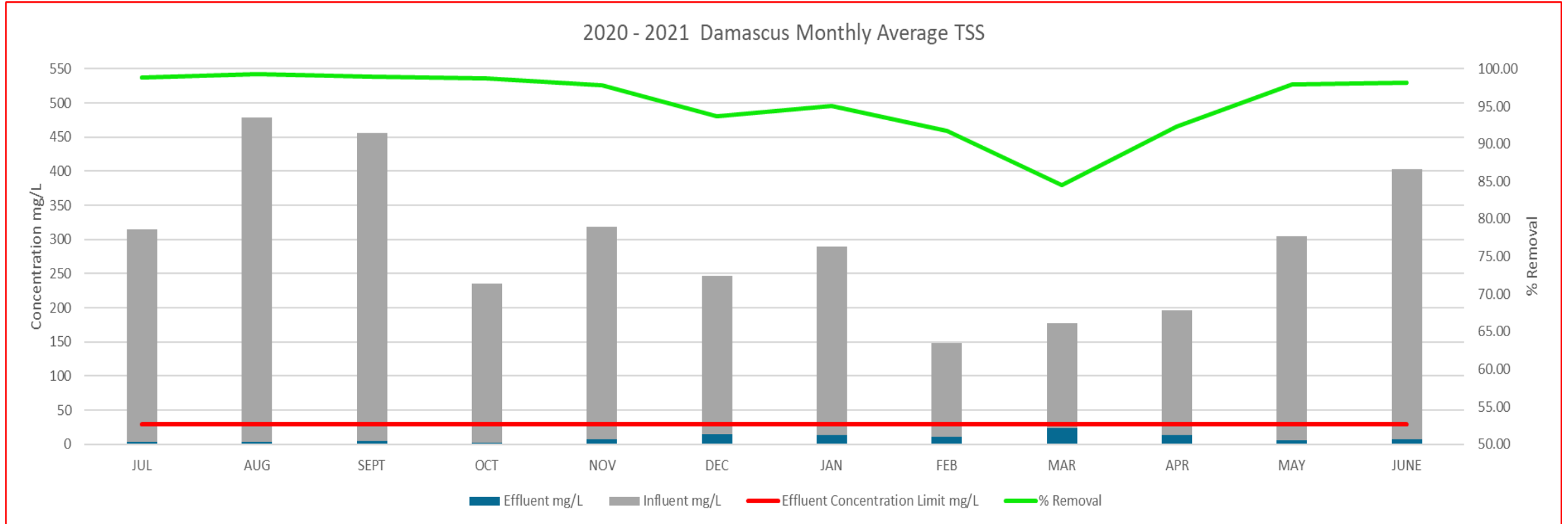
Biochemical Oxygen Demand (BOD) is the strength of wastewater. Percent removal helps determine the efficiency of wastewater treatment. Effluent results are reported to DEQ on a monthly basis.

Hall Creek Operations: Ammonia



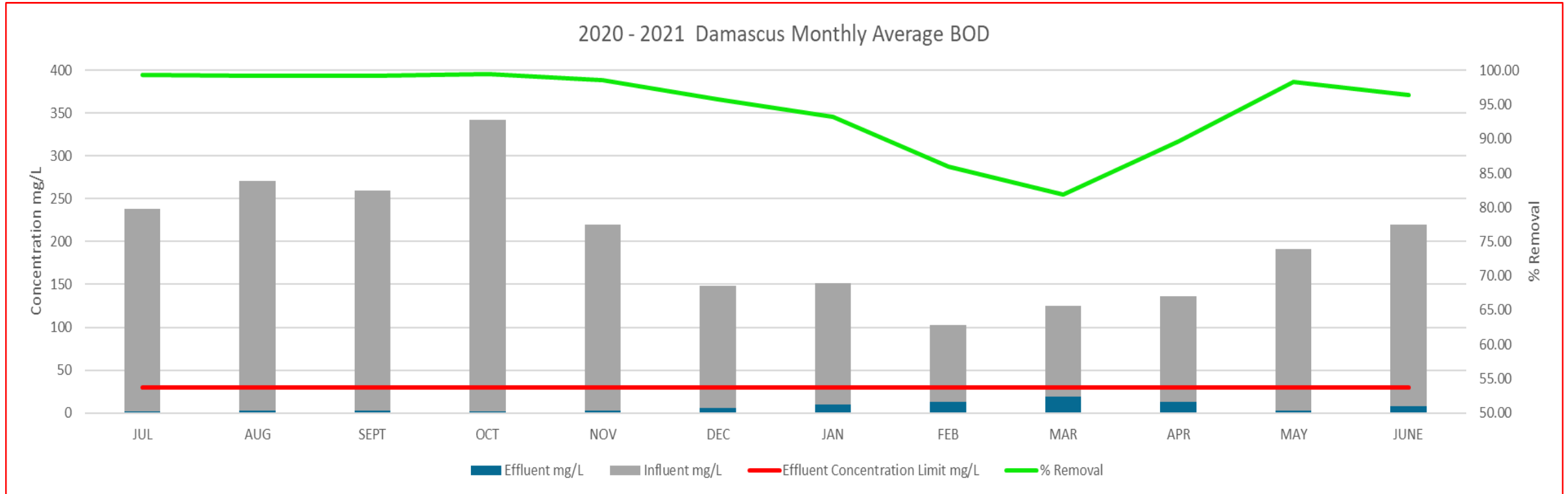
Ammonia is a form of Nitrogen, a natural human waste product. Percent removal helps determine the efficiency of wastewater treatment. Effluent results are reported to DEQ on a monthly basis.

Damascus WWTP Operations: TSS



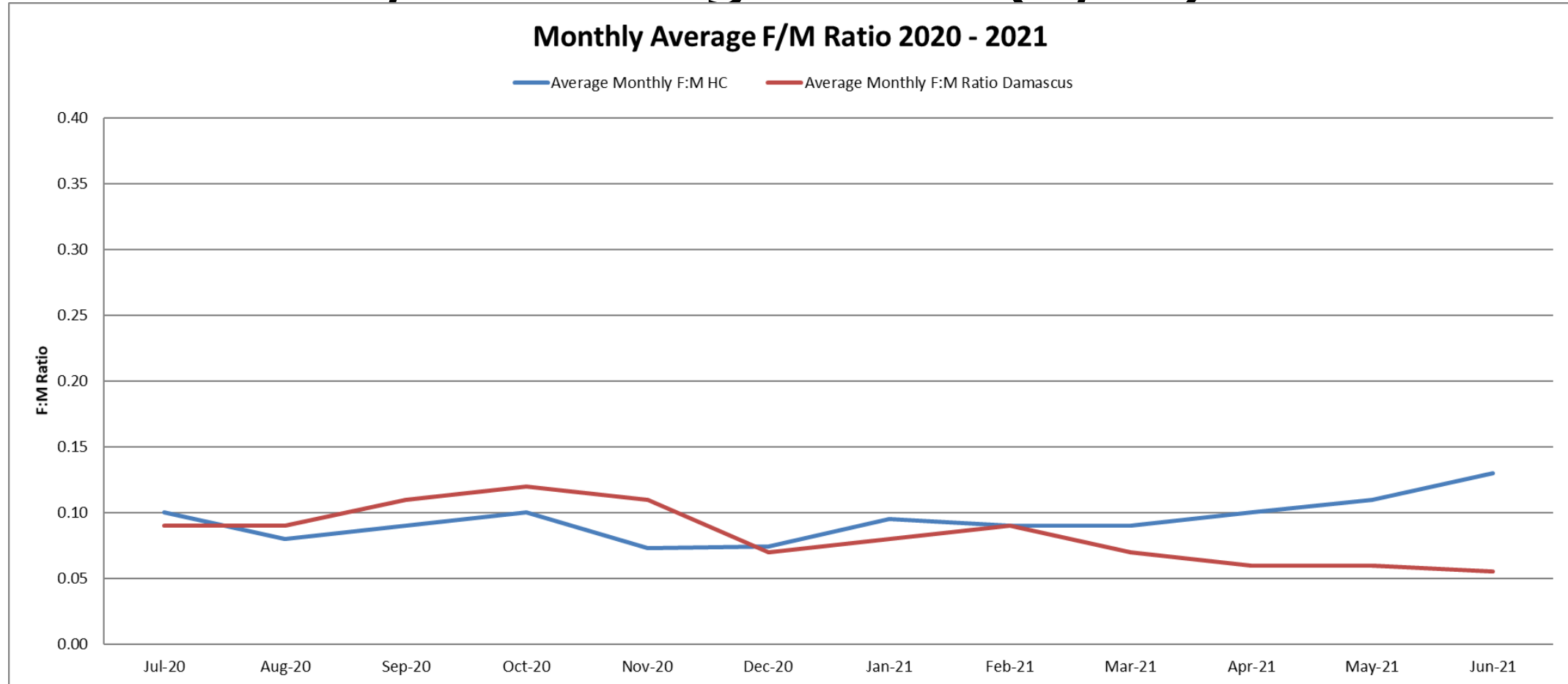
Total Suspended Solids (TSS) removal helps determine the efficiency of wastewater treatment. Effluent results are reported to DEQ on a monthly basis.

Damascus WWTP Operations: BOD



Biochemical Oxygen Demand (BOD) is the strength of wastewater. Percent removal helps determine the efficiency of wastewater treatment. Effluent results are reported to DEQ on a monthly basis.

Food/Microorganism (F/M) Ratio



F:M is monitored on a weekly basis as a process control test. This means that the test is not required by DEQ but helps WCSA monitor treatment so that our regulated samples are in compliance.

Metering

- Learning Temetra
- Installed: roughly 15,300
- Remaining: roughly 6,600
- Est. Finish – 9/30/21
- Quality Issues
- Increased usage for some

Photo taken from:

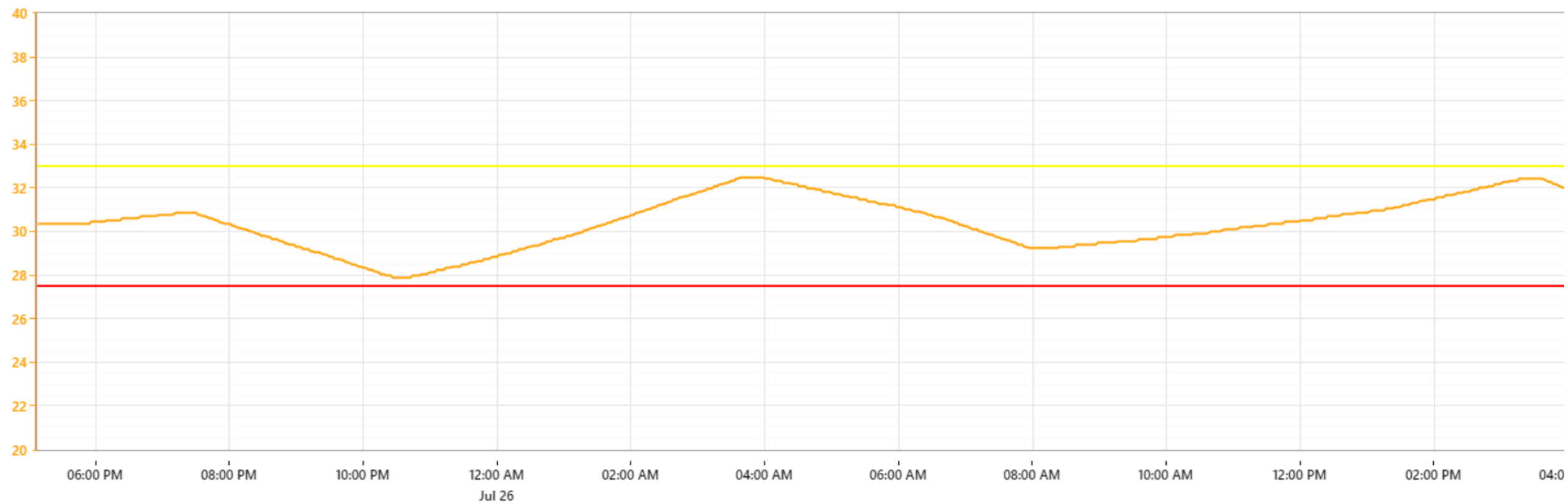
[flowIQ® 2100 | Ultrasonic water meter | Kamstrup](#)

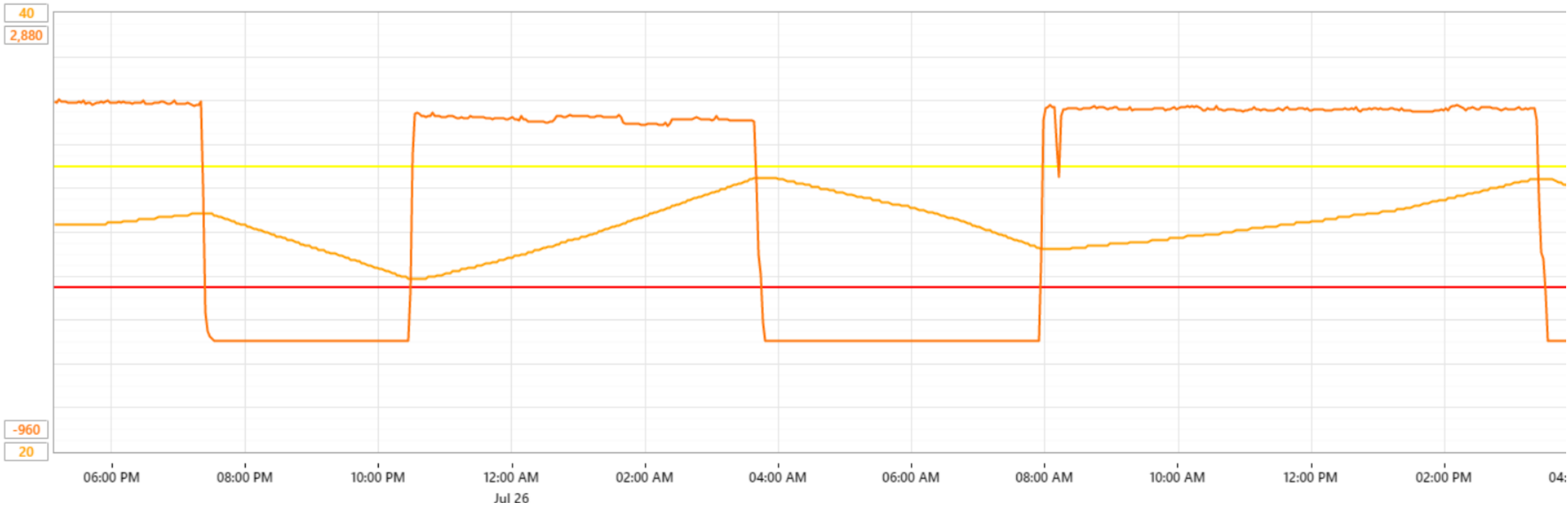


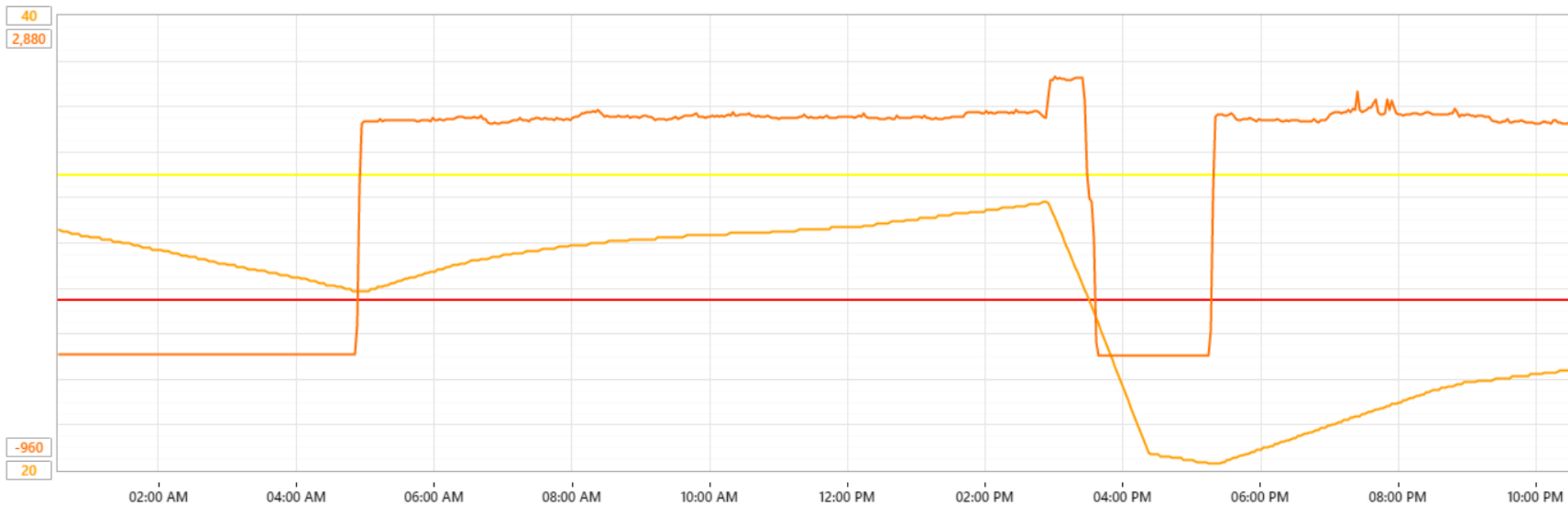
Maintenance

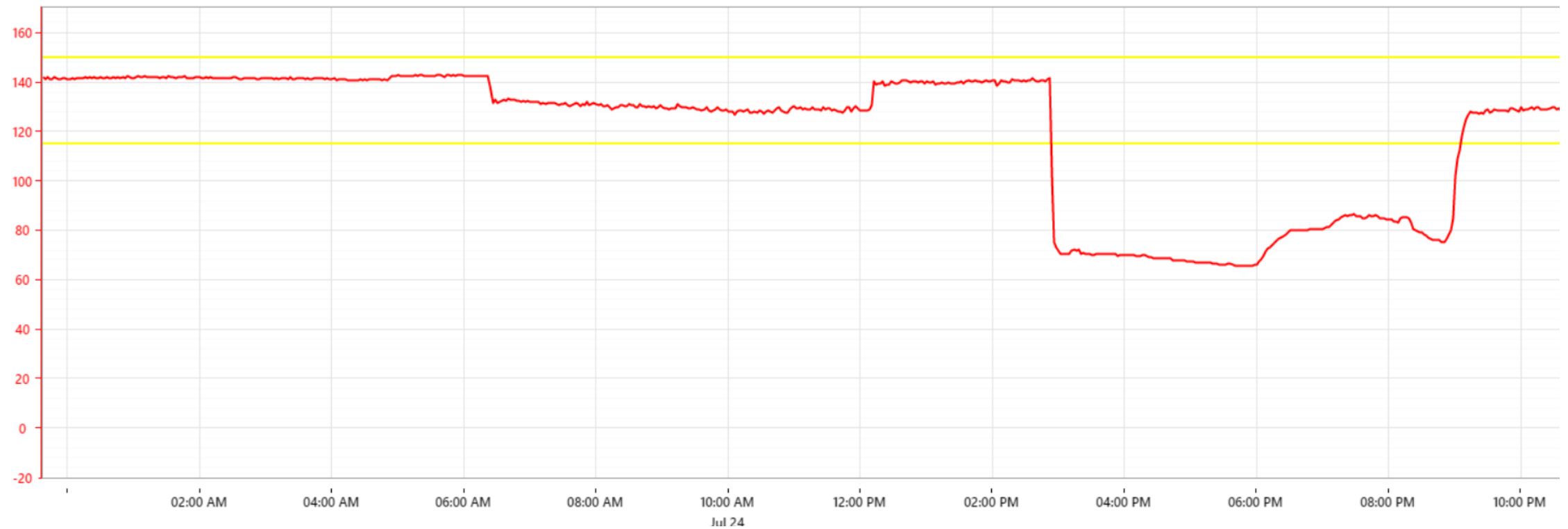
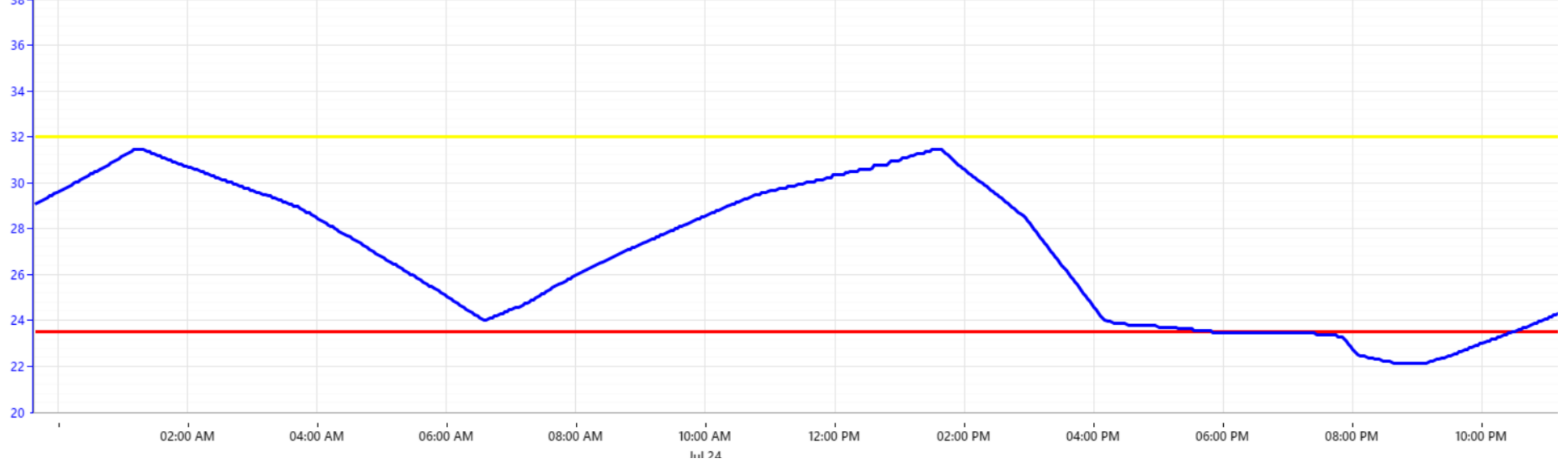
- New Employee: Josiah Dewey
- Industrial Park Line Break(s)











Maintenance

- New Employee: Josiah Dewey
- Industrial Park Line Break(s)
- Meter Project Help
 - Contracted Little B
 - Parts to arrive end of August



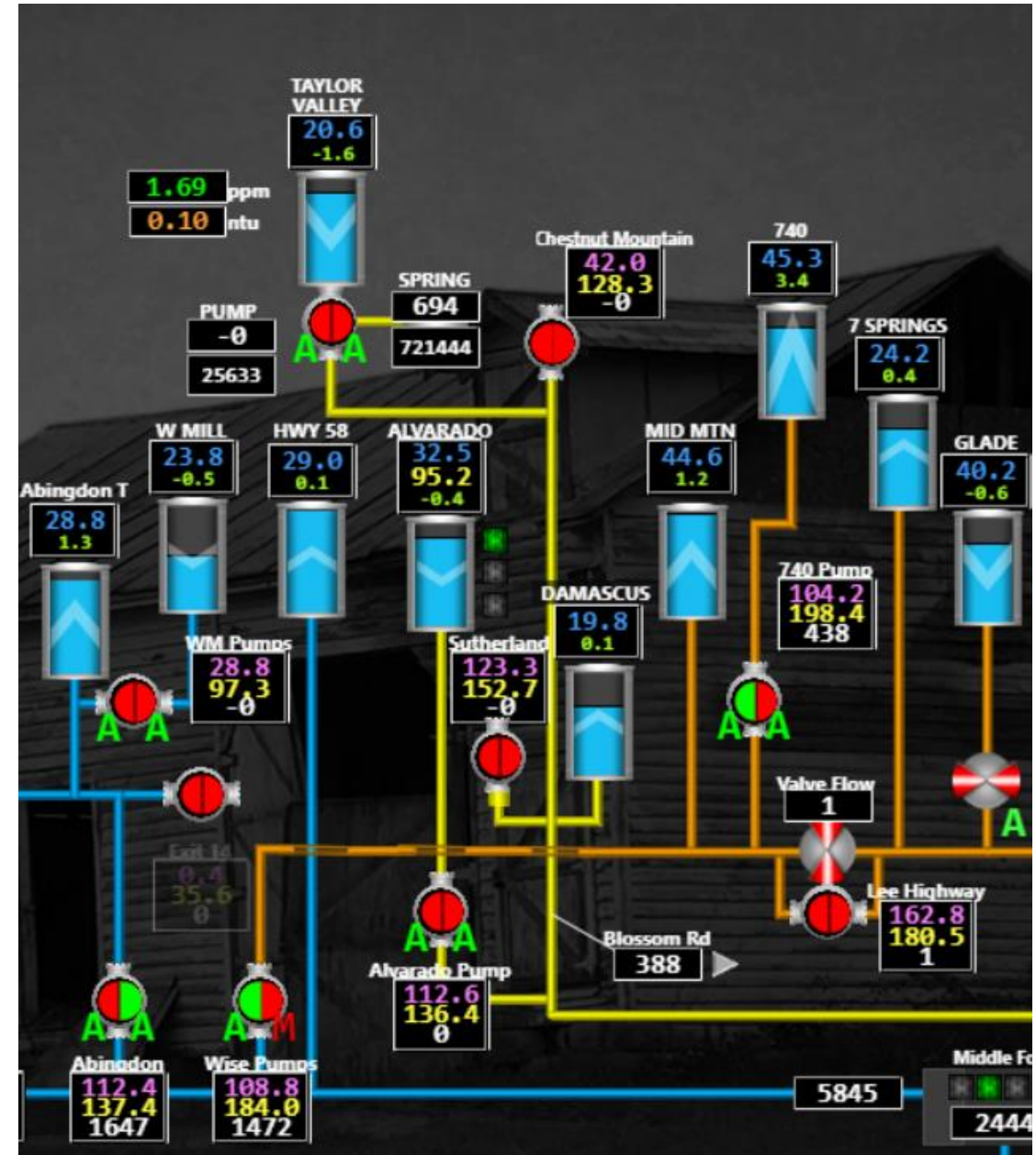
Distribution

- Water Quality
 - Chlorine Residuals lower than usual in Whites Mill Tank area – We believe this to be corrected via new flush point
- Bids for cleaning tanks
 - Whites Mill
 - Brumley Gap
 - Mid Mountain
 - Damascus
 - Route 19



Collection

- SCADA
 - Rehabbing Hall Creek's in-plant SCADA
 - Developing Damascus in-plant SCADA
 - Developing Hall Creek collection SCADA
 - Developing BVU collection SCADA



Washington County Service Authority
Board of Commissioners
Resolution Extending Term of Legal Services Contract

WHEREAS, the Washington County Service Authority (WCSA) and the law firm of Dene & Dene, P.C. (Attorney) are parties to a Legal Services Agreement dated July 24, 2017 (Agreement); and

WHEREAS, the Agreement is subject to an Addendum to Legal Services Agreement dated on or about December 10, 2018 (Addendum), as required by the United States Department of Agriculture, Rural Development for the Galvanized Line, Phase III and Abingdon Water Storage Tank Projects; and

WHEREAS, the Agreement has a term of one (1) year; provided, however, WCSA has the option to extend the term of the Agreement for four (4) additional periods of one (1) year each for a total of five (5) years at the sole election of WCSA; and

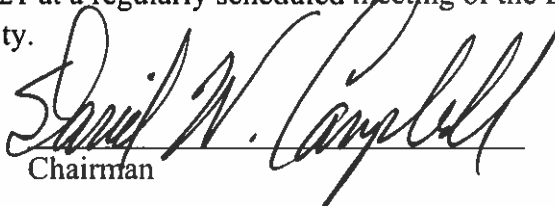
WHEREAS, Board of Commissioners of WCSA (Board) elected to extend the term of the Agreement for an additional one (1) year period in each of 2018, 2019, and 2020; and

WHEREAS, the Board wishes to extend the Agreement for an additional one (1) year period; and

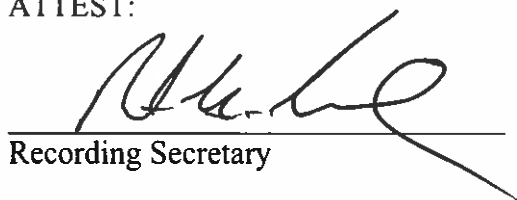
NOW, THEREFORE, be it hereby RESOLVED that

1. The Agreement is extended for a period of one (1) year, said one (1) year period to expire at 11:59 PM on July 26, 2022;
2. Attorney to submit invoices no later than the 15th of the month following the month services are rendered or forfeit payment for the month services were rendered; and
3. The General Manager is authorized and directed to execute an amendment to the Addendum which includes the Lee Highway Corridor Sewer Improvements Project within the scope of Projects covered by the Addendum.
4. This Resolution shall become effective upon adoption.

ADOPTED this 26th day of July 2021 at a regularly scheduled meeting of the Board of Commissioners of the Washington County Service Authority.


Chairman

ATTEST:


Recording Secretary