Agenda Item: 1	Call the Meeting to Order	
Presenter(s):	Chairman	
Time:	9:00 am	

Agenda Item: 2	Roll Call	
Presenter(s):	Chairman	
Present:	Mr. Thayer, Mr. Taylor, Mr. D. Miller, Mr. Campbell, Mr. Hutton, Mrs. C. Miller, and Mr. Hutchinson	
Absent:	None	

Agenda Item: 3	Prayer and Pledge of Allegiance	
Presenter(s):	Mr. Wayne Campbell opened the meeting in prayer and led the Pledge of	
	Allegiance.	

Agenda Item: 4	Approval of the Agenda
Presenter(s):	Chairman
Potential Conflict(s) of Interest and Abstention(s):	None
Discussion:	None
On the Record:	None
Actual Motion:	Motion to approve the agenda as presented.
Motion By:	Mr. Hutchinson
Second By:	Mr. Thayer
Voting: Ayes:	7
Nays:	0
Abstain:	0

Agenda Item: 5	Setting the Stage
Presenter(s):	Raftelis
Potential Conflict(s) of Interest and Abstention(s):	None

Discussion:		The retreat began with the Board and staff introducing themselves and then sharing their expectations for the retreat.	
On the Record: None		None	
Actual Motion:		None	
Motion By:			
Second By:			
Voting:	Ayes:		
	Nays:		
	Abstain:		

Agenda Item: 6	The Ten Habits of Highly Effective Boards	
Presenter(s):	Raftelis	
Potential Conflict(s) of Interest and Abstention(s):	None	
Discussion:	Raftelis None  Raftelis provided an overview of the 10 Habits of a Highly Effective Board, which include:  1. Thinking and acting strategically 2. Demonstrating the value of teams/ teamwork 3. Mastering small-group decision-making 4. Clearly defining roles and relationships 5. Abiding by the Board-Staff partnership 6. Systematically assessing implementation 7. Allocating time and energy effectively 8. Setting clear rules and procedures 9. Incorporating stakeholder input 10. Practicing continuous personal development  After discussion of each habit, Raftelis asked participants to select the habits t which they felt the WCSA Board excelled. Participants were broken into troups and asked to provide an example, talk about how the habit helped in the past, and how the habit might help in the future. The top habits are listed elow, along with some of the key discussion points:  • Thinking and acting strategically • When considering replacing WCSA's galvanized lines, Staff helped to identify 200 miles of problem areas and the Board	
	o When considering replacing WCSA's galvanized lines, S	

- The utility had lots of leak and break data for the lines, but it was a considerable undertaking that required debt-financing.
- o In 2019, the WCSA developed a strategic plan, which provided a roadmap. This helped to prioritize initiatives and facilitate communication between the Board and Staff.
- O Sometimes we make decisions too quickly, and we need to be conscious about taking the time to think through things. We need to be flexible in the future and continue to be strategic as we move forward. Staff knows what's happening day-to-day, but needs the Board's approval to make some of the big

#### · Abiding by the Board-Staff partnership

- The Board is good about incorporating General Manager and Staff recommendations into policy decisions.
- o The Board encourages recommendations for any issues that require the Board to take an action.

#### • Setting clear rules and procedures

 We have amended our bylaws and make changes as necessary, though we could probably use more frequent review.

After discussing the habits where the WCSA Board generally does well, participants were asked to select the habits where they felt there were opportunities for improvement, and what the Board could do to improve performance in each area. The habits and associated suggestions for improving performance included the following:

#### Incorporating stakeholder input

O Have done a rate-setting advisory task force (2019 and 2014) but haven't done surveys or had broader customer input opportunities, which might be an opportunity.

#### • Clearly defining roles and relationships

- O Clarify the process for instances where customers call Board members. When should Board members engage and when should issues be directed to staff? When customers escalate issues beyond staff, how should the Board handle these issues?
- Clarify the process for instances where employees contact the Board. When should they be referred to the GM/staff?
- O Schedule periodic reviews of the Board Handbook.

#### • Allocating time and energy effectively

- Stick to the task at hand.
- o Reduce time spent on legal matters.
- Go through topics ahead of the meeting to understand background.

On the Record:		None
Actual Motion:		None
Motion By:		
Second By:		
Voting:	Ayes:	
	Nays:	
	Abstain:	

Agenda Item: 7	Sharing Expectations		
Presenter(s):	Raftelis		
Potential Conflict(s) of Interest and Abstention(s):	None		
Discussion:	Participants reflected on the morning's discussions and their thoughts whil preparing for this retreat by articulating the expectations they have for on another and the WCSA staff. Prompt questions included the following:		
	What do you need from y	our Board colleagues in order to be effective	
	What are you willing to give your Board colleagues?		
	<ul> <li>What does the Board need from the staff in order to be effective?</li> </ul>		
	What are you willing to give the staff?		
	What does staff need from the Board in order to be effective?		
	What is the staff willing to give the Board?		
	The responses were captured in t What do you need from your Boat Colleagues to be effective?		
	Open discussion	Willing to listen	
	Willingness to listen	Respect	
	Willingness to listen to others	Respect for differences	
	Vote on how you feel	Time	
	Be willing to respect my thoughts	Time as I can provide	
	Honesty	My input for issues affecting the WCSA	
	Openness to concerns	Knowledge	
	Willingness to compromise	Willingness to learn the business	
	Courtesy	Be open-minded	
	Respect for different opinions	Willingness to change my mind for better ideas	

Be prepared	Common sense	
Stay informed	Participation in discussions (voice opinions)	
Help in understanding policies and procedures	Not let personal views or wants make my decisions	
Respond to "district" concerns, even if they're not in your area	100% support of Board's decisions	
Advice in dealing with important issues	Time	
Be an advocate for WCSA and quality water	Honesty	
Be available for correspondence (answer texts, phone calls, etc.)	Volunteer to participate on committees	
Attend Board meetings	History	

What does the Board need from Staff in order to be effective?	What is Staff willing to give to the Board?
Support	Careful consideration of things that inform policy, rates, and finances
Support from the employees	Listen, sleep on, and respond to Board input and expectations
Professionalism	
Professional behavior	
Complete work assignments in a timely manner	
Timely responses to issues	
Be courteous to customers	
Sound recommendations	
Guiding reports (general financial information, etc.)	
Facts	
Guidance on specifics	
Accurate information and detailed reports for the Board to make sound decisions	
Availability when needed to help answer questions	
Communicate with the Board	
Cooperation	
Be kept aware of important issues affecting WCSA	
Make sure policy is followed by all employees the same way	

		What does staff need from the Board in order to be effective?	What is the Board willing to give staff?
		Consideration of action items before the Board	The benefit of the doubt if there's a question
		Support of staff implementation of Board policy	Support staff with what's needed to perform their jobs
		Input based on Board member experience and expertise	Listen to issues that they may have
		Reasonable amounts of time	Listen to concerns
			Reward for excellence in job duties
			Rewards for goals reached
			Time and effort on issues that affect WCSA goals and customers
			Develop policies that consider all aspects of staff
			Support
			Support for staff
			Support and respect staff decisions
			Community relations
			Oversight
On the Record:		None	
Actual Motion:		None	
Motion By:			
Second By:			
Voting:	Ayes:		
	Nays:		
	Abstain:		

Agenda Item: 8	Lunch
Presenter(s):	Raftelis
Potential Conflict(s) of Interest and Abstention	
Discussion:	The group broke for lunch.
On the Record:	
Actual Motion:	None
Motion By:	
Second By:	
Voting: A	yes:
N	ays:
Ab	stain:

Agenda Item: 9	Strategic Plan Report and Update	
Presenter(s):	Staff / Raftelis	
Potential Conflict(s) of Interest and Abstention(s):	None	
Discussion:	WCSA Staff presented progress updates on the strategic plan implementation activities that have occurred since 2019, as well as overall progress against each of the goals included in the strategic plan. (See attached presentation) After each presentation, participants considered any additional projects, programs, and initiatives that the Authority should pursue over the next 12-18 months.	
On the Record:	None	
Actual Motion:	None	
Motion By:		
Second By:		
Voting: Ayes:		
Nays:		
Abstain:		

Agenda Item: 10	Strategic Plan Implementation Next Steps	
Presenter(s):	Raftelis	
Potential Conflict(s) of Interest and Abstention(s):	None	
Discussion:	New proposed activities will need to be voted on during an upcoming Board meeting.  Infrastructure  No new initiatives proposed	
	<ul> <li>Employer of Choice</li> <li>Proposed: Develop and implement robust hiring processes to help us identify, attract, and hire the best candidates for open roles</li> <li>Proposed: Continue to focus on creating a safe working environment for all WCSA employees</li> </ul>	
	Financial Viability  No new initiatives proposed	

		Discussion of potentially conducting customer outreach/engagement activities to gauge satisfaction (e.g., survey or focus groups)
		<ul> <li>Technology</li> <li>Proposed: Develop and implement a robust cyber-security posture</li> <li>Growth and Expansion</li> <li>Proposed: Increase efficiency of the developer plan review process to support growth in our County</li> </ul>
On the Record:		None
Actual Motion:		None
Motion By:		
Second By:		
Voting:	Ayes:	
	Nays:	
	Abstain:	

Agenda Item: 11	Closing / Next Steps
Presenter(s):	Raftelis
Potential Conflict(s) of None Interest and Abstention(s):	
Discussion:	The retreat was wrapped up.
On the Record:	None
Actual Motion:	None
Motion By:	
Second By:	
Voting: Ayes:	
Nays:	
Abstain:	

Agenda Item: 12	Adjourn
Presenter(s):	Commissioner
Discussion:	None

On the Record:	None	
Actual Motion:	Motion to Adjourn.	
Motion By:	Mr. Hutchinson	
Second By:	Mr. Taylor	
Voting: Ayes:	7	
Nays:	0	
Abstain:	0	
End Time:	3:41 pm	

Wayne Campbell, Chairman

Carol Ann Shaffer, Assistant Secretary

# **Washington County Service Authority**



# Strategic Plan

June 25, 2022 Management Report and Update

1

# **Strategic Direction**



#### Vicion

To be the trusted public utility and community leader in Southwest Virginia



#### **Mission**

WCSA's dedicated employees lead the industry and the region by providing excellent, affordable, environmentally responsible water and wastewater service



#### **Values**

WCSA has a shared commitment to each other and our customers in all we do, through integrity, trust, accountability, and dependability

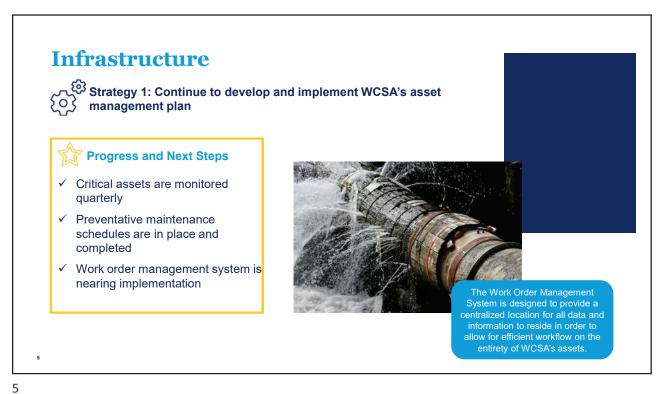
# Six Goals Infrastructure Employer of Choice Financial Viability Communication Technology Growth and Expansion

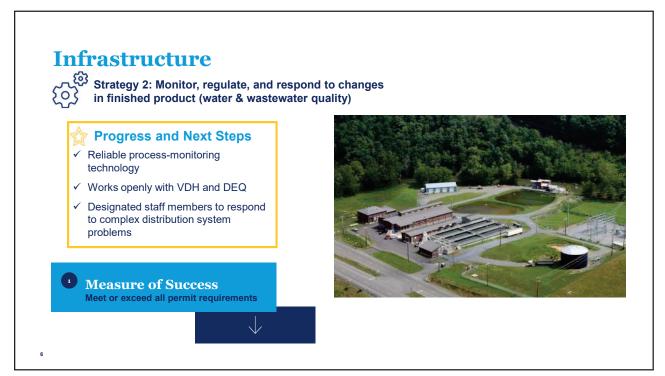
3

# Infrastructure

To maintain reliable infrastructure to meet or exceed the needs of our customers







#### Infrastructure



D i4	F334.	Barrerit Francischer
Permit	Facility	Permit Exceedances?
Virginia Withdrawal Permit VWP-14-1546	Middle Fork Holston River, South Fork Holston	None
	River, Reservation Spring, Cole Spring	
Mill Creek Discharge (DEQ) - VAG640033	Mill Creek Water Filtration Plant	None
Middle Fork Discharge (DEQ) 640001	Middle Fork Water Treatment Plant	None
Mill Creek Waterworks Operations Permit (ODW) -PWSID: 1191100	Mill Creek Water Filtration Plant	None
Middle Fork, Taylors Valley Operations Permit (ODW) - PWSID:	Middle Fork, Taylors Valley, BVU	None
1191883		
Mendota Operations Permit (ODW)	Mendota Well	None
PWSID: 1191310		
Hayters Gap Operations Permit (ODW)	Hayters Gap/Saltville Distribution	Boil Water Notice
PWSID: 1191295		(Major Line Failure)
Hidden Valley Operations Permit (ODW)	Hidden Valley Community	Boil Water Notice
PWSID: 1191311		(Russell County Supply Issue)
Hall Creek Wastewater Treatment VPDES: VA0087378	Hall Creek Wastewater Treatment Plant	None
Damascus Wastewater Treatment VPDES: VA0021130	Damascus Wastewater Treatment Plant	None
Damascus Wastewater Treatment VPDE5: VA0021130	Damascus wasiewater freatment Plant	None
Western Washington County Water Reclamation Facility VPDES:	Western Washington County Water Reclamation	None
VA0092860	Facility	

Note: Met or exceeded does not mean there were no comments from the Virginia Department of Health or Department of Environmental Quality during sanitary inspections or self-reporting.

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#### Infrastructure



Strategy 3: Focus on watershed protection, including source water management and satisfactory wastewater influent



#### Progress and Next Steps

- ☐ Source water monitoring device in CIP for Middle Fork Holston River not yet underway
  - Installed a pilot Sonic Buster
- ✓ Floating dredge procured to minimize sediment loads at the Middle Fork Raw Water Intake
- ✓ Created a designated maintenance crew for sewer collection system monitoring and repair



#### Infrastructure



Strategy 4: Update WCSA's vulnerability assessment by August 2020 and implement recommendations, in accordance with America's Water Infrastructure Act



#### **Progress and Next Steps**

- Contracted Lawrence Hoffman (CHA) to assist with vulnerability assessment and recommendations
- ✓ Assessment completed in June 2021
- Initial vulnerability mitigations were implemented (e.g., access, cameras, monitoring)
- Other vulnerabilities are being prioritized to be addressed in the future



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# Infrastructure

# Measures of Success



- Meet or exceed all permit requirements
- Determine wastewater inflow and infiltration both system wide and in district metered areas, identify target (base practice) for I&I and set reduction targets accordingly by June 2024
  - ✓ A designated crew is actively working on systematic repair of failing infrastructure. Reductions in I&I are being realized.
  - Meters need to be procured to set quantitative goals for I&I reduction.
- NRW to meet or exceed VDH standard of <30%. Reduce the number of leaks by 50% June 2021. Procure meters, develop a standard and begin implementation of an unmetered fire line audit program by June 2020.
  - ✓ The AMI network is poised to provide system mass balancing.
  - ☐ Establish Project Plan to reduce real/apparent losses

# Infrastructure

# **Measures of Success**



- With the AWWA Benchmarking Report and SWVA survey of the same, set short- and long-term utility goals by June 2023.
  - Key Performance indicators are being piloted and reported monthly.
  - ☐ Short and long-term utility goals are forthcoming.
- With new work order system, distinguish preventative and reactive maintenance. As a baseline develops, if appropriate, set goals for reducing reactive maintenance
  - ✓ Work Order Management System nearing implementation

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# **Check-in**

Any clarifying questions?

Moving forward: Modifications? Additions? Removals?

# **Employer of Choice**

To recruit, develop and retain a best-in-class team



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# **Employer of Choice**



Strategy 1: Continue to expand employee engagement through teams aligned with strategic Initiatives



#### Progress and Next Steps

- √ Numerous teams in progress
- ☐ Continue to develop teams and team leadership



Teams in Progress



- a. AMI meter reading system,
- b. Technology roadmap
- c. Accounting roadmap,
- d. Customer information (billing) system
- e. Work order management system

# **Employer of Choice**



Strategy 2: Align training opportunities with employee position descriptions



#### Progress and Next Steps

- **Conducting Position Dependent Training**
- Restarting management development training (paused for Covid)
- Identifying position-dependent training opportunities (e.g., conferences for customer service representatives)



# **Training Opportunities**

#### Available to All Employees

- **High Impact Communications**
- DISC Behavioral Profile/Self Awareness

#### Position Dependent

- Water Licensure Requirements
- Waste Water Licensure Requirements
- Sewer Line Inspection
- Drone Pilot Tank Inspections
- VDOT required training & Certifications (Flagging and Traffic Control)
- Environmental Sediment and Erosion Control Training & Certifications
- Asbestos Remediation
- **OSHA Safety Topics**

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### **Employer of Choice**



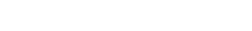
Strategy 3: Maintain WCSA's compensation and benefits package, and update as necessary



#### **Progress and Next Steps**

- Planning to advertise for consulting services for a new market survey
- ☐ Target market survey completion late 2022













Strategy 4: Develop and implement a holistic onboarding



#### Progress and Next Steps

- √ 90% completed, paused for COVID
- ☐ Plan to restart during 2022



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# **Employer of** Choice

# **Measures of Success**



- 100% of position descriptions reviewed and revised, as necessary, by December 2019 and reviewed and updated every two years thereafter
  - Completed March 2020 with thorough review by all employees
  - ☐ Complete again in 2022
- Establish annual baseline training hours and set
  - ☐ Work with Department Managers to set training targets utilizing revised Position Descriptions and Progression Plans
- Undertake a compensation and benefit survey at 5year intervals
  - ☐ Plan to initiate in 2022

### **Check-in**

Any clarifying questions?

Moving forward: Modifications? Additions? Removals?

**Proposed:** Develop and implement robust hiring processes to help us identify, attract, and hire the best candidates for open roles

**Proposed:** Create a safe working environment for

all WCSA employees

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# Financial Viability

To serve as financial stewards of WCSA's resources



# **Financial Viability**



Strategy 1: Create a culture of <u>continuous improvement</u> to support employee awareness, training, product quality and increased efficiency



#### **Progress and Next Steps**

- Considerable Turnover in the Controller position
- Leader Standard Work identified as preferred methodology moving forward



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# **Financial Viability**



Strategy 2: Fully implement Automated Metering Infrastructure (AMI) or related system as a business model or policy supports



#### **Progress and Next Steps**

- ✓ Infrastructure is in place
- ☐ Scheduled go-live date is Q1 2023



# **Financial Viability**



Strategy 3: Develop and implement financial metrics



#### Progress and Next Steps

- Started developing metrics and conducted peer benchmarking
- Formalized and adopted financial targets
- Considerable Turnover in the Controller
- ☐ Refine financial metrics and implement



Strategy 4: Continually review and refine methodology for financial support of extension projects



#### **Progress and Next Steps**

✓ Forged stronger relationships with VDH (\$8.1 M in grants in 2021) and Washington County (\$3.0 M in grants in 2022)

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# **Financial Viability**

# **Measures of Success**



- Maintain debt service coverage of at least 1.5x
  - ✓ Achieved
- Maintain water and wastewater reserves at a minimum of 180 days of operational expenses
  - ✓ Achieved
- Evaluate and determine what a healthy ratio of total outstanding debt to: 1) net plant assets is and achieve/maintain target, 2) % of revenue, or other metric as appropriate
  - Conducted peer comparison WCSA is challenged by density and existing debt
  - ☐ Work with County leaders to attract a large customer
- Install and have fully functioning AMI or related system by June 30, 2021
  - ✓ Infrastructure is in place and being commissioned.
  - ☐ Go live is Q1 2023

# Financial Viability

Proposed: Measure of Success - Leader Standard Work (LSW)



Implement Leader Standard Work (LSW) from the Department Head level upward by the end of 2022.

- Behaviors, actions, and tools incorporated into daily work of leaders
- Proven best practices for organizational improvement
- Benefits
  - · Reduces variation
  - · Improves performance
  - · Develops team members
  - Demonstrates how to make smart changes
  - · Supports people
- Defines what, when, and how a leader should take action.

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25

#### **Check-in**

Any clarifying questions?

Moving forward: Modifications? Additions? Removals?

# Communication

To enhance and expand internal and external communication and engagement



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#### Communication



Strategy 1: Evaluate and, as appropriate, develop external communication avenues including online/ customer portal for all business processes, enhanced and current webpage content and push notifications



#### Progress and Next Steps

New CIS and customer portal allows customers to:

- ✓ Create new accounts
- √ Receive bills by email/text
- ✓ Receive disconnect notices by email/text
- ✓ Make payments by cellphone using credit/debit or E-Check

New customer information systems allow communication with customers via text, phone, and e-mail about planned outages, leaks, breaks, etc.

# Communication



Strategy 2: Implement organization wide communication and customer service training





#### Progress and Next Steps

Focus on continuous training, including:

- ☐ Telephone etiquette
- ☐ Listening skills
- Defusing anger
- □ Resolving complaints and challenging customers

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# Communication



Strategy 3: Develop a WCSA intranet and/or employee portal to share information and organizational updates



#### Progress and Next Steps

- ✓ Monitors have been installed at all locations
- ☐ Build and communicate content via the intranet



## Communication Implement Customer Portal allowing all business to be conducted electronically, if desired by the customer, by October 31, 2022 ✓ Progressing toward updated go-live date Ensure at least 8 hours of communication and customer training per year per employee **Measures of** ✓ Continual training to begin October 31, 2022 **Success** WCSA intranet and/or employee portal to be fully functional by July 31, 2022 ✓ Working with Yodeck to get the intranet installed and operational With budget, review/update strategic plan annually as required

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# Check-in Any clarifying questions? Moving forward: Modifications? Additions? Removals?

# **Technology**

To identify, develop, and integrate technology in support of effective operations



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# **Technology**



Strategy 1: Develop a technology road map to evaluate and prioritize new technology needs



#### Progress and Next Steps

- ✓ Developed current state technology roadmap
- ☐ Continue to establish future state technology roadmap



Strategy 2: Evaluate and, if appropriate, implement new or enhanced business systems



#### Progress and Next Steps

- √ Technology road map identifies selected new or enhanced business systems to implement
- Continue to evaluate on a continuous basis



# **Technology Road Map**



#### FY 2021-22

- Implemented new timekeeping and HR management system
- Implemented after-hours answering service
- VT SCADA upgrade for Water Distribution
- ArcGis database upgrade completed

#### **July 2022** - Jun 2023

- □ Customer service and billing software system
- Work order management and inventory control system
- Integration of Muni-Link and Elements software
- ☐ Itron AMI
- ☐ Great Plains SQL server upgrade
- Voice over internet protocol implementation

#### Jul 2023 forward

- ☐ Benchmark with other utilities for business systems solutions
- ☐ Create standard work for purchase orders
- ☐ Benchmark with other utilities to test/establish a business systems solution for accounting software
- □ Evaluate hydraulic modeling software system

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# **Technology**



Strategy 3: Incorporate or transition, as appropriate, to asset-based accounting to support enhanced business system needs



#### **Progress and Next Steps**

☐ Implement Elements work order management software in Q2 FY 23



**Asset-Based Accounting** 



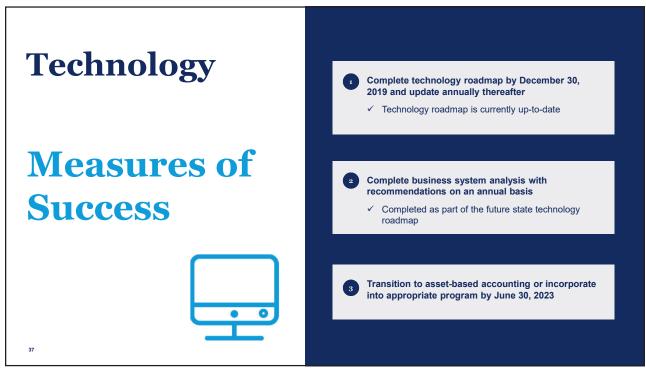




As work is performed on the assets it is associated with the unique number



Staff can understand if assets are failing before the end of their useful life and begin to examine why



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# Check-in Any clarifying questions? Moving forward: Modifications? Additions? Removals? Proposal: Add specific language around cybersecurity posture

# Growth and Expansion

To pursue opportunities for feasible and desirable growth and expansion



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## **Growth and Expansion**



Strategy 1: Identify areas of need in the community (e.g., failing septic, quality or quantity of drinking water)





Areas Identified with Funding



Water

- Mendota Road
- Mary's Chapel Road
- □ Abram's Falls Road□ Green Springs Road
- ☐ Monroe Road
- ☐ Taylor Valley Road
- ☐ Prices Bridge Road
- ☐ Hobbs/Fleenor Memorial Road

Sewer

■ Lee Highway Corridor

# **Growth and Expansion**

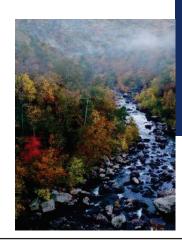


Strategy 2: Consider regional options where feasible and desirable



#### **Progress and Next Steps**

✓ Ongoing engagement with four neighboring utilities since July 1, 2019



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# **Growth and Expansion**



Strategy 3: Refine process for extending service to unserved citizens



#### Progress and Next Steps

- √ Board adopted 10-year user agreement waiving connection fees
- ✓ Process has been refined and WCSA is confident in the results



# **Growth and Expansion**



Strategy 4: Refine process for tracking requests and WCSA commitments to prospective customers



#### Progress and Next Steps

■ WCSA is evaluating electronic opportunities for User Agreements (eliminating the need for a notary)



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# **Growth and Expansion**

# **Measures of Success**



- By June 30, 2020, assess system extension policy and consider updates as appropriate including approval by the Board
  - The Board has adopted the revised user agreement
  - Policy updates have been implemented
  - ✓ Cut-off date has been established for considering extension projects
- Refine process of tracking private development projects by 3rd QTR FYE 23 to make it more efficient for developers, as this is growth in the County.

# **Check-in**

Any clarifying questions?

Moving forward: Modifications? Additions? Removals?

Proposed Strategy: Develop tracking sheet, schedule of commitment for reviewing developer plans and providing comments to make process more efficient to support growth in our County.

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# **Next Steps**

 $(\downarrow)$ 

