Department of Environment & Conservation

Tennessee Association of Utility Districts

Vital for Tennessee's future

Tennessee Infrastructure Scorecard Online Portal Overview

LOG-IN

https://ams.taud.org/ScoreCard/Logln.aspx

TN Department of Environment & Conservation

Tennessee Infrastructure Scorecard

Water Infrastructure Needs Assessment

The Tennessee Infrastructure Scorecard is designed to assist utilities and agencies benchmark a water infrastructure system's financial, managerial, and technical performance. Results from the Scorecard highlight critical system needs. Utilities should use this information to prioritize projects based on the Scorecard results.

The Scorecard is divided into sections covering general system information, finances, asset management, optimization, system compliance, and performance sections. A Scorecard should be completed for all water infrastructure systems managed and operated by the City, County, or Utility District.

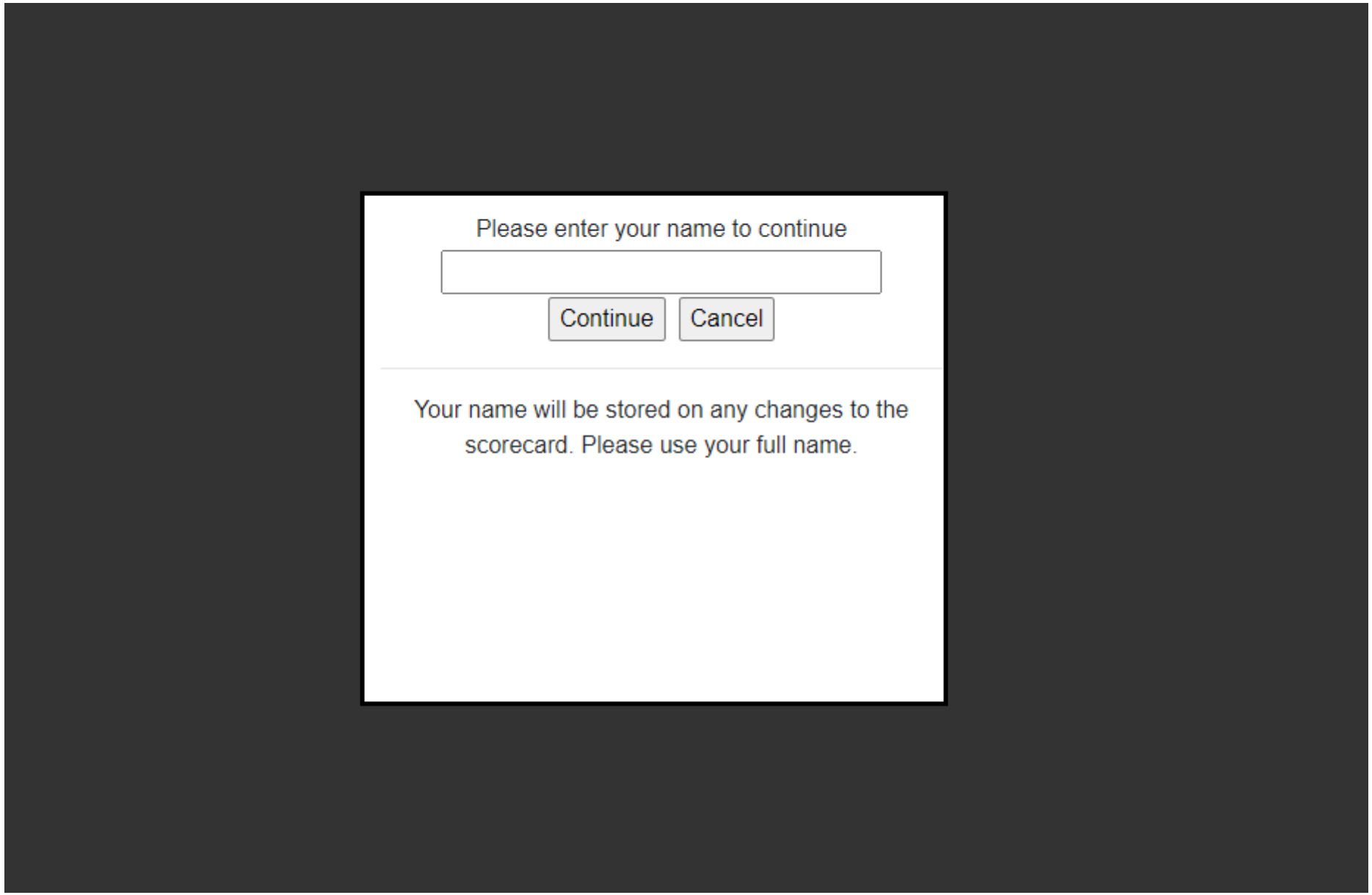
Communities can use this assessment to demonstrate critical needs, develop a business action plan, address management issues, identify simple cost effective actions, and improve optimization and performance of a system.

Any community seeking grant dollars through the State Fiscal Recovery Fund grant program must complete a Scorecard as part of their grant application.

In order to access the Scorecard, please enter the Utility ID Code provided by the Comptroller's Office.

Utility ID Code

Log In


Please enter your name to continue
Continue
Cancel
Your name will be stored on any changes to the scorecard. Please use your full name.

HOME SCREEN

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Welcome Ethan Carter,

To complete the scorecard for Ethan Utility District, you must complete all the worksheets listed below.

SCORECARD COMPLETION STATUS

Status	Worksheet Click on worksheet to complete
☑	General Must be completed first
☐	Financial
☐	Asset Management
☐	Water Assessment
☑	Wastewater Assessment
☐	Drinking Water Optimization
☑	Wastewater Optimization
☑	Risk and Resilience
☑	Stormwater

Water Infrastructure Summary | Submit Score Card

GENERAL SYSTEM INFORMATION

The General Section is designed to collect basic information about the utility system and the community it serves. Input in this section establishes where the system is located, the population, an Ability To Pay index score, number and type of connections, as well as important contact information. Every water infrastructure system managed by the city, county, or utility district should be accounted for in the General Section. Permit and ID numbers are required for each facility. If the utility system has more than one water or wastewater plant, add the additional permit numbers to the appropriate fields.

GENERAL SYSTEM INFORMATION					
Name of Entity:	Ethan Utility District				
Office Address:	840 Commercial Ct				
City:	Murfreesboro	State:	TN	Zip Code:	38506
County:	Rutherford				
Primary Community Served:	Murfreesboro	Population Served:	315,815		
ATPI:	100				
Utility Type:	Utility District				
Number of Water Connections:	15	Total Connections:	9,000		
Number of Wastewater Connections:	9,000				
Number of Employees:	30 Full-time		0 Part-Time		
Does the system have IT infrastructure to support electronic reporting and mapping?	Yes				

Does the system have IT infrastructure to support electronic reporting and mapping?	Yes
Does the city/county have a NPDES Municipal Seperate Storm Sewer System (MS4) Program or Utility?	Yes

PWSID
0000001

Add

Edit

NPDES/SOP
TN0000004
TN0000003

Add

Edit

Insert PWSID and NPDES/SOP number for every water/wastewater infrastructure system managed and operated by the utility.

Utility Contact List

Name	Title	Phone	Email
Ethan Carter	Wastewater Tech	17316761258	EthanCarter@taud.org

Add

Edit

Reporting Requirements

Entity Fiscal Year Ends:	June
Date of Last Audit:	2020
Adverse Audit Findings:	No
Notes:	Test-2

Regionalization

Has the system considered any regional cooperative efforts?	No
Does the system have written or verbal agreements with neighboring utilities?	Yes

FINANCIAL INFORMATION

The Financial integrity of a water infrastructure system is vital to ensuring sustainability as well as providing an adequate level of service for its customers. Connecting the financial health of a system with technical or operational challenges can assist in better decision making for current and future needs. Financial information for all water infrastructure systems should be readily accessible. If information is not easily obtained from office records, data can be retrieved from the audited financial statements submitted to the State of Tennessee Comptroller. Annually, local governments are required to submit financial audits to the TN Comptroller and can find a particular audit at https://comptroller.tn.gov/advanced-search.html.

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FINANCIAL INFORMATION

Performance	**2018**	**2019**	**2020**	○Audited ◉Unaudited **2021**
Operating Revenue (REV)	$ 680,293.00	$ 702,683.00	$ 765,137.00	$ 934,316.00
Operating Expenses (EXP) (including depreciation)	$ 713,706.00	$ 804,844.00	$ 900,022.00	$ 797,471.00
Operating Gain or Loss	$ -33,413.00	$ -102,161.00	$ -134,885.00	$ 136,845.00
Depreciation Expense	$ 151,089.00	$ 153,044.00	$ 154,889.00	$ 155,110.00
Annual Debt Service (Principal & Interest)	$ 58,248.00	$ 58,248.00	$ 51,480.00	$ 51,913.00

Ratios	**2018**	**2019**	**2020**	○Audited ◉Unaudited

○Audited ◉Unaudited

Ratios	2018	2019	2020	2021
Operating Ratio (REV/EXP) (with depreciation)	0.95	0.87	0.85	1.17
	BENCHMARK: 1.0 or higher*			
Operating Ratio (REV/EXP) (without depreciation)	1.21	1.08	1.03	1.45
	BENCHMARK: 1.25 or higher*			
Debt Service Coverage Ratio (REV - EXP + depreciation) / Principal & Interest)	2.02	0.87	0.39	5.62
	BENCHMARK: 1.2 or higher*			

Long-Term Performance	2018	2019	2020	2021
Total Capital Assets	$ 6,213,775.00	$ 6,223,551.00	$ 6,260,801.00	$ 6,223,551.27
Accumulated Depreciation	$ 3,377,111.00	$ 3,530,154.00	$ 3,665,852.00	$ 3,795,711.00
Net Capital Assets	$ 2,836,664.00	$ 2,693,397.00	$ 2,594,949.00	$ 2,427,840.27

Reserves		Rates			
Debt Service	$ 456.57	Cost of Service Study	No	Year of Study	No Study
Repair/Replacement (Depreciation)	$ 0.00	Residential Water Bill at 5,000 gal usage		$	
Other (Specify)	$ 0.00	Commercial Water Bill at 5,000 gal usage		$	
Unrestricted Cash Reserves	$ 0.00	Residential Sewer Bill at 5,000 gal usage		$	34.24
Long-Term Debt Greater than 12-months		Commercial Sewer Bill at 5,000 gal usage		$	34.24
Amount	$ 737,685.00				
Cost Per Connection	$ 81.97				

Accumulated Depreciation	$ 3,377,111.00	$ 3,530,154.00	$ 3,665,852.00	$ 3,795,711.00
Net Capital Assets	$ 2,836,664.00	$ 2,693,397.00	$ 2,594,949.00	$ 2,427,840.27

Reserves		**Rates**		
Debt Service	$ 456.57	Cost of Service Study	No	Year of Study: No Study
Repair/Replacement (Depreciation)	$ 0.00	Residential Water Bill at 5,000 gal usage		$
Other (Specify)	$ 0.00	Commercial Water Bill at 5,000 gal usage		$
Unrestricted Cash Reserves	$ 0.00	Residential Sewer Bill at 5,000 gal usage		$ 34.24
Long-Term Debt Greater than 12-months		Commercial Sewer Bill at 5,000 gal usage		$ 34.24
Amount	$ 737,685.00			
Cost Per Connection	$ 81.97			

Drinking Water Cost		**Wastewater Cost**	
Production cost per 1,000 gallons	$	Treatment Cost per 1,000 gallons	$ 34.00
Retail cost per 1,000 gallons	$	Retail cost per 1,000 gallons	$ 6.85

Check for missing data | Save

ASSET MANAGEMENT

Asset Management Plans are the foundation of sustainability for utility systems of all sizes and types. These plans identify, map, and support an operation and maintenance plan for all assets the utility system is responsible for managing to ensure the system is providing the appropriate level of service to its customers, while tracking needed upgrades, repairs, and maintenance.

ASSET MANAGEMENT	
Asset Management Overview *	
1. Does the utility have an asset management plan (AMP)?	No
2. Is the asset management plan in an accessible format?	No
3. When is the asset management plan updated?	Routinely
4. Does the drinking water system have an up-to-date Capacity Development Plan (CDP)?	Select
5. Does the wastewater system have an up-to-date Capacity, Management, Operations, and Maintenance (CMOM) plan?	No
Current State of Utility Assets *	
6. Is there a current map of the entire water infrastructure system, including any drinking, wastewater, and stormwater systems?	Select
7. What portion of the water infrastructure system is mapped in GIS?	Select
8. Is there a current map of the entire sewer system?	Limited mapping, no plar
9. Is the distribution system map up to date with TDEC?	Select
10. Does the map of the utility system include all lines, pump stations, storage tanks, manholes, and other elements?	Yes
11. Does the mapping system have a strategic numbering of lines, manholes, and other elements?	Yes
12. Does the utility have an inventory and condition assessment of all assets?	Work in Progress, less th

11. Does the mapping system have a strategic numbering of lines, manholes, and other elements?	Yes
12. Does the utility have an inventory and condition assessment of all assets?	Work in Progress, less th
13. If the system is mapped, is it linked to the AMP inventory?	No
14. Date of last revision for system-wide map:	11/30/2021
15. Does the drinking water system have source water limitations?	Select
Level of Service*	
16. Does the system routinely submit a Consumer Confidence Report as required by regulation?	Select
17. Does the utility have clear goals that meet customer expectations?	No Specific Goals
18. Does the utility organization communicate with the customer?	Communication through
19. Does the utility meet current regulatory requirements?	In-Progress
20. Has the drinking water system had a recent Sanitary Survey inspection?	Select
21. Has the utility installed/utilizes software management to collect and analyze usage in the system?	No
22. Does the utility locate I/I and/or repair lines using a systemized method?	Yes
23. Has the wastewater system had a recent Compliance Evaluation Inspection?	Yes
24. Is drinking water design flow on par with the future growth expectations?	No
25. Does the system have planned growth projections?	Select
Critical Assets and Sustainability*	
26. Does the utility assess the probability of failure for inventoried assets?	It`s a work in progress wi
27. Does the organization understand the consequences of individual asset failures?	No-we don't assess cons
28. Does the utility rank assets based on probability and consequence of failure?	No-we don't assess cons
29. Does the utility inventory asset conditions and use for planned O & M, including a proactive work order system?	Yes

19. Does the utility meet current regulatory requirements?	In-Progress
20. Has the drinking water system had a recent Sanitary Survey inspection?	Select
21. Has the utility installed/utilizes software management to collect and analyze usage in the system?	No
22. Does the utility locate I/I and/or repair lines using a systemized method?	Yes
23. Has the wastewater system had a recent Compliance Evaluation Inspection?	Yes
24. Is drinking water design flow on par with the future growth expectations?	No
25. Does the system have planned growth projections?	Select
Critical Assets and Sustainability*	
26. Does the utility assess the probability of failure for inventoried assets?	It`s a work in progress wi
27. Does the organization understand the consequences of individual asset failures?	No-we don't assess cons
28. Does the utility rank assets based on probability and consequence of failure?	No-we don't assess cons
29. Does the utility inventory asset conditions and use for planned O & M, including a proactive work order system?	Yes
30. Is the distribution system actively addressing current water loss issues with leak detection, meter change outs, or other methods?	Select
Life Cycle Costs*	
31. Does the utility use system knowledge to proactively address O & M and replacement issues?	No-we are reactive at the
32. Does the utility system management consider life cycle costs when making infrastructure investment decisions?	Yes
33. Does business risk drive investment in assets?	No
34. Is there a budget for future infrastructure replacement or expansion needs?	No
35. Does the organization have a Capital Improvement Plan that considers valid needs, future growth, projected costs, and sources of funding?	No

Check for missing data | Save

WATER ASSESSMENT

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The Water Assessment section collects basic information about the drinking water treatment plant and distribution system. This includes both produced and purchased water. Most facility operators know if the system they are operating has compliance issues, aging facilities, or significant water loss. Asset maps, asset inventories and condition assessments, as well as the system PWSID information and any compliance letters are useful in completing the requested information.

Automatically Calculated | Requires User Input

WATER ASSESSMENT FOR 0000001	
System Information	
1. Has the facility had any acute health, health based, monitoring, reporting, public notice, or other violations in the last 5 years?	Select
2. What is the current enforcement targeting tool score?	
3. Is the facility under a state mandated compliance order?	Select
Water Treatment Plant	
4. Source water type:	Select
5. Age of drinking water treatment facility:	Select
6. Drinking water design capacity:	MGD
7. Has the system reached or nearly reached the 80% design capacity of the plant?	Select
Distribution System	
8. Does the distribution system have components that could introduce significant lead content to the drinking water?	Select

Distribution System		
8. Does the distribution system have components that could introduce significant lead content to the drinking water?	Select	
9. Total linear feet of distribution lines?		linear feet
10. Total number of line breaks, last two years?		
11. What percentage of the lines are over 50 years old?	Select	
12. Total system number of booster pump stations?		
13. Total system number of storage tanks?		
Water Loss		
14. How much water did the system **treat or purchase** in the last year in million gallons? *(See row 19 of the AWWA Water Audit)*		MG
15. How much **billed water** did the system sell to customers or other systems in million gallons? *(Wholesale) exported + inside sales = (Water exported + billed metered + billed unmetered)*		MG
16. Accounted unbilled, metered water, flushing, fire dept. etc....		MG
17.Accounted for water = Billed water and accounted for unbilled, metered water		MG
18. Unaccounted for water = (treated + purchased water) - accounted for water		MG
19. Water loss		%

Check for missing data Save

DRINKING WATER OPTIMIZATION

The Drinking Water Optimization section assists in determining the system's level of potential energy savings as well as self-identification of challenges maintaining compliance with emerging contaminant. These simple, low to no cost operational adjustments can optimize energy savings and improving the utility's budget bottom line.

DRINKING WATER OPTIMIZATION	
Water Energy Assessment	
1. Are automatic controls (SCADA) used in process operation of water treatment plant facilities and/or distribution system?	Select
2. Is the plant utilizing control methods (i.e., maintenance programs, equipment optimization) to meet limits?	Select
3. Have basic controls such as lighting been automated to reduce energy consumption in little-used areas (i.e., LED bulbs, timers)?	Select
4. Have automated controls (i.e., variable speed drives, soft starts) been utilized on plant & pump station motors to reduce consumption?	Select
5. Has the facility taken steps to optimize high-consumption processes during low-peak hours (i.e., nights)?	Select
6. Has equipment startup been staggered to reduce peak-consumption power-factor adjustments from local electric departments?	Select
7. Can facility daily operations be changed during low-demand periods (i.e., reducing online high-service pumps, clear wells)?	Select
8. Does the system use on-line process sensors to optimize facility treatment process (i.e., Automated start/stop sensors, level sensors)?	Select
9. Does the facility have an active water-loss reduction program to reduce energy consumption within the distribution system?	Select
10. Has the facility acquired the services of a professional organization to perform an energy assessment on all treatment processes?	Select
Drinking Water Plant	
11. Does the system experience TTHM or HAA5 levels above 60% of the MCL?	Select
12. Does the system experience finished turbidity levels over 0.2 NTU?	Select
13. Does the system experience finished water TOC levels above 1.7 mg/l?	Select

10. Has the facility acquired the services of a professional organization to perform an energy assessment on all treatment processes?	Select
Drinking Water Plant	
11. Does the system experience TTHM or HAA5 levels above 60% of the MCL?	Select
12. Does the system experience finished turbidity levels over 0.2 NTU?	Select
13. Does the system experience finished water TOC levels above 1.7 mg/l?	Select
14. Does the water system pre-chlorinate?	Select
15. Is there interest in system optimization using no to low cost treatment performance improvements?	Select
Distribution System	
16. Does the system experience TTHM or HAA5 levels above 60% of the MCL?	Select
17. Is tank turnover recorded?	Select
18. Does the system know or calculate tank mixing ratios?	Select
19. Does the system maintain distribution chlorine residuals greater than (>) 0.2 ppm at all times?	Select
20. Is there interest in system optimization using no to low cost distribution performance improvements?	Select

Check for missing data | Save

WASTEWATER ASSESSMENT

The Wastewater Assessment section collects basic information about your wastewater treatment works and collection system. Most facility operators know if the system they are operating have compliance issues, aging facilities, or significant inflow and infiltration (I/I) concerns.. Asset maps, asset inventories and condition assessments, as well as your current permit information and any compliance letters can assist you in completing this section.

Automatically Calculated | Requires User Input

Select NPDES/SOP

	NPDES/SOP
Select	TN0000004
Select	TN0000003

WASTEWATER ASSESSMENT FOR TN0000004

System Information

1. Is the system meeting current permit requirements?	No
1a. How many effluent violations in the past two years?	0
2. Do any of the effluent violations register as Significant Non Compliance?	Yes
3. Is the facility under a state mandated compliance order?	Yes
3a. Is the system currently meeting the compliance schedule?	Select

Wastewater Treatment

4. Type of wastewater treatment facility?	Fixed Film

Wastewater Treatment	
4. Type of wastewater treatment facility?	Fixed Film
5. Age of wastewater treatment facility:	30-50 years
6. Facility Hydraulic Design Capacity, MGD?	0.1 MGD
7. Has the system reached or nearly reached the 80% design capacity of the plant?	No
Collection System	
8. Type of collection system?	Gravity
9. What percentage of the lines are over 50 years old?	>50%
10. Number of sanitary sewer connections?	55
11. Number of commercial & industrial sewer connections?	20
12. Number of line breaks, in past two years?	0
13. Total linear feet of collection lines?	4,000 linear feet
14. Total number of lift stations?	2
15. Total system number of manholes?	15
16. Number of Wet Weather Overflows, in past two years?	1
17. Number of Dry Weather Overflows, in past two years?	0
18. Number of Wet Weather Releases, in the past two years?	0
19. Number of Dry Weather Releases, in the past two years?	0
Inflow & Infiltration(I/I)	
20. Average Daily Dry Weather Flow (ADDWF): What is the lowest 7-day consecutive flow the facility has experienced within the last year in MGD? (7	

12. Number of line breaks, in past two years?	0	
13. Total linear feet of collection lines?	4,000	linear feet
14. Total number of lift stations?	2	
15. Total system number of manholes?	15	
16. Number of Wet Weather Overflows, in past two years?	1	
17. Number of Dry Weather Overflows, in past two years?	0	
18. Number of Wet Weather Releases, in the past two years?	0	
19. Number of Dry Weather Releases, in the past two years?	0	
Inflow & Infiltration(I/I)		
20. Average Daily Dry Weather Flow (ADDWF): What is the lowest 7-day consecutive flow the facility has experienced within the last year in MGD? *(7 consecutive day low flow average within latest audited fiscal year.)*	0.30	MGD
21. Average Daily Flow (ADF): Calculate the influent average daily flow based on the most recent 12 month or annual basis. *(Make sure the ADF calculation is based on the latest audited fiscal year.)*	0.50	MGD
22. Average Daily I/I Rate (aQI/I):	0.20	MGD
23. Annual Influent Total Flow (ATF):	182.50	MG
24. Percent Inflow and Infiltration (I/I) (%):	40	%
25. Annual I/I Volume, MGD (aVI/I):	73.00	MG

Check for missing data | Save

WASTEWATER OPTIMIZATION

The Wastewater Optimization section assists in determining the system's level of potential energy savings from simple measures. These simple, low to no cost operational adjustments can optimize energy savings and improving the utility's budget bottom line.

WASTEWATER OPTIMIZATION

Wastewater Energy Assessment

1. Are automatic controls (SCADA) used in process operation of wastewater treatment plant facilities?	Yes
2. Are automatic controls (SCADA) used in process operation of collection system lift stations?	Yes
3. Have basic controls such as lighting been automated to reduce energy consumption in little-used areas (i.e., LED bulbs, timers)?	Partially
4. Have automated controls (i.e., variable speed drives, soft starts) been utilized on plant & lift station motors to reduce consumption?	No
5. Has the facility taken steps to optimize high-consumption processes during low-peak hours (i.e., nights)?	No
6. Has equipment startup been staggered to reduce peak-consumption power-factor adjustments from local electric departments?	No
7. Can facility daily operations be changed during low-flow periods (i.e., reducing active aeration tanks, blowers, pumps)?	No
8. Does the system use on-line process sensors to optimize facility treatment process (i.e., Automated DO sensors, level sensors)?	No
9. Is the plant utilizing control methods (i.e., maintenance programs, equipment optimization) to meet minimum discharge limits?	Partially
10. Is the plant operating for biological nutrient optimization?	No
11. Has the facility acquired the services of a professional organization to perform an energy assessment on all treatment processes?	No

Check for missing data Save

RISK & RESILIENCY

The Risk and Resiliency section targets a system's critical assets during emergency and disaster situations. Designated staff with the appropriate risk management training should be engaged to answer these questions. Appropriate staff members are those that deal with Incident Command. These individuals are critical in high risk/high hazard situations and are essential in asset protection. Systems should take great care in how these assets are managed and used in times where critical infrastructure is at risk.

RISK AND RESILIENCY	
1 Has the system evaluated its vulnerability and risk to natural disasters?	Yes
2. Has the system identified vulnerabilities and administrative or infrastructure needs to negate it?	Yes
3. Has the system, evaluated its cyber vulnerability with regard to operations and business systems?	Unsure
4. Has the system completed a cyber security evaluation such as the EPA checklist? View Checklist	No
5. Does the system have an Emergency Operations Plan or Emergency Response Plan?	Unsure
6. Has the system updated its Emergency Operations Plan or Emergency Response Plan to reflect results of risk and vulnerability assessments?	Unsure
7. Has the system developed a Continuity of Operations Plan, to address staffing shortages or supply chain disruptions?	No
8. Does the system have available emergency generators, portable pumps, backup equipment or redundancy in the system?	No
9. What is the level of certification for National Incident Management System (NIMS)?	No training completed/unknown
10. Is the system a member of TNWARN?	Yes
11. Does the system have Mutual Aid and Assistance (MAA) agreements with neighboring systems?	Yes
12. Does the utility have Emergency Power for Critical Operations (EPCO)?	Yes

Check for missing data Save

STORMWATER

Stormwater runoff can be harmful to water quality and communities. Many cities and counties across the state are required to regulate stormwater and address pollutant runoff. In Tennessee the NPDES program regulates stormwater discharges from municipal separate storm sewer systems (MS4s). The following section identifies key areas of a robust stormwater program. Most MS4s should have these elements or are currently working to develop them. This checklist can identify areas of opportunity to develop a more robust stormwater program.

STORMWATER	
1. Provide the NPDES MS4 permit number (NPDES-TNS):	TNS000000
2. Does the system have a stormwater utility fee?	No
3. If no, is the system considering a fee?	We have stormwater utility fee
4. Does the system have a stormwater management plan?	No
5. Does the system have a storm sewer system map?	Yes
6. If yes, is the map in GIS?	No
7. Does the map include all outfalls, inlets, and a direction of flow?	Yes
8. Does the system program have a numbered system for outfalls and inlets?	Yes
9. Does the system have a Stormwater Enforcement Response Plan?	No
10. Does the system have a signed stormwater ordinance?	No
11. Does the system have an active stream monitoring program?	Yes
12. Does the system submit Annual Reports on the stormwater program to TDEC?	Yes
13. Are the submitted reports considered effective at addressing stormwater program needs?	Yes
14. Is there a public information and education plan in place?	Yes

5. If no, is the system considering a fee?	We have stormwater utility fee
4. Does the system have a stormwater management plan?	No
5. Does the system have a storm sewer system map?	Yes
6. If yes, is the map in GIS?	No
7. Does the map include all outfalls, inlets, and a direction of flow?	Yes
8. Does the system program have a numbered system for outfalls and inlets?	Yes
9. Does the system have a Stormwater Enforcement Response Plan?	No
10. Does the system have a signed stormwater ordinance?	No
11. Does the system have an active stream monitoring program?	Yes
12. Does the system submit Annual Reports on the stormwater program to TDEC?	Yes
13. Are the submitted reports considered effective at addressing stormwater program needs?	Yes
14. Is there a public information and education plan in place?	Yes
15. Is there an illicit discharge detection and elimination plan in place?	No
16. Recent audit inspection of the stormwater program compliance status?	Out of Compliance

Check for missing data | Save

WATER INFRASTRUCTURE SUMMARY

In the Summary section, Scorecard results are combined to assist communities in identifying areas of critical water infrastructure needs. Systems are encouraged to use this information to support Business Action Plans, address management issues, and identify a range of cost saving actions and efficiencies. Areas highlighted in red indicate opportunities for improvement where communities can work towards appropriate levels of operational performance. If Scorecard results indicate multiple areas for improvement, systems should begin addressing foundational issues. It is recommended that all systems strive to meet the minimum expectations for asset management plans and address all significant compliance issues. Next, addressing water loss, inflow and infiltration, and replacing aging and failing infrastructure could be a priority. As a system works to resolve and mitigation critical needs, the financial integrity and sustainability of the utility should improve.

WATER INFRASTRUCTURE SUMMARY					
Name of Entity:	Riceville Utility District				
Office Address:	3802 highway 11s				
City:	Riceville	State:	tn	Zip Code:	37370
County:	McMinn				
Primary Community Served:	Athens		Population:	3,612	
ATPI:	50				
Utility Type:	Utility District				
Number of Water Connections:	1,445				
Number of Employees:	3 Full-time		1 Part-Time		
Does your utility run more than one water system?					

PWSID

PWSID
PWS0000576

UTILITY CONTACT LIST

Name	Title	Phone	Email
Virginia Jennings	MANAGER	14234622701	rud07@comcast.net

REPORTING REQUIREMENTS

Entity Fiscal Year:	June
Date of Last Audit:	JUNE 30, 2021
Adverse Audit Findings:	Yes
Notes:	2021-001 Segregation of Duties Original finder number :2007-001

REGIONALIZATION

Has the system considered any regional cooperative efforts?	No
Does the system have written or verbal agreements with neighboring utilities?	No

ASSET MANAGEMENT	
Asset Mangement Plan	Yes
GIS Mapping	0-25%
Inventory and Condition Assessment	Yes
Planned O&M and Work Order System	Yes
Meter Testing & Changeouts	Yes
Captital Improvement Plan & Budget	No
IT Infrastructure	No

WATER LOSS	
Unaccounted Water Loss	13%
Millions of Gallons/year	11.04
Production Cost/year	$110,620.80

Does the system have written or verbal agreements with neighboring utilities?	No

ASSET MANAGEMENT		WATER LOSS	
Asset Mangement Plan	Yes	**Unaccounted Water Loss**	13%
GIS Mapping	0-25%	Millions of Gallons/year	11.04
Inventory and Condition Assessment	Yes	Production Cost/year	$110,620.80
Planned O&M and Work Order System	Yes		
Meter Testing & Changeouts	Yes		
Captital Improvement Plan & Budget	No		
IT Infrastructure	No		

MODERNIZATION			
Drinking Water Plant >80% Capacity			Yes
Age of Drinking Water Plant	50+ years	Age of Drinking Water Lines, %	0-25%

COMPLIANCE	
Drinking Water Violations	No
State Mandated Compliance Order (Water)	No
Meeting Order Requirements (Water)	N/A

STORMWATER	
Stormwater Management Plan	
System-Wide Map	