



"That good York water"
SINCE 1816

The York Water Company

April 30, 2026

Matthew Homsher, Secretary
Pennsylvania Public Utility Commission
P. O. Box 3265
North Office Building
Harrisburg, PA 17105-3265

Re: Docket M-2026-3059580
Water Audit Methodology

Dear Secretary Homsher:

Enclosed please find The York Water Company's Water Audit Summary for the year ended December 31, 2025. Should you or a member of your staff have any questions, please contact me directly. My contact information is included below.

Sincerely,

JT Hand
President and Chief Executive Officer

E: jth@yorkwater.com
D: (717) 718-7554
F: (717) 852-0058



AWWA Free Water Audit Software: Worksheet

FWAS v6.1
American Water Works Association.
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Water Audit Report for: **The York Water Company**
 Audit Year: **2025** | **Jan 01 2025 - Dec 31 2025** | **Calendar**

Click 'n' to add notes
 Click 'g' to determine data validity grade
 To edit water system info: [go to start page](#)
 All volumes to be entered as: MILLION GALLONS (US) PER YEAR

To access definitions, click the [input name](#)

Water Supplied Error Adjustments

choose entry option:

WATER SUPPLIED	Volume from Own Sources: <input type="text" value="n"/> <input type="text" value="g"/> <input type="text" value="7"/>	8,907.596	MG/Yr	<input type="text" value="n"/> <input type="text" value="g"/> <input type="text" value="8"/>		<input type="text" value="percent"/>	
VOS	Water Imported: <input type="text" value="n"/> <input type="text" value="g"/> <input type="text" value="n/a"/>	0.000	MG/Yr				
WI	Water Exported: <input type="text" value="n"/> <input type="text" value="g"/> <input type="text" value="3"/>	214.074	MG/Yr	<input type="text" value="n"/> <input type="text" value="g"/> <input type="text" value="4"/>		<input type="text" value="percent"/>	
WE							
WATER SUPPLIED:		8,693.522	MG/Yr				

VOSEA
WIEA
WEEA

AUTHORIZED CONSUMPTION

BMAC	Billed Metered: <input type="text" value="n"/> <input type="text" value="g"/> <input type="text" value="8"/>	5,966.629	MG/Yr				
BUAC	Billed Unmetered: <input type="text" value="n"/> <input type="text" value="g"/> <input type="text" value="n/a"/>	0.000	MG/Yr				
UMAC	Unbilled Metered: <input type="text" value="n"/> <input type="text" value="g"/> <input type="text" value="10"/>	434.079	MG/Yr				
UUAC	Unbilled Unmetered: <input type="text" value="n"/> <input type="text" value="g"/> <input type="text" value="8"/>	76.599	MG/Yr				
AUTHORIZED CONSUMPTION:		6,477.307	MG/Yr				

choose entry option:

MG/Yr

WATER LOSSES

2,216.215 MG/Yr

Apparent Losses

Default option selected for Systematic Data Handling Errors, with automatic data grading of 3

SDHE	Systematic Data Handling Errors: <input type="text" value="n"/> <input type="text" value="g"/> <input type="text" value="3"/>	14.917	MG/Yr				
CMI	Customer Metering Inaccuracies: <input type="text" value="n"/> <input type="text" value="g"/> <input type="text" value="3"/>	64.654	MG/Yr				
UC	Unauthorized Consumption: <input type="text" value="n"/> <input type="text" value="g"/> <input type="text" value="6"/>	14.699	MG/Yr				
Apparent Losses:		94.269	MG/Yr				

choose entry option:

0.25%	default
1.00%	percent
<input type="text" value="custom"/> <input type="text" value="14.699"/> MG/Yr	

[under-registration](#)

Real Losses

Real Losses: **2,121.946** MG/Yr

WATER LOSSES: **2,216.215** MG/Yr

NON-REVENUE WATER

NON-REVENUE WATER: **2,726.893** MG/Yr

SYSTEM DATA

Lm	Length of mains: <input type="text" value="n"/> <input type="text" value="g"/> <input type="text" value="10"/>	1,120.5	miles		(including fire hydrant lead lengths)
Nc	Number of service connections: <input type="text" value="n"/> <input type="text" value="g"/> <input type="text" value="10"/>	74,085			(active and inactive)
	Service connection density:	66	conn./mile main		
	Are customer meters typically located at the curbstop/property line?	No			
Lp	Average length of (private) customer service line: <input type="text" value="n"/> <input type="text" value="g"/> <input type="text" value="1"/>	40.0	ft		(average distance between property line and meter)
AOP	Average Operating Pressure: <input type="text" value="n"/> <input type="text" value="g"/> <input type="text" value="8"/>	86.0	psi		

COST DATA

CRUC	Customer Retail Unit Charge: <input type="text" value="n"/> <input type="text" value="g"/> <input type="text" value="10"/>	\$7.70	\$/1000 gallons (US)		
VPC	Variable Production Cost: <input type="text" value="n"/> <input type="text" value="g"/> <input type="text" value="10"/>	\$414.84	\$/Million gallons		
				Total Annual Operating Cost	
				\$49,252,327	\$/yr (optional input)

Click here to calculate carbon emissions ---> [carbon](#)

WATER AUDIT DATA VALIDITY TIER:

***** The Water Audit Data Validity Score is in Tier IV (71-90). See Dashboard tab for additional outputs. *****

[go to dashboard](#)

A weighted scale for the components of supply, consumption and water loss is included in the calculation of the Water Audit Data Validity Score

PRIORITY AREAS FOR ATTENTION TO IMPROVE DATA VALIDITY:

Based on the information provided, audit reliability can be most improved by addressing the following components:

- | |
|---|
| 1: Volume from Own Sources (VOS) |
| 2: Customer Metering Inaccuracies (CMI) |
| 3: Billed Metered (BMAC) |

KEY PERFORMANCE INDICATOR TARGETS:

OPTIONAL: If targets exist for the operational performance indicators, they can be input below:

Unit Total Losses:	<input type="text"/>	gal/conn/day
Unit Apparent Losses:	<input type="text"/>	gal/conn/day
Unit Real Losses ¹ :	<input type="text"/>	gal/conn/day
Unit Real Losses ² :	<input type="text"/>	gal/mile/day

If entered above by user, targets will display on KPI gauges (see Dashboard)