KENTUCKY-AMERICAN WATER COMPANY
CASE NO. 2025-00171
COMMISSION STAFF'S SECOND REQUEST FOR INFORMATION

Witness: Dominic DeGrazia

1. Refer to Kentucky-American's response to Commission Staff's First Request for Information (Staff's First Request), Items 4 and 5. Reconcile the assets of Water Service Company of Kentucky (Water Service Kentucky) of $10,225,788 and the journal entries to be recorded by Kentucky-American totaling $15,801,791.

Response:

Please refer to KAW_R_PSCDR2_NUM001_071525_Attachment.

KENTUCKY-AMERICAN WATER COMPANY
Balances as of 5/31/2025
KAW_R_PSCDR2_NUM001_071525_Attachment

		Water Service Kentucky	Adjustments	KAWC Consolidated Post Acquisition	
UTILITY PLANT					
101-106	Utility Plant	$ 14,629,120		$ 14,629,120	
108	Accumulated Depreciation (Cr.)	(6,950,582)		(6,950,582)	
114-115	Utility Plant Acquisition Adjustments (Net of Accum. Amort.)	(100,969)		(100,969)	
116	Other Utility Plant Adjustments	0		0	
	Net Utility Plant	$ 7,577,569	$ -	$ 7,577,569	
OTHER PROPERTY AND INVESTMENTS					
123	Investment in Assoc. Companies		4,550,113	4,550,113	
	Total Other Property and Investments	$ -	$ 4,550,113	$ 4,550,113	
CURRENT AND ACCRUED ASSETS					
131	Cash	1,951,391		1,951,391	
141-144	Account & Notes Receivable, Less Accum Provision for unco	768,089		768,089	
145	Accts. Rec. from Assoc. Companies	(755,126)	755,126	0	
151-153	Materials and Supplies	11,646		11,646	
	Total Current and Accrued Assets	$ 1,976,000	$ 755,126	$ 2,731,126	
DEFERRED DEBITS					
186	Miscellaneous Deferred Debits	672,218		672,218	
	Total Deferred Debits	$ 672,218	$ -	$ 672,218	
	Total Assets and Other Debits	**$ 10,225,787**	**$ 5,305,239**	**$ 15,531,026**	
EQUITY CAPITAL					
201-203	Common Stock	$ 1,000	(1,000)	$ -	
211	Other Paid-In Capital	$ 2,834,076	(2,834,076)	-	
214_215	Retained Earnings	$ 215,363	(215,363)	0	
	Total Equity Capital	$ 3,050,439	$ (3,050,439)	$ -	
CURRENT AND ACCRUED LIABILITIES					
231	Accounts Payable	1,533,144		1,533,144	
232	Notes Payable		13,671,065	13,671,065	
233	Accts. Payable to Assoc. Companies	4,374,030	(4,374,030)	0	
235	Customer Deposits	70,471		70,471	
236	Taxes Accrued	54,809	(54,809)	0	
237	Accrued Interest	3,697		3,697	
	Total Current and Accrued Liabilities	$ 6,036,151	$ 9,242,226	$ 15,278,377	
CONTRIBUTIONS IN AID OF CONSTRUCTION					
271	Contributions in Aid of Construction	422,445		422,445	
272	Accumulated Amortization of CIAC	(169,796)		(169,796)	
	Total Contributions in Aid of Construction	$ 252,649	$ -	$ 252,649	
ACCUMULATED DEFERRED INCOME TAXES					
283	Accumulated Deferred Income Taxes	886,548	(886,548)	0	
	Total Accumulated Deferred Income Taxes	$ 886,548	$ (886,548)	$ -	
	Total Equity Capital and Liabilities	**$ 10,225,787**	**$ 5,305,239**	**$ 15,531,026**	A

Purchase Price **$13,671,065**

Account		Description	Journal Entries	Debit/Credit	
101 - 106		Utility Plant Purchased or Sold	7,678,538	Debit	
114-115		Utility Plant Acquisition Adjustments (Net of Accum. Amort.)	(100,969)	Credit	
	123.0	Investments in Affiliated Companies	4,550,113	Debit	
	131.0	Cash	1,951,391	Debit	
141-144		Account & Notes Receivable, Less Accum Provision	768,089	Debit	
151-153		Materials and Supplies	11,646	Debit	
	186.0	Miscellaneous Deferred Debits	672,218	Debit	
		Assets and Other Debits	**$15,531,026**		A
	231.0	Accounts Payable	(1,533,144)	Credit	
	232.0	Notes Payable*	(13,671,065)	Credit	
	235.0	Customer Deposits	(70,471)	Credit	
	237.0	Accrued Interest	(3,697)	Credit	
	271.0	Contributions in Aid of Construction (net of accumulated amort.)	(422,445)	Credit	
	272.0	Accumulated Amortization	169,796	Debit	
		Equity Capital and Liabilities	**($15,531,026)**		A

*Purchase Price $13,671,065

KENTUCKY-AMERICAN WATER COMPANY
CASE NO. 2025-00171
COMMISSION STAFF'S SECOND REQUEST FOR INFORMATION

Witness: Dominic DeGrazia

2. Refer to Kentucky-American's response to Staff's First Request, Item 5.

   a. Reconcile the difference between the journal entries provided and the purchase price.

   b. Confirm that "Investments in Affiliated Companies" will not be included in utility assets. If this cannot be confirmed, explain.

Response:

a. Please refer to KAW_R_PSCDR2_NUM002_071525_Attachment

b. Confirmed. As stated at Paragraph 15 of the Joint Application in this matter, KAWC will not request any adjustment for ratemaking purposes to reflect the difference between the book value of the assets and the allocated share of the total purchase price.

Please also see the response to Question No. 5 and No. 12.

KENTUCKY-AMERICAN WATER COMPANY
Balances as of 5/31/2025
KAW_R_PSCDR2_NUM002_071525

Purchase Price **$13,671,065**

Account	Description	Journal Entries	Debit/Credit
101 - 106	Utility Plant Purchased or Sold	7,678,538	Debit
114-115	Utility Plant Acquisition Adjustments (Net of Accum. Amort.)	(100,969)	Credit
123.0	Investments in Affiliated Companies	4,550,113	Debit
131.0	Cash	1,951,391	Debit
141-144	Account & Notes Receivable, Less Accum Provision	768,089	Debit
151-153	Materials and Supplies	11,646	Debit
186.0	Miscellaneous Deferred Debits	672,218	Debit
231.0	Accounts Payable	(1,533,144)	Credit
232.0	Notes Payable*	(13,671,065)	Credit
235.0	Customer Deposits	(70,471)	Credit
237.0	Accrued Interest	(3,697)	Credit
271.0	Contributions in Aid of Construction (net of accumulated amort.)	(422,445)	Credit
272.0	Accumulated Amortization	169,796	Debit
Total		**$0**	

*Purchase Price $13,671,065

KENTUCKY-AMERICAN WATER COMPANY
CASE NO. 2025-00171
COMMISSION STAFF'S SECOND REQUEST FOR INFORMATION

Witness: Dominic DeGrazia

3. Refer to Kentucky-American's response to Staff's First Request, Items 5 and 11. Provide the information referenced in Item 5, 11(b), and 11(c) in Excel spreadsheet format with all formulas, columns, and rows unprotected and fully accessible.

Response:

Please refer to KAW_R_PSCDR2_NUM003_071525_Attachment.

KENTUCKY-AMERICAN WATER COMPANY
CASE NO. 2025-00171
COMMISSION STAFF'S SECOND REQUEST FOR INFORMATION

Witness: William A. Lewis

4. Refer to Kentucky-American's response to Staff's First Request, Item 6. Explain whether and how American Water Works Company (American Water) evaluated Nexus Water Group (Nexus Group) as a going concern prior to and at the time it entered into the Purchase Agreement. If American Water did not perform any such evaluation, explain how American Water determined that the purchase will be beneficial to American Water and specifically to Kentucky-American.

Response:

American Water did not evaluate Nexus Group as a going concern or as a business entity because Nexus Group itself is not the subject to the proposed transaction. American Water's evaluation focused on specific systems owned and offered by Nexus Regulated Utilities subsidiaries in multiple states that were determined to be a good strategic and operational fit for American Water's business based on respective size, scope, and geographic location. Please see the response to Question 10 for how American Water evaluated a potential purchase of those subsidiaries through a competitive auction process that began in the Fall of 2024.

KENTUCKY-AMERICAN WATER COMPANY
CASE NO. 2025-00171
COMMISSION STAFF'S SECOND REQUEST FOR INFORMATION

Witness: Dominic DeGrazia

5. Refer to Kentucky-American's response to Staff's First Request, Item 6.

   a. Explain how the sale amount reflects fair market value, if no appraisal has been obtained.

   b. For each asset, explain how the value was determined for the purpose of this transaction.

   c. Explain how the transaction amounts will eventually result in fair, just and reasonable rates for current Kentucky-American customers.

Response:

a. The purchase price was negotiated as part of a broader, arm's length agreement, between two sophisticated utility parties. The purchase price is not intended to reflect fair market value, and no appraisal was obtained. KAWC is not seeking approval in this case and will not seek approval in future cases of the "fair market value" of what is being purchased. Instead, KAWC will seek recovery of the book value of the acquired assets. Thus, "fair market value" is not relevant to the change of control the Joint Applicants are requesting in this case.

This means that KAWC will not be seeking recovery for any potential difference in fair market value of the assets being acquired and the $13.6 million purchase price being allocated to KAWC. As shown on the Journal Entry provided in response to Staff Request 1, Item 5, KAWC estimates the difference between the purchase price and the value of the assets being acquired to be $4.6 million (refer to Account 123 on the Journal Entry). KAWC will not seek recovery of the differential between the purchase price and the value of the assets being acquired. The final book value and purchase price are subject to change and will be set at closing. As explained in the Petition, the purchase price is subject to adjustment at the closing of the purchase based on the calculations and criteria provided in the Purchase Agreement.

For ratemaking purposes, KAWC will be seeking only the book value of the acquired assets which is the standard under Commission precedent absent a request to recover more than that amount in the way of an "acquisition adjustment." See the Commission's September 11, 1985 Order (p. 3) in Case No. 9059 in which the Commission stated, "The Commission maintains its position that the net original cost of plant devoted to utility use is the fair value for rate-making purposes . . . ." This is precisely what KAWC proposes in this case as it is not seeking an "acquisition adjustment."

b. The utility plant value was the original cost at the time of installation, less any applicable accumulated depreciation using the depreciation rates approved by this Commission.

c. The Company is not proposing any changes in rates in this proceeding, and any rate changes in the future will be subject to Commission review and approval. Those rates will be fair, just, and reasonable because that process will ensure that is the case and because KAWC's proposal in this case is consistent with Case No. 9059 cited above.

KENTUCKY-AMERICAN WATER COMPANY
CASE NO. 2025-00171
COMMISSION STAFF'S SECOND REQUEST FOR INFORMATION

Witness: Dominic DeGrazia

6. Refer to Kentucky-American's Response to Staff's First Request, Item 6. State how American Water evaluated Nexus Group's assets associated with the proposed transaction. If no evaluation or appraisal was performed by American Water, explain how the current purchase price of $315 million and Kentucky-American's allocation of $13.671 million are fair, just and reasonable for current Water Service Kentucky and Kentucky-American customers.

Response:

Please see response to Question 5.

KENTUCKY-AMERICAN WATER COMPANY
CASE NO. 2025-00171
COMMISSION STAFF'S SECOND REQUEST FOR INFORMATION

Witness: Dominic DeGrazia

7. Refer to Kentucky-American's response to Staff's First Request, Items 6 and 7. Explain how Kentucky-American's allocation of the overall purchase price was calculated and provide the calculations.

Response:

The total purchase price for the transaction is $315 million, subject to adjustment at the closing of the purchase based on the calculations and criteria provided in the Purchase Agreement. American Water intends to allocate KAWC the portion of the final purchase price based upon the ratio of Water Service's capital structure balance to that of total capital structure balance of the entities acquired through the Purchase Agreement. Water Service's total capital structure balance represents approximately 4.34 percent of the total capital structure balance. Please see Kentucky-American's response to Staff's First Request, Item 11 and Staff's Second Request, Item 13.

KENTUCKY-AMERICAN WATER COMPANY
CASE NO. 2025-00171
COMMISSION STAFF'S SECOND REQUEST FOR INFORMATION

Witness: Dominic DeGrazia

8. Refer to Kentucky-American's response to Staff's First Request, Items 6 and 11. Confirm that Kentucky-American is not purchasing Water Service Kentucky's assets for the amount of $13.6 million, the amount is an allocated portion of the transaction. If not confirmed, reconcile the response with the two referenced responses.

Response:

Confirmed. KAWC is not purchasing Water Service Kentucky's assets. The amount reflects an allocation of the overall purchase price.

KENTUCKY-AMERICAN WATER COMPANY
CASE NO. 2025-00171
COMMISSION STAFF'S SECOND REQUEST FOR INFORMATION

Witness: Dominic DeGrazia

9. Refer to Kentucky-American's response to Staff's First Request, Item 7. Provide the expected rate impact to Kentucky American's customers in light of the statement, "Kentucky American Water will be allocated approximately $13.6 million of that sale price."

Response:

The proposed tariff in Kentucky-American's current rate case application under Docket No. 2025-00122 included only proposed rates changes for current Kentucky-American customers. No other tariff changes were proposed and therefore the current rate case will not affect Water Service Kentucky's customers as Kentucky-American will charge them their existing rates. See the response to PSC 1-19. See also the response to Question 5 indicating that the $13.6 million allocated will not be a basis for future ratemaking treatment beyond the pending rate case. Instead, KAWC will propose ratemaking based on book value consistent with the Commission's Order in Case No. 9059.

KENTUCKY-AMERICAN WATER COMPANY
CASE NO. 2025-00171
COMMISSION STAFF'S SECOND REQUEST FOR INFORMATION

Witness: Dominic DeGrazia

10. Refer to Kentucky-American's response to Staff's First Request, Item 7. Provide a copy of all studies, reports, or related analyses of appraisals or valuations of Nexus as a going concern conducted by or caused to be conducted by American Water.

Response:

American Water did not evaluate Nexus Group as a going concern or as a business entity because Nexus Group is not subject to the proposed transaction. The proposed transaction is a stock purchase for 100% of the equity interest in Nexus subsidiaries in various states, including Kentucky. The transaction proposed in this case is part of a larger, arms-length negotiation between sophisticated utility parties, and was initiated through a competitive auction process described below.

RBC Capital Markets, LLC ("RBC") facilitated an auction process on behalf of Nexus Water Group to find potential buyers for certain assets, including the Water Service Corporation of Kentucky. Below is a timeline of that process through the signing of the Purchase and Sale Agreement.

October 2024	RBC reached out to American Water as a potential buyer
November 2024 – January 2025	RBC facilitated limited due diligence to support American Water's initial non-binding bid
January 9, 2025	American Water submitted its initial non-binding bid to RBC
January 23, 2025	American Water was selected to move to Phase 2 of the auction process
February – mid-April 2025	RBC facilitated additional due diligence, including a management presentation by Nexus to American Water followed by additional due diligence calls related to the entities to be acquired
April 16, 2025	American Water submitted binding bid to RBC
Remainder of April 2025	RBC facilitated calls to clarify any questions regarding the content of bid
May 2025	American Water and Nexus actively engaged in contract negotiations
May 19, 2025	American Water and Nexus Regulated Utilities executed the Purchase and Sale Agreement

As stated, the transaction involves acquisition of various subsidiaries of Nexus Regulated Utilities, LLC. As for how American Water evaluated those subsidiaries as it considered its approach to the competitive auction process by which those subsidiaries were offered, American Water considered the valuations for recent similar transactions, the fact that all of the assets of the subject subsidiaries were in 8 states where American Water already operates, and the strength of the regulatory environments in the states being considered.

KENTUCKY-AMERICAN WATER COMPANY
CASE NO. 2025-00171
COMMISSION STAFF'S SECOND REQUEST FOR INFORMATION

Witness: William A. Lewis

11. Refer to Kentucky-American's response to Staff's First Request, Item 8. Provide any acquisition-related due diligence communications between American-Water and Nexus. Include in the response any written correspondence, presentations, reports, studies, memos, or other documents that materially discuss the proposed transaction.

Response:

The proposed transaction was completed through an auction process facilitated by RBC Capital Markets, LLC ("RBC") as described in response to Question 10 so the due diligence communications between American Water and Nexus were limited to a management presentation by Nexus to American Water on February 20, 2025 and two additional due diligence calls on March 3 and 10, 2025.

For the management presentation, please see Water Service Corporation's July 15, 2025 Notice of Filing and related Petition for Confidential Treatment.

KENTUCKY-AMERICAN WATER COMPANY
CASE NO. 2025-00171
COMMISSION STAFF'S SECOND REQUEST FOR INFORMATION

Witness: Dominic DeGrazia

12. Refer to Kentucky American's response to Staff's First Request, Item 11(b):

    a. Provide a list of all assets that Kentucky-American will acquire from Water Service Kentucky, as well as a list of all assets that are excluded from the transfer.

    b. Provide depreciation rates and calculations for all Utility Plant in Service assets that Kentucky-American will acquire from Water Service Kentucky.

    c. Provide Kentucky-American's current depreciation rates.

    d. Provide the depreciation rates Kentucky-American will utilize for the assets acquired from Water Service Kentucky. If Kentucky-American will use its own current depreciation rates, provide the dollar amount of difference between using Kentucky-American's current rates and Water Service Kentucky's current rates.

    e. Explain how Kentucky-American will implement its own depreciation rates if they differ from Water Service Kentucky depreciation rates.

Response:

a. All Water Service Company of Kentucky ("WSK") assets will be included in the transfer to Kentucky American Water ("KAW"). Known asset information is summarized below. Asset documentation provided to KAW by WSK is provided in the attachments to this response. Additional assets beyond those listed in the attachments to this response may be included in the transfer.

Asset Type	Asset Summary	Documentation
Water Main	118.9 miles	KAW_R_PSCDR2_NUM012_071525_Attachment1
Valves	1,000+	KAW_R_PSCDR2_NUM012_071525_Attachment8
Hydrants	419	KAW_R_PSCDR2_NUM012_071525_Attachment2
Meters	6,044	KAW_R_PSCDR2_NUM012_071525_Attachment7
Pump Stations	4	KAW_R_PSCDR2_NUM012_071525_Attachment2
Water Treatment Facilities	2	KAW_R_PSCDR2_NUM012_071525_Attachment2 KAW_R_PSCDR2_NUM012_071525_Attachment3
Wells	2	KAW_R_PSCDR2_NUM012_071525_Attachment2
Tanks	5	KAW_R_PSCDR2_NUM012_071525_Attachment2 KAW_R_PSCDR2_NUM012_071525_Attachment3
Vehicles	16 Light Duty Trucks 1 Medum Duty Truck 1 Sedan	KAW_R_PSCDR2_NUM012_071525_Attachment4
Heavy Equipment	2 Backhoes 1 Mini-Excavator	KAW_R_PSCDR2_NUM012_071525_Attachment5

Buildings/Facilities	1 Office 2 Sheds Water treatment facility buildings 1 Raw water intake 1 Workshop/warehouse	KAW_R_PSCDR2_NUM012_071525_Attachment3
Mechanical/Electrical Equipment	Various	KAW_R_PSCDR2_NUM012_071525_Attachment6

b. Please refer to Case No. 2018-00208 for the August 28, 2018 Responses to Staff's Second Request, Item 24.d. that lists the current Annual Depreciation Rates based on the NARUC Guide Mid-Point Service Life. Please also see the Commission's February 11, 2019 Order in that case, Appendix A, for approval of those depreciation rates.

c. Please refer to Larry Kennedy's June 30, 2023 direct testimony named KAW_DT_LEK_Exhibit_LEK-1, Page 5-2 & 5-3 for the results of the depreciation study, approved in the Case No. 2023-00191.

d. Kentucky-American intends to utilize the current Water Service Kentucky's depreciation rates for the assets acquired from Water Service Kentucky.

e. Please refer to the response to part d.

		DIAMETER																		
Sum of Miles	**Column Labels**																			
Row Labels	**0.75**	**1**	**1.25**	**1.5**	**2**	**2.5**	**3**	**4**	**6**	**8**	**10**	**12**	**14**	**16**	**18**	**20**	**24**	**66**	**UNK**	**Grand Total**
KY	**2.39**	**9.35**		**0.01**	**10.99**		**0.23**	**13.30**	**57.52**	**18.71**	**2.12**	**0.59**	**0.04**	**1.27**	**0.00**	**0.94**	**1.21**		**0.19**	**118.86**
Polyvinyl Chloride	0.22	1.54			2.58		0.23	4.54	23.46	8.12	0.53			0.04	0.00		0.05			41.32
Ductile Iron Pipe		0.06			0.06			1.74	2.43	0.73	0.23	0.10		0.52					0.05	5.93
Steel Pipe	0.10																			0.10
Copper	1.31	5.44			0.02			0.39	0.03	0.22									0.02	7.41
Wrought Iron Pipe	0.40	0.12			0.05														0.11	0.69
Polypropylene Pipe		0.07																		0.07
High Density Polyethylene					0.08			0.02	0.17	0.32				0.05						0.64
Polyethylene Pipe	0.05	0.07			0.02															0.14
Unknown					0.01				0.07											0.08
Cast Iron Pipe	0.32	2.05		0.01	8.17			6.61	31.38	9.32	1.35	0.48	0.04	0.67		0.94	1.15			62.49

State / Provinces	Miles of Main	Water Treatment Plants	Wells	Water Storage Facilities	Pumping Stations	Hydrants	Water Mains
Water Service Corporation of Kentucky	118.9	2	2	5	4	419	118.9

Nexus Water Group and Subsidiaries
Insurance Information Request
Statement of Values

KY Utilities

Please provide data points listed below for property, plant and equipment to be acquired, excluding land. Add rows as necessary.

Legal Entity Name	Utility System / District	Facility ID or Name, if any	Property Class	Description, Occupancy & Construction
WATER SERVICE CORP OF KY INC	Clinton	Office	Office Space	Joisted Masonry/Frame, Rubber, 1947, 24 x 35 & 20 x 50 (attached - L shaped)
WATER SERVICE CORP OF KY INC	Clinton	Backhoe Shed	Spare Parts Storage	Frame, Metal, 1982, 24 x 24
WATER SERVICE CORP OF KY INC	Clinton	Truck Shed	Spare Parts Storage	Wood Frame (include Wood Frame/Stucco), Shingle/Composite, 1986, 24 x 40
WATER SERVICE CORP OF KY INC	Clinton	Standpipe	Water Storage	Steel, Steel, 1958, 45'H 20'Dia.
WATER SERVICE CORP OF KY INC	Clinton	Standpipe	Water Storage	Steel, Steel, 1957, 70'H 12'Dia.
WATER SERVICE CORP OF KY INC	Clinton	Groundwater Treatment Plant	Groundwater Treatment Plant	Joisted Masonry, Metal, 2004, 40 x 20
WATER SERVICE CORP OF KY INC	Middlesboro	2 Large Water Storage Tanks	Water Storage	Metal, Metal, 1997, 38' H x 70' Diameter (2)
WATER SERVICE CORP OF KY INC	Middlesboro	Chemical Feed Bldg	Chemical Storage Spare Parts Storage	Joisted Masonry, Tar/Gravel, 1966, 60 x 20
WATER SERVICE CORP OF KY INC	Middlesboro	Flocculator Building	Water Treatment	Joisted Masonry, Tar/Gravel, 1962, 16 x 19
WATER SERVICE CORP OF KY INC	Middlesboro	Raw water Intake	Soarce Supply	Joisted Masonry, Tar/Gravel, 1890, 30 x 30
WATER SERVICE CORP OF KY INC	Middlesboro	Plant Recycle Pump Stations (2)	Water Treatment	Brick/Block/Masonry, N/A, 1978, 10ft Dia.
WATER SERVICE CORP OF KY INC	Middlesboro	Filter Building	Chemical Storage Office Space Laboratory Other	Joisted Masonry, Rubber, 1966, 50 x 60
WATER SERVICE CORP OF KY INC	Middlesboro	Bean's Fork Booster Station	Booster Station	Insulated Metal, Rubber, 2008, 10 x 16
WATER SERVICE CORP OF KY INC	Middlesboro	Beans Fork Tank	Water Storage	Steel, Steel, 2008, 12 ft Dia.
WATER SERVICE CORP OF KY INC	Middlesboro	Workshop	Warehouse	Steel, Steel, Uknown, 42' x 36'
WATER SERVICE CORP OF KY INC	Middlesboro	Backhoe	Warehouse	, , ,
WATER SERVICE CORP OF KY INC	Clinton	Backhoe	Warehouse	, , ,

VIN	Model Year		Make	Model	Model Description	Unit Type
1GBK7C1C04F516803		2004	Chevrolet	C7500	C7500 Kodiak 2DR 4X2 Chassis-Cab	Medium Truck
1FDWW32S2YEE36951		2000	Ford	F-350	Ford F350 4x2 SD Crew 156 XL	Light Truck
1GCVKPEH9EZ197566		2014	Chevrolet	Silverado 1500	Silverado 1500 4dr 4WD Double Cab 143.5" 2LZ	Light Truck
1GCGTBEC2R1149022		2024	Chevrolet	Colorado	Colorado 4x4 Crew Cab 5 ft. box 131 in. WB WT	Light Truck
1GCVKPEH4EZ196941		2014	Chevrolet	Silverado 1500	Silverado 1500 4dr 4WD Double Cab 143.5" 2LZ	Light Truck
3C6UR5CJ9MG632268		2021	Ram	2500	2500 4x4 Crew Cab 6.3 ft. box 149 in. WB Tradesman	Light Truck
1GCHTCE31G1116231		2016	Chevrolet	Colorado	Colorado 4x2 Extended Cab 6 ft. box 128.3 in. WB LT	Light Truck
1GCHTBEAXN1236891		2022	Chevrolet	Colorado	Colorado 4x2 Extended Cab 6 ft. box 128.3 in. WB WT	Light Truck
1GB3KYCYXJF119975		2018	Chevrolet	Silverado 3500	Silverado 3500HD Chassis 4x4 Regular Cab 137.5 in.	Light Truck
JTDKN3DU0B5359332		2011	Toyota	Prius	Prius 5dr HB II (Natl)	Intermediate
1GCPTBEK8R1312960		2024	Chevrolet	Colorado	Colorado 4x4 Crew Cab 5 ft. box 131 in. WB WT	Light Truck
1GCRKPE07BZ150480		2011	Chevrolet	Silverado 1500	Silverado 1500 2dr 4WD Ext Cab 157.5" LTZ	Light Truck
1GCHTBEA4J1152933		2018	Chevrolet	Colorado	Colorado 4x2 Extended Cab 6 ft. box 128.3 in. WB WT	Light Truck
5TFSX5EN9GX040908		2016	Toyota	Tacoma	Tacoma 4x4 Access Cab 6 ft. box 127.4 in. WB SR (M5)	Light Truck
5TFSX5EN7GX040910		2016	Toyota	Tacoma	Tacoma 4x4 Access Cab 6 ft. box 127.4 in. WB SR (M5)	Light Truck
1GCNKPEH1FZ235065		2015	Chevrolet	Silverado 1500	Silverado 1500 4x4 Regular Cab 8 ft. box 133 in. WB WT	Light Truck
1GCEK19C38Z281608		2008	Chevrolet	Silverado 1500	Silverado 1500 143.5 WB LT 4DR 4WD Ext Cab Pickup	Light Truck
1GCRKSE36BZ338419		2011	Chevrolet	Silverado 1500	Silverado 1500 2dr 4WD Ext Cab 143.5" LTZ	Light Truck

Legal Entity Name	Utility System / District	Make	Model	Year	Item Description	VIN, Serial# or other ID#, if any
WATER SERVICE CORP OF KY INC	Clinton	CAT	416F2	2019	Backhoe	0416FJHWB01691
WATER SERVICE CORP OF KY INC	Middlesboro	CAT	416F2	2019	Backhoe	0416FVHWB01593
WATER SERVICE CORP OF KY INC	Middlesboro	CAT	301.5D	2017	Mini-Excavator	3017DCLJ400508

Equipment Type	Lucity AssetID	Asset ID	Asset Type	Subdivision_Name	Asset Location Name	Asset Description	Year_Installed	Adder
EFEQUIP	4548	067-WELLHOLE-1196	Well	KY-Clinton	East Well	Well Hole	1964	20
EFEQUIP	33954	067-Valve-0018	Valve	KY-Clinton	East Well	East Well Valve	1964	20
EFEQUIP	33957	067-DropPipe-0022	Well Drop Pipe	KY-Clinton	East Well	Column Pipe	1964	20
EFEQUIP	4536	067-GST-0358	Tank	KY-Clinton	Grubbs Subdivision	Grubb's Subdivision Tank - Interior	2021	0
EFEQUIP	19957	067-GST-1525	Tank	KY-Clinton	Grubbs Subdivision	Grubb's Subdivision Tank - Exterior	2021	0
EFEQUIP	33959	067-Valve-0025	Valve	KY-Clinton	Grubbs Subdivision	Isolation Valves	1978	10
EFEQUIP	33960	067-Valve-0026	Valve	KY-Clinton	Grubbs Subdivision	Drain Valve	1978	10
EFEQUIP	4537	067-GST-0357	Tank	KY-Clinton	South Washington	South Washington Street Tank - Interior	2015	0
EFEQUIP	19958	067-GST-1526	Tank	KY-Clinton	South Washington	South Washington Street Tank - Exterior	2015	0
EFEQUIP	33973	067-Valve-0071	Valve	KY-Clinton	South Washington	Isolation Valves	1975	10
EFEQUIP	33974	067-Valve-0072	Valve	KY-Clinton	South Washington	Drain Valve	1975	10
EFEQUIP	4534	067-EMERGEN-0289	Generator	KY-Clinton	Water Treatment Plant	Generator	2005	0
EFEQUIP	4535	067-GST-0356	Tank	KY-Clinton	Water Treatment Plant	Clinton WTP Clearwell	2005	-27
EFEQUIP	4540	067-MOTOR-0686	Motor	KY-Clinton	Water Treatment Plant	Ground Water Plant High Service Pump #2 Motor	2005	0
EFEQUIP	4542	067-OTHER-0893	Flow Meter	KY-Clinton	Water Treatment Plant	Finished Water Meter	2005	0
EFEQUIP	4544	067-PUMP-1033	Pump	KY-Clinton	Water Treatment Plant	Ground Water Plant High Service Pump #2	2005	0
EFEQUIP	4545	067-TELEMETRY-1083	Control System	KY-Clinton	Water Treatment Plant	Telemetry System	2023	8
EFEQUIP	33979	067-Meter-0129	Flow Meter	KY-Clinton	Water Treatment Plant	Raw Water Meter	2016	0
EFEQUIP	33982	067-Building-0132	Building Roof	KY-Clinton	Water Treatment Plant	Water Treatment Plant Roof	2005	2
EFEQUIP	33983	067-Building-0133	Building Electrical	KY-Clinton	Water Treatment Plant	Water Treatment Plant Electrical	2005	0
EFEQUIP	33994	067-ControlPanel-0146	Control Panel	KY-Clinton	Water Treatment Plant	Well Control Panel	2005	0
EFEQUIP	33995	067-ControlPanel-0147	Control Panel	KY-Clinton	Water Treatment Plant	HSP Control Panel	2005	0
EFEQUIP	33996	067-Switch-0148	Automatic Transfer Switch	KY-Clinton	Water Treatment Plant	Automatic Transfer Switch	2005	0
EFEQUIP	34004	067-Valve-0157	Valve	KY-Clinton	Water Treatment Plant	Before High Service Pump #2 Throttle Valve	2005	0
EFEQUIP	34005	067-Valve-0158	Valve	KY-Clinton	Water Treatment Plant	After High Service Pump #1 Throttle Valve	2005	0
EFEQUIP	34006	067-Valve-0159	Valve	KY-Clinton	Water Treatment Plant	Before High Service Pump #2 Throttle Valve	2005	0
EFEQUIP	34007	067-Valve-0160	Valve	KY-Clinton	Water Treatment Plant	After High Service Pump #1 Throttle Valve	2005	0
EFEQUIP	34008	067-Valve-0161	Valve	KY-Clinton	Water Treatment Plant	Gate Valve After High Service Pumps	2005	0
EFEQUIP	34009	067-Valve-0164	Valve	KY-Clinton	Water Treatment Plant	Gate Valve Before High Service Pumps	2005	0
EFEQUIP	34010	067-Valve-0165	Valve	KY-Clinton	Water Treatment Plant	Clearwell Drain Valve	2005	0
EFEQUIP	34011	067-Valve-0166	Valve	KY-Clinton	Water Treatment Plant	High Service Pumps Check Valve	2005	0
EFEQUIP	34014	067-Vault-0169	Vault	KY-Clinton	Water Treatment Plant	Raw Water Meter Pit	2016	0
EFEQUIP	34015	067-Valve-0170	Valve	KY-Clinton	Water Treatment Plant	Isolation Valves	2005	0
EFEQUIP	37643	067-MOTOR-0685a	Motor	KY-Clinton	Water Treatment Plant	Ground Water Plant High Service Pump #1 Motor	2005	0
EFEQUIP	37644	067-PUMP-1032a	Pump	KY-Clinton	Water Treatment Plant	Ground Water Plant High Service Pump #1	2005	0
EFEQUIP	37780	067-Analyzer-0149a	Analyzer	KY-Clinton	Water Treatment Plant	Chlorine Analyzer	2021	0
EFEQUIP	37781	067-BFPREVENT-0079a	Backflow Preventer	KY-Clinton	Water Treatment Plant	Fluoride Valve/Backflow Device	2021	0
EFEQUIP	4549	067-WELLHOLE-1197	Well	KY-Clinton	West Well	Well Hole	1964	20
EFEQUIP	34019	067-Valve-0306	Valve	KY-Clinton	West Well	West Well Valve	1964	20
EFEQUIP	34022	067-DropPipe-0310	Well Drop Pipe	KY-Clinton	West Well	Column Pipe	1964	20
EFEQUIP	32089	263-ANALYZER-0001	Analyzer	KY-Middlesboro, KY		DR 5000 Spectrophotometer	2020	0
EFEQUIP	5135	263-MOTOR-0688	Motor	KY-Middlesboro, KY	Raw Water Pump Station	Raw Water Pump #1 Motor	2007	0
EFEQUIP	5136	263-MOTOR-0687	Motor	KY-Middlesboro, KY	Raw Water Pump Station	Raw Water Pump #2 Motor	2007	-7
EFEQUIP	5152	263-PUMP-1036	Pump	KY-Middlesboro, KY	Raw Water Pump Station	Raw Water Pump #1	2007	0
EFEQUIP	5153	263-PUMP-1035	Pump	KY-Middlesboro, KY	Raw Water Pump Station	Raw Water Pump #2	2007	0
EFEQUIP	32803	263-EMERGEN-0400	Generator	KY-Middlesboro, KY	Raw Water Pump Station	Generator	2005	0
EFEQUIP	35526	263-ATS-0061	Automatic Transfer Switch	KY-Middlesboro, KY	Raw Water Pump Station	Generator Switch Gear	2009	0
EFEQUIP	35527	263-Transformer-0062	Transformer	KY-Middlesboro, KY	Raw Water Pump Station	200 Volt Transformer	2005	0
EFEQUIP	35528	263-ControlPanel-0063	Control Panel	KY-Middlesboro, KY	Raw Water Pump Station	#2 & #3 Pump Control Electrical Box	2003	0
EFEQUIP	35529	263-ControlPanel-0064	Control Panel	KY-Middlesboro, KY	Raw Water Pump Station	#1 Pump Electrical Control Box	2003	0
EFEQUIP	35530	263-ControlPanel-0065	Control Panel	KY-Middlesboro, KY	Raw Water Pump Station	#2 Pump Electrical Control Box	2003	0
EFEQUIP	35531	263-Circuit-0066	Circuit Breaker	KY-Middlesboro, KY	Raw Water Pump Station	400 Volt Electric Breaker box	2003	0
EFEQUIP	35532	263-Circuit-0067	Circuit Breaker	KY-Middlesboro, KY	Raw Water Pump Station	200 Volt Electric Breaker box	2003	0
EFEQUIP	35533	263-VFD-0068	VFD	KY-Middlesboro, KY	Raw Water Pump Station	Pump #1 VFD	2020	0
EFEQUIP	35534	263-Valve-0069	Valve	KY-Middlesboro, KY	Raw Water Pump Station	Pump #1 Check Valve	1965	7
EFEQUIP	35535	263-Valve-0070	Valve	KY-Middlesboro, KY	Raw Water Pump Station	Pump #3 Check Valve	1965	7
EFEQUIP	35536	263-Valve-0071	Valve	KY-Middlesboro, KY	Raw Water Pump Station	Pump #2 Check Valve	1965	7
EFEQUIP	39169	263-VFD-0068a	VFD	KY-Middlesboro, KY	Raw Water Pump Station	Pump #2 VFD	2022	0
EFEQUIP	5125	263-GST-0359	Tank	KY-Middlesboro, KY	Water Treatment Plant	Middlesboro WTP Tank #1 - Interior	1997	0
EFEQUIP	5126	263-GST-0360	Tank	KY-Middlesboro, KY	Water Treatment Plant	Middlesboro WTP Tank #2 - Interior	1978	0
EFEQUIP	5130	263-MOTOR-0689	Motor	KY-Middlesboro, KY	Water Treatment Plant	Filter Pump A - Motor	2016	0
EFEQUIP	5131	263-MOTOR-0690	Motor	KY-Middlesboro, KY	Water Treatment Plant	Filter Pump B - Motor	2017	0
EFEQUIP	5132	263-MOTOR-0691	Motor	KY-Middlesboro, KY	Water Treatment Plant	Filter Pump C - Motor	2016	0
EFEQUIP	5133	263-MOTOR-0683	Mixer	KY-Middlesboro, KY	Water Treatment Plant	Flash Mixer	2003	0
EFEQUIP	5134	263-MOTOR-0684	Mixer	KY-Middlesboro, KY	Water Treatment Plant	Floculator	2004	0
EFEQUIP	5138	263-MOTOR-0672	Pump	KY-Middlesboro, KY	Water Treatment Plant	Variable Frequency Drive - Variable Speed Pump	2013	0
EFEQUIP	5139	263-OTHER-0906	Tank	KY-Middlesboro, KY	Water Treatment Plant	Filter #1	2016	0
EFEQUIP	5140	263-OTHER-0907	Tank	KY-Middlesboro, KY	Water Treatment Plant	Filter #2	2016	0
EFEQUIP	5141	263-OTHER-0901	Flow Meter	KY-Middlesboro, KY	Water Treatment Plant	Finished Water Meter	2005	0
EFEQUIP	5149	263-PUMP-1013	Pump	KY-Middlesboro, KY	Water Treatment Plant	Filter Pump A	2016	0
EFEQUIP	5150	263-PUMP-1011	Pump	KY-Middlesboro, KY	Water Treatment Plant	Filter Pump B	2017	0
EFEQUIP	5151	263-PUMP-1012	Pump	KY-Middlesboro, KY	Water Treatment Plant	Filter Pump C	2016	0
EFEQUIP	5159	263-TREATEQP-1141	Solids Feeder	KY-Middlesboro, KY	Water Treatment Plant	Lime Feeder	2018	0
EFEQUIP	5161	263-TREATEQP-1137	Solids Feeder	KY-Middlesboro, KY	Water Treatment Plant	Powder Activated Carbon Feeder	2004	4
EFEQUIP	19971	263-GST-1539	Tank	KY-Middlesboro, KY	Water Treatment Plant	Middlesboro WTP Tank #1 - Exterior	2021	0
EFEQUIP	19972	263-GST-1540	Tank	KY-Middlesboro, KY	Water Treatment Plant	Middlesboro WTP Tank #2 - Exterior	2021	0
EFEQUIP	32090	263-ANALYZER-0002	Lab Equipment	KY-Middlesboro, KY	Water Treatment Plant	TL 2300 Turbidimeter	2022	0
EFEQUIP	32105	263-CHEMPUMP-0007	Pump	KY-Middlesboro, KY	Water Treatment Plant	EC-Pump	2011	0
EFEQUIP	32767	263-ANALYZER-0008	Lab Equipment	KY-Middlesboro, KY	Water Treatment Plant	DR 3900 Spectrophotometer	2020	0
EFEQUIP	33037	263-ANALYZER-0013	Analyzer	KY-Middlesboro, KY	Water Treatment Plant	Hach HQ411d	2020	0
EFEQUIP	35569	263-Filter-0184	Filter	KY-Middlesboro, KY	Water Treatment Plant	Filter #1 Media	2016	10
EFEQUIP	35570	263-Filter-0185	Filter	KY-Middlesboro, KY	Water Treatment Plant	Filter #2 Media	2016	10
EFEQUIP	35571	263-Filter-0186	Filter	KY-Middlesboro, KY	Water Treatment Plant	Filter #1 Internals	1965	55
EFEQUIP	35572	263-Filter-0187	Filter	KY-Middlesboro, KY	Water Treatment Plant	Filter #2 Internals	1965	55
EFEQUIP	35591	263-ControlPanel-0246	Control Panel	KY-Middlesboro, KY	Water Treatment Plant	Rate of Flow Controller	2004	4
EFEQUIP	35592	263-ATS-0247	Automatic Transfer Switch	KY-Middlesboro, KY	Water Treatment Plant	Generator Switch Gear	2005	0
EFEQUIP	35593	263-Circuit-0248	Circuit Breaker	KY-Middlesboro, KY	Water Treatment Plant	400 Volt Electric Breaker Box - Treatment Building	2005	0
EFEQUIP	35594	263-Circuit-0249	Circuit Breaker	KY-Middlesboro, KY	Water Treatment Plant	200 Volt Electric Breaker Box - Treatment Building	2005	0
EFEQUIP	35595	263-Transformer-0250	Transformer	KY-Middlesboro, KY	Water Treatment Plant	200 Volt Transformer - Treatment Building	2005	0
EFEQUIP	35596	263-ControlPanel-0251	Control Panel	KY-Middlesboro, KY	Water Treatment Plant	Filter Pump A Electric Control Box	2005	0
EFEQUIP	35597	263-ControlPanel-0252	Control Panel	KY-Middlesboro, KY	Water Treatment Plant	Filter Pump B Electric Control Box	2005	0
EFEQUIP	35598	263-ControlPanel-0253	Control Panel	KY-Middlesboro, KY	Water Treatment Plant	Filter Pump C Electric Control Box	2005	0
EFEQUIP	35599	263-ControlPanel-0254	Control Panel	KY-Middlesboro, KY	Water Treatment Plant	Variable Speed Pump/constant speed Electric Control Box	2010	10
EFEQUIP	35600	263-ControlPanel-0255	Control Panel	KY-Middlesboro, KY	Water Treatment Plant	200 Volt Electric Breaker Box - Chemical Feed	2005	0
EFEQUIP	35601	263-ControlPanel-0256	Control Panel	KY-Middlesboro, KY	Water Treatment Plant	100 Volt Electric Breaker Box - Chemical Feed	2005	0
EFEQUIP	35602	263-Transformer-0257	Transformer	KY-Middlesboro, KY	Water Treatment Plant	200 Volt Transformer - Chemical Feed	2005	0
EFEQUIP	35615	263-Valve-0270	Valve	KY-Middlesboro, KY	Water Treatment Plant	Raw Water Valve Actuator	2004	0
EFEQUIP	35616	263-ControlPanel-0271	Control Panel	KY-Middlesboro, KY	Water Treatment Plant	Filter #1 Control Panel	1965	12
EFEQUIP	35617	263-ControlPanel-0272	Control Panel	KY-Middlesboro, KY	Water Treatment Plant	Filter #2 Contol Panel	1965	12
EFEQUIP	35618	263-ControlPanel-0273	Control Panel	KY-Middlesboro, KY	Water Treatment Plant	Raw Water Pump Starter	1965	8
EFEQUIP	35619	263-ControlPanel-0274	Control Panel	KY-Middlesboro, KY	Water Treatment Plant	Quick Mixer Starter Box	1965	8
EFEQUIP	35620	263-ControlPanel-0275	Control Panel	KY-Middlesboro, KY	Water Treatment Plant	PAC Disconnect	2004	0
EFEQUIP	35621	263-ControlPanel-0276	Control Panel	KY-Middlesboro, KY	Water Treatment Plant	Flocculator Starter Box	1965	8
EFEQUIP	35622	263-Valve-0277	Valve	KY-Middlesboro, KY	Water Treatment Plant	Raw Water 18" Valve	1965	7
EFEQUIP	35623	263-Valve-0278	Valve	KY-Middlesboro, KY	Water Treatment Plant	#1 Filter Influent Valve	1965	10
EFEQUIP	35624	263-Valve-0279	Valve	KY-Middlesboro, KY	Water Treatment Plant	#1 Filter Effluent Valve	1965	10

EFEQUIP	35625	263-Valve-0280	Valve	KY-Middlesboro, KY	Water Treatment Plant	#1 Filter Drain Valve	1965	10
EFEQUIP	35626	263-Valve-0281	Valve	KY-Middlesboro, KY	Water Treatment Plant	#1 Filter Backwash Valve	1965	10
EFEQUIP	35627	263-Valve-0282	Valve	KY-Middlesboro, KY	Water Treatment Plant	#1 Filter to Waste Valve	2004	0
EFEQUIP	35628	263-Valve-0283	Valve	KY-Middlesboro, KY	Water Treatment Plant	#1 Filter Surface Washer Valve	1965	10
EFEQUIP	35629	263-Valve-0284	Valve	KY-Middlesboro, KY	Water Treatment Plant	#2 Filter Influent Valve	1965	10
EFEQUIP	35630	263-Valve-0285	Valve	KY-Middlesboro, KY	Water Treatment Plant	#2 Filter Effluent Valve	1965	10
EFEQUIP	35631	263-Valve-0286	Valve	KY-Middlesboro, KY	Water Treatment Plant	#2 Filter Drain Valve	1965	10
EFEQUIP	35632	263-Valve-0287	Valve	KY-Middlesboro, KY	Water Treatment Plant	#2 Filter Backwash Valve	1965	10
EFEQUIP	35633	263-Valve-0288	Valve	KY-Middlesboro, KY	Water Treatment Plant	#2 Filter to Waste Valve	2004	0
EFEQUIP	35634	263-Valve-0289	Valve	KY-Middlesboro, KY	Water Treatment Plant	#2 Filter Surface Washer Valve	1965	10
EFEQUIP	35637	263-Valve-0292	Valve	KY-Middlesboro, KY	Water Treatment Plant	Floc Basin Drain Valve	1965	5
EFEQUIP	35638	263-Valve-0293	Valve	KY-Middlesboro, KY	Water Treatment Plant	"A" Filter Pump Influent Valve	1965	10
EFEQUIP	35639	263-Valve-0294	Valve	KY-Middlesboro, KY	Water Treatment Plant	"B" Filter Pump Influent Valve	1965	10
EFEQUIP	35640	263-Valve-0295	Valve	KY-Middlesboro, KY	Water Treatment Plant	"C" Filter Pump Influent Valve	1965	10
EFEQUIP	35641	263-Valve-0296	Valve	KY-Middlesboro, KY	Water Treatment Plant	"A" Filter Pump Effluent Valve	2024	7
EFEQUIP	35642	263-Valve-0297	Valve	KY-Middlesboro, KY	Water Treatment Plant	"B" Filter Pump Effluent Valve	2024	7
EFEQUIP	35643	263-Valve-0298	Valve	KY-Middlesboro, KY	Water Treatment Plant	"C" Filter Pump Effluent Valve	2024	7
EFEQUIP	35644	263-Valve-0299	Valve	KY-Middlesboro, KY	Water Treatment Plant	Isolating Valve	1965	10
EFEQUIP	35645	263-Valve-0300	Valve	KY-Middlesboro, KY	Water Treatment Plant	"A" Filter Pump Effluent Check Valve	2024	7
EFEQUIP	35646	263-Valve-0301	Valve	KY-Middlesboro, KY	Water Treatment Plant	"B" Filter Pump Effluent Check Valve	2024	7
EFEQUIP	35647	263-Valve-0302	Valve	KY-Middlesboro, KY	Water Treatment Plant	"C" Filter Pump Effluent Check Valve	2024	7

Table 3-3 Meter Types and Replacement Programs

UTILITY	MAIN METER TECHNOLOGY	MAIN VENDOR	% OF SYSTEM BY MAIN VENDOR	METER REPLACEMENT PLAN	TYPE OF TECHNOLOGY	TOTAL NUMBER OF METERS
Illinois	AMR	Neptune	76.39%	Nexus is planning to deploy AMI to select systems throughout the state.	AMI: 4.0% AMR: 95.4% Manual: 0.6%	12,992
Indiana	AMR (Drive-by)	Neptune	94.40%	Nexus has plans to migrate to Neptune AMI	AMI: 0% AMR: 100% Manual: 0%	5,250
Kentucky	Manual	Badger	86%		AMI: 0% AMR: 9.4% Manual: 90.6%	6,044
Maryland	AMR	Badger	53.15%		AMI: 0% AMR: 85.1% Manual: 14.9%	1,956
Nevada	AMR (Drive-by)	Neptune	81.23%	Nexus plans to replace remaining manual meters with Neptune Meters AMR.	AMI: 0% AMR: 89.5% Manual: 10.5%	15,885
New Jersey	AMR (Touch-Read)	Sensus	99.88%		AMI:0% AMR: 99.9% Manual: 0.1%	767
Oregon	AMR (Drive-by)	Master	69.17%		AMI: 0% AMR: 68.2% Manual: 31.8%	2,695
Pennsylvania	AMR	Sensus	94.53%		AMI: 0% AMR: 69.5% Manual: 30.5%	3,235
Tennessee	Manual	Badger	93.64%		AMI: 0% AMR: 0% Manual: 100%	440
Canada – Alberta	AMR	Neptune	100%		AMI: 0% AMR: 100% Manual: 0%	999
Canada – British Columbia	Manual	Sensus	73%	Nexus has discussed converting AMR system to Sensus AMI or changing to Neptune as a vendor.	AMI: 0% AMR: 27% Manual: 73%	1,944

Source: 4.1.2.1 Nexus Water Group Meter Disposition & Nexus Updates

A. My testimony provides support for WSCK's request to adjust water rates. I will describe our service territories, our water operations, impacts of recent major system improvements, capital improvement needs and upcoming projects, and provide support for the Company's request for a Certificate of Public Convenience and Necessity ("CPCN") for the planned Advanced Metering Infrastructure ("AMI") project.

Q. PLEASE GENERALLY DESCRIBE WSCK'S SERVICE TERRITORIES.

A. WSCK currently owns and operates two water systems in Kentucky. WSCK has a surface water facility in Middlesboro, Kentucky, where the Company provides water and fire service to approximately 5,575 connections. In Clinton, Kentucky, WSCK serves approximately 572 water connections.

Q. PLEASE GENERALLY DESCRIBE WSCK'S WATER OPERATIONS.

A. As part of the Company's operations, we deliver safe, potable water through distribution systems with filtration and chemical addition to our two water systems. The system in Middlesboro consists of a 3 MGD conventional surface water treatment plant. The plant has two 1.25 MG storage tanks. There is one booster station that supplies a remote 15,000-gallon storage tank. The distribution system consists of approximately 86 miles of water mains varying in size from .75 inches to 24 inches. In addition, the Middlesboro system has over 1,000 valves and 366 fire hydrants for use in public fire protection and water main maintenance.

The system in Clinton has a .75 MGD groundwater plant. The plant has one clear well with a capacity of 30,000 gallons that supplies two 178,000 ground storage tanks. The distribution system consists of approximately 11.5 miles of water mains varying in size

from .75 inches to 8 inches. In addition, the Clinton system has 91 valves and 56 fire hydrants for use in public fire protection and water main maintenance.

Q. PLEASE DESCRIBE THE DUTIES OF THE STAFF AT WSCK.

A. WSCK's operational staff consists of an SOM, Lead Operators, Operators, Field Technicians, and an Administrative Assistant. Staff is responsible for the daily operation and maintenance of our water facilities. Staff completes daily monitoring and testing activities in conjunction with needed and scheduled preventative maintenance activities. Staff is responsible for maintaining accurate records that are submitted to the Kentucky Department of Environmental Protection and Kentucky Division of Water monthly. Staff also maintain the distribution system, as well as monitoring chemical usage for inventory and treatment requirements. Field Activities are completed by Staff which are recorded and documented through our Operations Management Software (Lucity) as well as our Customer Care Billing System.

Q. ARE YOU SPONSORING ANY EXHIBITS IN THE COMPANY'S APPLICATION?

A. Yes, I am sponsoring the following Exhibits, which were prepared by me or under my supervision:

- Exhibit 39 – Maps and Descriptions of Installation of AMI infrastructure
- Exhibit 40 – Plans and Specifications of AMI Infrastructure

Q. PLEASE DISCUSS THE COMPANY'S EFFORTS TO MANAGE UNACCOUNTED-FOR-WATER.

KENTUCKY-AMERICAN WATER COMPANY
CASE NO. 2025-00171
COMMISSION STAFF'S SECOND REQUEST FOR INFORMATION

Witness: Dominic DeGrazia

13. Refer to Kentucky-American's response to Staff's First Request, Item 11(d). Provide the calculations for Water Service Kentucky's total capital structure balance compared to Nexus Water Group's total capital structure balance.

Response:

Please see below to the extent this request calls for Water Service Kentucky's total capital structure balance compared to Nexus Regulated Utilities, LLC's total capital structure balance. Nexus Water Group is not an applicant to this proceeding.

(1) Water Service Kentucky Balance Sheet*	$7,275,064
(2) Total Balance Sheet of Entities subject to the Purchase Agreement*	$167,627,408
(3) Kentucky Allocation as a Percentage (Ln. 1 / Ln. 2)	4.34%
(4) Total Purchase Price	$315,000,000
(5) KY Allocated Purchase Price (Ln. 3 x Ln. 4)	**$13,671,065**

*12/31/2024 Balance Sheet as Provided by Nexus

** Nexus Regulated Utilities, LLC systems subject to the Purchase Agreement include entities located in IL, IN, PA, MD, TN, KY, NJ and VA.

KENTUCKY-AMERICAN WATER COMPANY
CASE NO. 2025-00171
COMMISSION STAFF'S SECOND REQUEST FOR INFORMATION

Witness: John Magner

14. Refer to Kentucky-American's response to Staff's First Request, Item 12.

    a. Provide the estimated cost and timeline for each system improvement identified.

    b. Explain whether meter readers are employees of Water Service Kentucky and confirm whether the meter readers will be employed by Kentucky-American, if the proposed transfer is approved. If confirmed, explain what positions those employees will hold when the meters are replaced, and manual reading is no longer necessary.

    c. Explain how meter replacements will reduce labor expenses.

    d. Explain how Kentucky-American's proposed Supervisory Control and Data Acquisition (SCADA) Improvements project will improve the efficiency of the Middlesboro and Clinton systems.

    e. State the amount of aging and dilapidated company service lines in the current Middlesboro and Clinton systems that are contributing to water loss.

    f. State how much Kentucky-American expects to improve water loss in the current Middlesboro and Clinton systems from the Service Line Replacements Project.

Response:

a. Estimated costs and implementation timelines for each of the identified improvements are provided below.
   - **a. Meter Replacements (Middlesboro and Clinton)**
     - i. Total estimated cost: $2,000,000
     - ii. Implementation schedule: 2026
   - **b. Safety and Security Improvements (Middlesboro and Clinton)**
     - i. Total estimated cost: $522,500
     - ii. Implementation schedule: 2026-2030. Approximately half of this investment is anticipated to occur in 2026 for initial implementation of significant safety and security upgrades.
   - **c. Supervisory Control and Data Acquisition (SCADA) Improvements (Middlesboro and Clinton)**
     - i. Total estimated cost: $360,000
     - ii. Implementation schedule: 2026-2030. Approximately half of this investment is anticipated to occur in 2026 for initial integration of Water

Service Company of Kentucky's ("WSK") infrastructure into Kentucky American Water's ("KAW") SCADA system.

d. Service Line Replacements (Middlesboro and Clinton)

i. Total estimated cost: $500,000

ii. Implementation schedule: 2026-2030

b. It is KAW's understanding that meters within WSK's system are read by WSK employees. KAW intends to retain the current meter reading employees if the proposed transfer is approved. After meters are replaced, KAW will utilize these employees for general operational support to perform tasks such as service activation/shut-off, investigating and addressing customer inquiries, and performing routine maintenance and inspections.

c. The replacement meters will feature either automated meter reading ("AMR") or advanced metering infrastructure ("AMI") technology. These technologies eliminate the need for personnel to physically read meters. The existing WSK personnel responsible for meter reading will instead be able to perform other duties such as those described in the response to part b of this data request, which reduces the need for KAW to hire additional personnel or contractors to perform these tasks.

d. SCADA allows for remote monitoring and/or operation of infrastructure such as water treatment facilities, pump stations, and tanks. This reduces the amount of time that personnel must spend traveling to and from remote facilities. In many cases, issues can be identified, diagnosed, and addressed remotely, which reduces service interruptions. Additionally, having real-time data regarding the status of various assets (tank levels, pumping rates, etc.) allows for increased optimization of the operation of these assets relative to each other.

e. KAW did not receive specific information regrading the condition of individual service lines within the WSK system. However, KAW did receive a log of identified service line leaks within WSK's Middlesboro system over the past several years. Between February 2020 and February 2025, WSK identified 38 service line leaks. Based on information provided by WSK in Kentucky Public Service Commission ("PSC") Case 2022-00147, the Clinton system has 572 customers. Using this number of customers, up to 6.6% of the Clinton system's service lines experienced leaks within a four-year period. Service line leak information was not provided for the Middlesboro system, but if a similar rate of service line leaks is occurring in the Middlesboro system, there could be over 100 service line leaks occurring annually within WSK's existing systems.

f. KAW does not have definitive information regarding water loss associated with service line leaks within the WSK system. However, if 100 service line leaks at an average water loss of 10,000 gallons per leak is assumed, KAW could reduce water loss by approximately 1,000,000 gallons annually. Additionally, replacing aging and dilapidated service lines reduces the potential for service interruptions.

KENTUCKY-AMERICAN WATER COMPANY
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Witness: William A. Lewis and John Magner

15. Refer to Kentucky-American's response to Staff's First Request, Items 12 and 13. Explain why Water Service Kentucky's system needs service line replacements due to water loss, when Water Service Kentucky's water loss is lower than Kentucky-American's system as a whole and below the threshold for denial of rate recovery.

Response:

According to the WSK annual 2024 commission report, WSK's annual water loss was reported to be 20.21% compared to KAW's reported water loss of 17.92% for the same period. The acquired WSK water system assets will be incorporated into the larger KAW inventory and will therefore be incorporated into KAW's statewide total water loss reporting. The Clinton and Middlesboro water systems are comprised of aging pipeline infrastructure that is near or beyond its useful life and therefore prone to leaks and failure. Just as the WSK water systems will be included in total KAW water loss calculations, these assets will also be included in KAW's statewide pipeline replacement and water loss reduction programs.

6000800 Water Service Corporation of Kentucky 01/01/2024 - 12/31/2024

Water Statistics (Ref Page: 35)

Description	Gallons (Omit 000`s)	Percent
Water Loss Percentage		
Line 31 divided by Line 4		20.2081

15800 Kentucky-American Water Company 01/01/2024 - 12/31/2024

Water Statistics (Ref Page: 35)

	Description	Gallons (Omit 000`s)	Percent
1. Water Produced, Purchased and Distributed:			
2. Water Produced		15,477,121	
3. Water Purchased		135,719	
4. Total Produced and Purchased		15,612,840	
6. Water Sales:			
7. Residential		6,187,118	
8. Commercial		4,188,577	
9. Industrial		542,035	
10. Bulk Loading Stations		7,254	
11. Wholesale		431,080	
12. Public Authorities		1,224,341	
13. Other Sales (explain)	Fire Service	7,030	
14. Total Water Sales		12,587,435	
16. Other Water Used			
17. Utility/water treatment plant		9,312	
18. Wastewater plant		1,916	
19. System flushing		215,170	
20. Fire department		983	
21. Other Usage (explain)	Construction, Flushing, Disinfection	196	
22. Total Other Water Used		227,577	
24. Water Loss			
25. Tank Overflows			
26. Line Breaks		143,252	
27. Line Leaks		2,654,213	
28. Excavation Damages			
29. Theft		363	
30. Other Loss (Explain)			
31. Total Water Loss		2,797,828	
Note: Line 14 + Line 22 + Line 31 must equal Line 4			
Water Loss Percentage			
Line 31 divided by Line 4			17.9200

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Witness: William A. Lewis

16. Refer to Kentucky-American's Response to Staff's First Request, Item 13.

    a. Explain whether the acquisition of Water Service Kentucky's current systems will help improve Kentucky-American's current rolling Non-Revenue Water loss of 19.0 percent.

    b. Provide the monthly water loss percentages used to calculate the rolling average.

Response:

a. No. Acquisition of WSK's current systems will not improve KAW's current rolling NRW loss. Please see the response to Question 15.
b. See KAW_R_PSCDR2_NUM016_011525_Attachment.

	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec	
	NRW%	UFW%	NRW%	UFW%	NRW%	UFW%	NRW%	UFW%	NRW%	UFW%	NRW%	UFW%	NRW%	UFW%	NRW%	UFW%	NRW%	UFW%	NRW%	UFW%	NRW%	UFW%	NRW%	UFW%
2020	16.34	15.35	31.62	30.80	21.31	20.51	15.31	13.90	29.93	29.14	30.77	30.12	19.10	18.25	15.07	13.68	9.86	8.53	16.92	15.10	25.66	24.08	31.77	30.67
2021	22.26	21.43	29.33	28.55	30.07	29.38	21.76	20.91	27.25	26.06	23.08	21.55	17.24	16.03	22.16	21.33	12.00	11.10	20.37	19.10	16.83	15.56	25.06	23.66
2022	16.26	15.55	20.65	19.94	29.19	28.20	25.23	22.94	26.15	25.20	32.84	31.75	23.92	22.27	13.65	12.62	24.61	23.75	7.37	6.35	23.55	22.44	30.58	30.05
2023	20.74	20.10	17.26	16.55	22.66	21.90	32.93	31.78	38.60	27.50	15.33	14.69	24.21	23.30	15.74	14.66	17.10	16.45	12.17	11.71	9.88	8.65	20.28	18.93
2024	23.79	23.43	18.02	17.48	24.50	23.34	26.80	24.72	21.88	17.69	28.42	26.21	16.19	13.71	16.82	15.98	3.33	2.66	14.54	13.65	8.34	7.83	32.60	31.97
2025	22.04	21.35	8.51	8.00	25.97	24.65	30.42	30.35	13.48	13.39														

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Witness: William A. Lewis

17. Refer to Kentucky-American's response to Staff's First Request, Item 14. State how much, if applicable, current Water Service Kentucky employees' salaries and benefits will increase or decrease as a result of the proposed transaction.

Response:

We estimate the increased cost for salary and benefits to be on average $18,600 per employee.

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Witness: William A. Lewis

18. Refer to Kentucky-American's response to Staff's First Request, Item 15. Provide the salary and benefits for the person to be hired as well as whether the position would be permanent or temporary.

Response:

We estimate the cost associated with salary and benefits for this regular full-time position to be approximately $117,000.

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Witness: William A. Lewis

19. Refer to Kentucky-American's Response to Staff's First Request, Item 15. Explain the total amount of employees that Kentucky-American expects to hire in order to efficiently operate the current Water Service Kentucky systems.

Response:

KAW currently expects to hire a total of 14 employees to operate the WSK systems. KAW's preference is to hire all existing WSK employees who meet existing KAW employment standards, and hire one new employee to manage local safety and environmental compliance programs.

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Witness: William A. Lewis

20. Refer to Kentucky-American's response to Staff's First Request, Item 17. Explain how this transaction "will strengthen KAWC's ability to serve and respond to regulatory inquiries."

Response:

As described in response to Staff's First Request, Item 17, the proposed transaction will strengthen KAWC's ability to serve and respond to regulatory inquiries by combining Water Service Kentucky customers with a larger, more robust Company, KAWC. If approved, this proposed transaction will expand KAWC's service footprint, providing a greater opportunity to serve communities within the Commonwealth and broadening KAWC's presence which will enhance KAWC's ability to implement consistent service across a larger geographic area, and will help support KAWC's mission to deliver safe, reliable water service to its Kentucky customers through infrastructure investment and greater opportunity for operational efficiencies.

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Witness: Dominic DeGrazia

21. Refer to Kentucky-American's Response to Staff's First Request, Item 19, Attachment.

    a. Explain the title of the tendered tariff, "Customers served in Bell and Hickman Counties, including those previously served by Water Service Corporation of Kentucky."

        (1) Provide the number of additional customers Kentucky-American projects to serve in each of those counties by county.

        (2) State whether Kentucky-American intends to acquire additional customers not currently served by Water Service Kentucky.

    b. Confirm that Kentucky-American currently does not serve any customers in Bell or Hickman counties, Kentucky. If not confirmed, explain the response and include any current customer(s) count as well as the class of service the customer(s) take under.

    c. Refer also to the tariff on file with the Commission for Water Service Kentucky, P.S.C. Ky. No. 3 Sheet No. 10. Explain why Kentucky-American's proposed tariff does not address this charge.

Response:

a. The title of the tariff is designed to indicate to Water Service Corporation of Kentucky customers which Kentucky-American rate schedule applies to their service, as well any new customers in Bell and Hickman Counties that Kentucky-American may be able to serve.
    1) Kentucky-American has not projected to serve additional customers in Bell or Hickman Counties but expects that the customer counts will fluctuate in a manner similar to the other portions of its service territory.
    2) Kentucky-American does not presently intend to acquire additional customers not currently served by Water Service Kentucky in Bell or Hickman Counties.

b. Kentucky-American confirms that it currently does not serve any customers in Bell or Hickman Counties.

c. As explained in Paragraph 14 of the Joint Application, Kentucky-American proposes to serve Water Service Kentucky's customers in accordance with Kentucky-American's existing water service tariff on file with the Commission

except that the rates to be charged would remain the same as set forth at pages 38 and 39 of Water Service Kentucky's current tariff on file with the Commission. Sheet No. 10 of Water Service Kentucky's tariff pertains to the one-time cost of service connections. Kentucky-American proposes that its existing main extension tariff would apply to the former Water Service Kentucky customers.

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COMMISSION STAFF'S SECOND REQUEST FOR INFORMATION

Witness: Dominic DeGrazia

22. Refer to Water Service Kentucky's response to Commission Staff's First Request for Information, Item 2. Explain what Kentucky-American plans to do with the customer deposits being transferred from Water Service Kentucky.

Response:

Kentucky-American plans to return the customer deposits being transferred from Water Service Kentucky to those customers.

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Witness: William A. Lewis

23. Refer to Water Service Kentucky's response to Commission Staff's First Request, Item 1. Confirm the transaction involves Bell and Hickman counties, Kentucky. If confirmed, explain if Kentucky-American is requesting to amend its application.

Response:

KAW confirms that this transaction involves Bell and Hickman Counties which is where Water Service Kentucky's customers are. The reference in the Application to Clinton County was in error and was made because the City of Clinton is in Hickman County. Water Service Kentucky has no customers or operations in Clinton County.

Water Service Kentucky's response to PSC 1-1 corrects this error as does the confirmation made in this response. With that correction in place and in the record of this case, Joint Applicants do not see a need to amend their Joint Application. If the Commission feels otherwise, of course, Joint Applicants will file an amendment to the Joint Application making that correction nunc pro tunc.