

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

ELECTRONIC JOINT APPLICATION OF)
GREEN RIVER VALLEY WATER)
DISTRICT AND EDMONSON COUNTY)
WATER DISTRICT FOR AN ORDER)
APPROVING THE TRANSFER OF) CASE NO.
OWNERSHIP OF EDMONSON COUNTY) 2025-00329
WATER DISTRICT'S HART COUNTY)
SYSTEM AND THE WAX WATER)
TREATMENT PLANT AND APPROVING)
GREEN RIVER VALLEY WATER)
DISTRICT'S ASSUMPTION OF CERTAIN)
DEBT OBLIGATIONS OF EDMONSON)
COUNTY WATER DISTRICT PURSUANT TO)
THE PROVISIONS OF KRS 278.020, KRS)
278.300, AND 807 KAR 5:001)

RESPONSE OF
GREEN RIVER VALLEY WATER DISTRICT
TO
COMMISSION STAFF'S FIRST REQUEST FOR INFORMATION
DATED DECEMBER 19, 2025

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**RESPONSE OF GREEN RIVER VALLEY WATER DISTRICT TO
COMMISSION STAFF'S FIRST REQUEST FOR INFORMATION**

Green River Valley Water District (“Green River Valley” or the “District”)
submits its Response to Commission Staff’s First Request for Information.

/s/Tina C. Frederick
Tina C. Frederick
Stoll Keenon Ogden PLLC
300 West Vine Street, Ste 2100
Lexington, Kentucky 40507
Telephone: 859-231-3951
Fax: (859) 253-1093
Tina.frederick@skofirm.com

Damon R. Talley
Stoll Keenon Ogden PLLC
112 North Lincoln Boulevard
P.O. Box 150
Hodgenville, Kentucky 42748
Telephone: (270) 358-3187
Fax: (270) 358-9560
damon.talley@skofirm.com

*Counsel for Green River Valley Water
District*

CERTIFICATE OF SERVICE

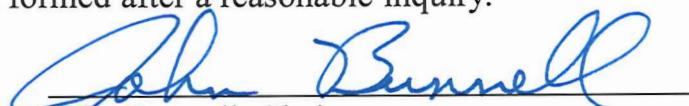
In accordance with the Commission's Order of July 22, 2021 in Case No. 2020-00085 (Electronic Emergency Docket Related to the Novel Coronavirus COVID-19), this is to certify that the electronic filing has been transmitted to the Commission on January 9, 2026; and that there are currently no parties in this proceeding that the Commission has excused from participation by electronic means.

/s/Tina C. Frederick
Tina C. Frederick

SWORN CERTIFICATION AND VERIFICATION

COMMONWEALTH OF KENTUCKY)
) SS:
COUNTY OF HART)

The undersigned, John Bunnell, being duly sworn, deposes and states that he as the Chairman of the Board of Commissioners of Green River Valley Water District, has personal knowledge of the matters set forth in the items for which he is identified as the witness in Green River Valley Water District's Response to Staff's First Request for Information in Kentucky Public Service Commission Case No. 2025-00329, and the information contained therein is true and correct to the best of his information, knowledge, and belief. Further, he certifies that he has supervised the preparation of this Response as required by 807 KAR 5:001, Section 4(12)(d)(2)(b), and that the Response is true and accurate to the best of his knowledge, information, and belief formed after a reasonable inquiry.



John Bunnell, Chairman
Green River Valley Water District

Subscribed, sworn to, and acknowledged before me, a Notary Public in and for said County and State, this 8th day of January 2026.



Stephanie Reynolds
Notary Public
My Commission Expires: 1-28-2026
Notary ID: KYNP42569

GREEN RIVER VALLEY WATER DISTRICT
Case No. 2025-00329
Response to Commission Staff's First Request for Information

Question No. 1-1

Responding Witness: John Bunnell, Chairman, Board of Commissioners

Q 1-1. **State whether Green River Valley District has identified any system improvement projects in the Hart County Water System and the Wax Water Treatment Plant (WTP). If any system improvements projects have been identified, explain each project and the expected cost.**

A 1-1. Green River Valley District must install a SCADA system at the Wax WTP to enable the District to control and monitor the functioning of the treatment plant and to provide for automatic logging of chlorine levels. Green River Valley District estimates that this will cost approximately **\$75,000.**

As the deadline to submit projects for KY WWATERS Program grant funding was approaching, Green River Valley District and Edmonson District developed a project profile for improvements to the Wax WTP. The project has been given Project Number WX21099057 and is currently pending in the WRIS system. The project was developed before the deferred maintenance items were addressed and these improvements are **not** needed immediately. The improvements

proposed in the project will increase in priority if the population in the Nolin Lake area increases. Green River Valley District and its consulting engineer believe that the Wax WTP can provide safe and reliable drinking water without these improvements for the immediate future.

GREEN RIVER VALLEY WATER DISTRICT
Case No. 2025-00329
Response to Commission Staff's First Request for Information

Question No. 1-2

Responding Witnesses: John Bunnell, Chairman, Board of Commissioners

Q 1-2. Explain how the proposed transfer of assets is in the public interest.

A 1-2. As a preliminary matter, Green River Valley District believes it is important to note that Edmonson District independently came to the decision that divesting itself of certain assets, including the Hart County System and the Wax WTP, was in the best interest of Edmonson District and its customers. Edmonson District made this decision without pressure from any outside source, including Green River Valley District. Once Edmonson District made this decision, it engaged neighboring water utilities in serious, productive discussions regarding the future of water service in the area and water production at the Wax WTP in particular. These serious and productive discussions resulted not only in the transfers proposed in this proceeding and in the companion proceeding, Case No. 2025-00330,¹ but in additional

¹ *Electronic Joint Application of Grayson County Water District and Edmonson County Water District for an Order approving the Transfer of Ownership of Edmonson County Water District's Grayson County Distribution System and*

metered connections being installed between Edmonson District and Green River Valley District and between Edmonson District and Grayson District. A meter has also been installed at the connection of Grayson District's system with the Hart County System to measure flow coming *from* Grayson District *to* the Hart County System. This permits Grayson District to send water to the Hart County System and measure the flow as well as to receive water produced by the Wax WTP. These connections provide for any of the three districts to supply water to another in emergency situations. This is an indication of goodwill and cooperation between neighboring utilities, which is also in the public interest.

In the months since Green River Valley District began operating Edmonson District's Hart County System and Grayson District began operating Edmonson District's Grayson System, Green River Valley District and Grayson District have cooperated in the rehabilitation of the "88 Tank," which is located in the Grayson System, but which benefits both Grayson District and Green River Valley District. Green River Valley District and Grayson District have established a very good

working relationship. Green River Valley District looks forward to providing wholesale service to Grayson District for many years to come.

The transfer of Edmonson District's Hart County System and the Wax WTP to Green River Valley District is in the public interest because: (1) Green River Valley District has adequate certified staff to operate the Wax WTP and Edmonson District does not; (2) in the six months that Green River Valley District has been operating the Hart County System and the Wax WTP, it has performed numerous maintenance activities that had previously been deferred. This has improved the functioning of the Wax WTP and the Hart County System and water quality; (3) Green River Valley District is located in Hart County and has the desire, as well as the financial, technical, and managerial abilities, to provide reasonable service to the Hart County System customers formerly served by Edmonson District without impairing its ability to serve its current customers; and (4) the public was informed of the potential transfer and has been overwhelmingly supportive of it.

Adequate Staff Certified and Non-Certified

The lack of adequate certified water treatment plant operators available to operate the Wax WTP before Green River District assumed operation of it was noted as a Significant Deficiency by the Kentucky Division of Water (“DOW”) during a sanitary survey conducted in June 2025.² The lack of appropriate certified staffing was also a factor in the Notices of Violation that resulted in Edmonson District entering into an Agreed Order with DOW in 2024.³ Since assuming operation of the Wax WTP in July 2025, Green River Valley District has operated the Wax WTP in two 12-hour shifts daily. Each shift is staffed by a certified operator having the appropriate credentials as well as non-certified staff. Additionally, a Class IV Certified Water Treatment Plant Operator employed by Green River Valley District lives within 10 minutes of the Wax WTP and can respond to any issues which may arise and require an additional certified operator. Green River Valley District’s Water Treatment Plant Manager, Michael Peterson, is a Class IV Water Treatment Plant Operator with over 15 years of experience managing

² See, Application, Exhibit 26.

³ See, Application, Exhibit 28, Attachment 1.

water treatment facilities in Kentucky and Tennessee. He is dedicated, knowledgeable, and committed to providing the best quality water possible.

Green River Valley District responded to DOW's Notice of Significant Deficiency by stating that the Wax WTP is now being operated in two 12-hour shifts each day, each with a certified operator on duty. Edmonson District included its plans to transfer the Wax WTP and the Hart County System to Green River Valley District in its response to the Significant Deficiency and in its update to its Corrective Action Plan on file with DOW.⁴ Green River Valley District and Edmonson District have spoken in a unified voice concerning the future of the Wax WTP and the Hart County System. It is in the public interest for the Wax WTP to be operated by a utility having an adequate number of Certified Water Treatment Plant Operators to run the plant in accordance with DOW regulations.

Green River Valley District currently employs eight Certified Water Treatment Plant Operators and 12 Certified Drinking Water Distribution Operators. This is an adequate number of certified employees to operate the Wax WTP, the Green River Valley Water

⁴ See, Application, Exhibit 25.

Treatment Plant, and to serve the existing Green River Valley District customers, as well as the additional customers of the Hart County System. As stated in the Written Direct Testimony of Green River Valley District's General Manager, Andrew Tucker, Green River Valley District has a stable staff and has not historically had difficulty maintaining adequate levels of certified staff.⁵ Additionally, some of Green River Valley District's non-certified staff are interested in becoming certified in furtherance of their careers in the water industry.⁶ It is in the public interest for the Wax WTP to be transferred to Green River Valley District because Green River Valley District has adequate staffing to operate it in accordance with DOW regulations.

Performance of Deferred Maintenance

Since assuming operation of the Wax WTP and the Hart County System in July 2025, Green River Valley District has been performing various maintenance items that were previously deferred. Doing so has resulted in improved water quality for the customers of the Hart County System and for Grayson District, which purchases wholesale water produced at the Wax WTP. At the time Green River Valley District

⁵ Application, Exhibit 24.

⁶ Id.

assumed operation of the Wax WTP, only one of the three screens on the intake that supplies water to the Wax WTP was operable. The intake was inspected by divers, and the screens and valves have been repaired. All three screens are now operable. Backwash valves have been replaced. The airburst system to reduce debris was not functioning, but has since been repaired. These repairs have helped reduce energy and chemical use at the Wax WTP.

The clear wells have been washed inside and out. The level of sludge on the inside of the clear wells was significant, and it was reducing water quality and increasing chemical cost. This has now been addressed by thoroughly cleaning the clear wells. Security cameras have also been installed. Both of the high-service pumps at the Wax WTP were not able to operate at the same time. This has been corrected. Addressing these issues has enabled Green River Valley District to increase production at the Wax WTP at lower costs.

Green River Valley District is beginning to see the results of performing the deferred maintenance on the Wax WTP in its Monthly Operating Reports. Turbidity is one area in which the readings have greatly improved. Edmonson District's failure to maintain a combined filter effluent turbidity level below 1 NTU was a factor in the 2024

Agreed Order between DOW and Edmonson District.⁷ Filed separately as **Exhibit 1** is a copy of the October 2024 Monthly Operating Report for the Wax WTP. Filed separately as **Exhibit 2** is a copy of the October 2025 Monthly Operating Report for the Wax WTP. Page eight (8) of the Monthly Operating Report for the Wax WTP, which is entitled “4 HR Turb” records the turbidity, or level of suspended particles present in the water, every four hours and also the daily maximum turbidity level for each day of the month. Higher levels of turbidity cause water to look cloudy or hazy and can provide a habitat for pathogens. **Exhibit 1, page 8** shows that in October 2024 Edmonson District was **in compliance** with DOW regulations concerning the level of turbidity, but it only had five days out of 31 in which the turbidity level was below 0.04. It also reported the maximum allowable level of turbidity (0.100) one day of the month and levels of 0.08 or above on three additional days. In comparison, **Exhibit 2, page 8** shows that Green River Valley District was also in compliance with DOW regulations concerning turbidity and **never approached** the maximum allowable level of turbidity in October 2025. The maximum level of turbidity reported in

⁷ See Application, Exhibit 25.

October 2025 was **0.05**. Additionally, Green River Valley District reported a daily maximum turbidity level below 0.04 in **22 out of 31** days.

Green River Valley District has also addressed deferred maintenance of the Hart County System. The Kessinger Tank and the Cub Run Tank, which are part of the Hart County distribution system, were inspected and cleaned. A missing vent cap was replaced on one of the tanks. The absence of the cap had exposed the inside of the tank to the elements. Considerable amounts of debris, mud, and sludge were removed from each tank during cleaning. Chemtrac chlorine analyzers were added to properly monitor chlorine levels as water flows through the distribution system, and all SCADA systems have been updated. Twelve flushing valves and two fire hydrants have been added, and some long-term leaks in the distribution system have been repaired. Green River Valley District prioritizes properly maintaining its infrastructure, as these assets enable the District to provide clean, safe, drinking water and adequate, efficient, and reasonable service.

While operating the Wax WTP and the Hart County System under the terms of an Operating Agreement with Edmonson District, Green River Valley District made maintenance and repair decisions for

these assets as if the assets were Green River Valley District's assets. Green River Valley District did not simply maintain the status quo and wait until the assets were transferred to do what it believed necessary to restore the assets to optimal functioning. Green River Valley District began its efforts to improve the operation of the system and the quality of the water it produces the day it began operating it. It is in the public interest for the Hart County System and the Wax WTP to be operated by a utility with the desire to maintain the assets of the System and with the financial, technical, and managerial ability to do so. Green River Valley District has proven by its approach to operating these assets while under an Operating Agreement with their owner that it has the desire, along with the financial, technical, and managerial ability to operate the Hart County System and the Wax WTP for the benefit of the customers who depend upon these assets.

Green River Valley District has also proven by its successful operation of its current system that it has the financial, technical, and managerial ability to operate a water utility and to provide reasonable service. Attached to this response as **Attachment 1-2a** is a copy of DOW's August 29, 2025 Report of Green River Valley District's routine surface inspection. There are no violations noted. The Report

does reference irregularities with the overflow pipe screens on the New Horse Cave Tank and the Monroe Tank. Those have been corrected and did not rise to the level of a violation.⁸ On page three of the DOW Inspection Report, the inspector notes that Green River Valley District has recently “taken over the operation of the Wax treatment plant and the distribution system located in the Hart County area of Wax.” The inspector goes on to detail some of the improvements made by Green River Valley District and noted that “[Green River Valley District personnel] are generating multiple different reports regularly to proactively maintain and upgrade their system.”⁹

The Commission’s Division of Inspections inspected Green River Valley District in October of 2024 and October 2025. A copy of the 2025 Inspection Report and Green River Valley’s written response to it are attached to this response **as Attachment 1-2b**. The only deficiency cited in either inspection was water loss in excess of 15 percent. For calendar year 2023 Green River Valley District reported 17.6 percent water loss and in 2024 it reported 16.9 percent water loss.¹⁰

⁸ Attachment 1-2a at 4.

⁹ *Id.* at 3.

¹⁰ *Green River Valley Water District’s Annual Financial and Statistical Report to the Commission for the Year-ended December 31, 2023* (2023 Annual Report) at 58, and *Green River Valley Water District’s Annual Financial and Statistical Report to the Commission for the Year-ended December 31, 2024* (2024 Annual Report) at 58.

Many water utilities in Kentucky struggle to maintain water loss at or below 15 percent. Although its level of excessive water loss is not extreme, Green River Valley District takes the matter seriously and is actively engaged in the fight against excessive water loss. Green River Valley District will continue to make this a priority.

Local Service

Providing customers with accessible service close to their place of residence is in the public interest because it is more convenient for the customer and enables a greater level of responsiveness from the utility. Green River Valley District's office is in Hart County. Transferring the Hart County System to Green River Valley District will provide Hart County customers with local service. Customers will be able to pay their bills in person, if they so desire, without leaving their home county. Green River Valley District's current service territory is adjacent to the Hart County System as shown in **Exhibit 3 to the Application.** Green River Valley District is closer to some of the Hart County customers than Edmonson District and can respond to emergencies and service requests just as quickly as Edmonson District, if not more quickly. Transferring the Hart County System to Green River Valley District will result in improved responsiveness, which is

in the public interest. Green River Valley District has demonstrated by its competent operation of its current system and the Hart County System and the Wax WTP under an Operating Agreement with Edmonson District that it has the financial, technical, and managerial ability to operate these assets. Because Green River Valley District can provide local, adequate, efficient, and reasonable service, it is in the public interest to permit it do so.¹¹

Public Support

Green River Valley District sought the public's input into the proposed transfer of the Hart County System and the Wax WTP. The District has been transparent with the public through the process and has been accessible to answer the public's questions. Before entering into the Asset Purchase Agreement with Edmonson District, Green River Valley District hosted a public meeting on July 22, 2025, at Cub Run Elementary School in Hart County. The management and staff of Green River Valley District attended this meeting and were available to answer the public's questions regarding a potential transfer of the Hart County System and the Wax WTP to Green River Valley District. Approximately 300 people attended the meeting, including Hart

¹¹ Pursuant to KRS 278.030(2), every utility shall furnish adequate efficient and reasonable service.

County Judge Executive, Joe Choate; 5th District Hart County Fiscal Court Magistrate, Lee Miles; and members of the Hart County Industrial Authority.

Members of the public discussed their concerns with their current water service. Many reported bad-tasting water and questioned the water quality. Green River Valley District explained that it would inspect the system and would address any issues revealed by the inspection. A member of a local fire department voiced a concern regarding the need for a hydrant in a specific location. At the meeting, Green River Valley District committed to exploring the possibility of installing one where it was requested and later found that it could indeed install the hydrant and did so without delay. Overall, the public meeting revealed that the customers of the Hart County System welcomed the possibility of having water provided by a local utility with a reputation for providing safe, clean drinking water on a reliable basis.

Green River Valley District has heard many positive comments since it began operating the Hart County System. Customers are grateful to have a local water service provider. Many have commented on improved taste and smell of the water entering their homes. Green

River Valley District is committed to providing a high level of customer service and does not take the public's support for granted. The proposed transfer is in the public interest because the public's input was sought and the public is in support of the transfer.

In summary, the transfer of the Hart County System and the Wax WTP is in the public interest because Edmonson District has independently decided to focus its operations on other areas of its system and Green River Valley District is in an ideal position to assume ownership of the assets. Green River Valley District is a well-established water utility in Hart County with the financial, technical, and managerial ability to operate the system. Green River Valley District has an adequate number of Certified Water Treatment Plant Operators, as well as an adequate non-certified staff to operate the system in accordance with DOW regulations. While operating the Hart County System and the Wax WTP under an Operating Agreement with Edmonson District, Green River Valley District has inspected the Wax WTP and the storage tanks serving the Hart County System and has performed numerous items of deferred maintenance to restore these assets to full functioning. Green River Valley District has also located and repaired leaks in the Hart County System. The public is not

complaining about the change in operations. In fact, the public has been supportive of the change. For the aforementioned reasons, the transfer of the Hart County System and the Wax WTP to Green River Valley District is in the public interest.

Attachment 1-2a

**ENERGY AND ENVIRONMENT CABINET
KENTUCKY DEPARTMENT FOR ENVIRONMENTAL PROTECTION
DIVISION OF WATER
Routine Surface Inspection**

Site/Permit ID: KY0500166	Division: Water	Regional Office: Bowling Green
Site Name: Green River Valley Water District	Program: Drinking Water	
Site Address: 4665 North Jackson Highway		
City: Munfordville	State: KY	Zip: 42765
County: Hart		
Inspection Type: Routine Surface	Purpose: Comprehensive	
Inspection Date: 8/29/25	Time: Start 9:30 AM End 4:00 PM	
Latitude: 37.3 151 31	Longitude: -85. 7630 47	

Coordinate Collection Method: Revision Code: [112108](#)

Drinking Water Data

Plant Name: Green River Valley	Contact Name: Michael Peterson	
Phone No.: 270-528-2081 cell 270-405-6182	Fax No: 270-528-5863	Email Address: grvwp@scrtc.com

I. Administrative Requirements

Comments:

I. Compliance Status - No violations observed

II. Operator Certification/Accreditation Requirements

Operator in Charge or on duty.

Operator Name	Plant Certification #	Distribution Certification #
Michael Peterson	28421 (IV-A)	29833 (II)
Roddy Harper		16021 (IV)
Katara Reynolds		83540 (III)

Comments: [License active. Multiple operators available.](#)

II. Compliance Status - No violations observed

III. Record Keeping Requirements

Comments: [Record keeping documentation reviewed at Water District office and WTP.](#)

III. Compliance Status - No violations observed

IV. Reporting Requirements

Comments: No recent central office reporting violations on file. The system has demonstrated compliance for the requirements to issue and lift boil water advisories.

IV. Compliance Status - No violations observed

V. Operation & Maintenance/Performance Requirements

Plant Type: C N P Service Connections: 9963 Population Served: 17,431

Average Production MGD: 4.2 Max. Production MGD: 4.5 Design Capacity MGD: 6.0

Source: Green River and Rio Spring

RATING CODES: S1=No Violations Observed; S2=No Violations Obs-but impending viol trends obs; U1=Out of Compliance-No action taken; U2= Out of Comp-LOW non-recurrent Adm. or O & M; U3= Out of Compliance-NOV; NA = Not Applicable; NE = Not Evaluated. (Add additional comments if U1-U3.)

	RATING	Equipment / Inspection Data	<input type="checkbox"/> Checking block means item is present:
CHEMICAL & PHYSICAL TREATMENT	S1	a) Intakes, pumps, piping <input checked="" type="checkbox"/>	# Of Levels 2 # Pumps 3 Max pump 2-1250; 1-1000
	NA	b) Aeration <input type="checkbox"/>	
	S1	c) Rapid mix <input checked="" type="checkbox"/>	Type: Mechanical paddle If other:
	S1	d) Flocculation <input checked="" type="checkbox"/>	# of Stages 2 # of Trains 3 Variable Speed
	S1	e) Sedimentation <input checked="" type="checkbox"/>	Type: Conventional w/ tubes # of trains: 3
	S1	f) Chemical feed coagulation	Polyaluminum Cl/SO4
	S1	g) Carbon Feed: <input checked="" type="checkbox"/>	Feed Site1: Rapid Mix Feed Site 2:
	S1	h) Filters & controls	Mixed Media Filter to Waste <input checked="" type="checkbox"/>
	S1	i) Filters / size sq.ft each./ rate	# 6 Size 180 Filtration Rate: 3
	S1	j) Automatic analyzers:	Chlorine: <input checked="" type="checkbox"/> Turbidity: <input checked="" type="checkbox"/> Each filter: <input checked="" type="checkbox"/> pH: <input type="checkbox"/>
	S1	k) Chemical storage:	Dry on pallets? <input checked="" type="checkbox"/> Chemical containment: <input checked="" type="checkbox"/>
	S1	l) Clearwell / screened vents	Size: 1.4 MG Baffling: <input checked="" type="checkbox"/> Locked <input checked="" type="checkbox"/> Screened <input checked="" type="checkbox"/>
	S1	m) Pumps # and size in gpm	High Service 10 @ Backwash 2 @ 3600
SITE DATA	S1	n) Site Data: Hiseville BPS	Cl. Free: 1.62 Total: 1.74 pH: :
	S1	o) Site Data: 189 Halhown Rd	Cl. Free: 0.83 Total: 0.90 pH:
		p) Site Data:	Cl. Free: Total: pH:
		q) Site Data:	Cl. Free: Total: pH:
DISINFECTION	S1	r) Disinfection Pre: <input checked="" type="checkbox"/> Post: <input checked="" type="checkbox"/>	Pre Type: Chlorine gas Post type: Chlorine gas
	S1	s) Automatic chlorinator <input checked="" type="checkbox"/>	Automatic changeover <input checked="" type="checkbox"/> Proper Fan <input checked="" type="checkbox"/>
	S1	t) Separate room & ventilation	Crash Bar <input checked="" type="checkbox"/> Alarm <input checked="" type="checkbox"/>
	S1	u) Safety equipment	SCBA <input checked="" type="checkbox"/> Ammonia <input checked="" type="checkbox"/> Detector <input checked="" type="checkbox"/>
LABORATORY & RECORDS	S1	v) Laboratory equipment	Adequate Space <input checked="" type="checkbox"/> Equipment <input checked="" type="checkbox"/> Lighting: <input checked="" type="checkbox"/>
	S1	(1) Turbidimeter <input checked="" type="checkbox"/>	Type: TU5200 Last calibrated: 5/20/2024
	S1	(2) Adequate reagent supply	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	S1	(3) Chlorine Test Kit <input checked="" type="checkbox"/>	Type: Hach Colorimeter DPD reagent up-to-date: <input checked="" type="checkbox"/>
	S1	w) Monthly operating reports	<input checked="" type="checkbox"/> Daily Record Sheet <input checked="" type="checkbox"/> Agreement: <input type="checkbox"/>
	S1	x) Housekeeping	Good
DISTRIBUTION	S1	y) Master meter ; Recorder	Raw: <input checked="" type="checkbox"/> Finished: <input checked="" type="checkbox"/> ; Raw: <input checked="" type="checkbox"/> Finished: <input checked="" type="checkbox"/>
	S1	z) Blowoffs / hydrants; flushing	Flushing Schedule: <input checked="" type="checkbox"/> Blowoffs on deadends: <input checked="" type="checkbox"/>
	S1	aa) Water storage:	# of Tanks 13 Total Storage: 2.976 MG
	S1	bb) Booster pumps / chlorinators	Booster pumps: <input checked="" type="checkbox"/> Booster chlorinators: <input checked="" type="checkbox"/>

PLANT ON SITE OBSERVATION	S1	cc) Plant Data:	Cl free: 2.48 total: 2.79 pH: 7.17 68.4° F
	S1	dd) Turbidity	Raw: 7.43 Settled: 0.39 Combined Filter: 0.023
	S1	ee) Bacteriological monitoring	Samples per mo. 20 Records: <input checked="" type="checkbox"/>
	S1	ff) No cross-connections observed	None observed: <input checked="" type="checkbox"/> Observed: <input type="checkbox"/> Program: <input type="checkbox"/>
	S1	gg) Wastewater discharge	KPDES Is sizing adequate? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Comments: **Green River Valley Water District has recently taken over operation of the Wax treatment plant and the distribution system located in the Hart County area of Wax. The Distribution Dept has installed nine new blowoffs in the Cub Run area to aid in water age and flushing. Flushing schedule is in the spring and fall. Valve exercise program utilizes real-time GIS system. Check valves are used in every setter, and the system works with the health dept. and plumbers before installing a new meter. System has begun switching to new Kamstrup meters, which allow them to electronically view data about the meter, including if water has tried to backflow or the meter has gone dry. The water district office has access to telemetry and data from meters and water flow in their system and are generating multiple different reports regularly to proactively maintain and upgrade their system.**

Site visits were made to five storage tanks and one pump station: new horse cave tank, hiseville, knob lick, crail hope, monroe, and hiseville pump station. At the new horse cave tank, the overflow pipe screen had blown out and should be replaced. The overflow pipe screen at the monroe tank was being held on by a clamp on the outside of the line and was not secure. Crail Hope tank had some kind of coating pulling up and peeling back on the coupling of a line entering/exiting the bottom of the tank. Unsure if this is mainly an aesthetic issue or something more.

The Water Treatment Plant runs two 12-hour shifts. There are two different intake locations, one at the Green River and one at Rio Verde Spring. The plant pulls from both sources and use the combination to offer them the best water for treatment. The plant can also pull from either source independently if necessary. The Green River location has five pumps and four screened intakes. The transmission lines from each of the source waters combine at the water plant, where they go through a sand/grit chamber. This chamber is taken down for cleaning at least monthly.

Due to the source water quality the plant does not feed a pre-oxidizer. Four Flocculator chambers are available and can be used separate or combined. At the time of inspection Floc motor 3 had been pulled for service, chambers 1 and 2 were combined and chambers 3 and 4 were combined. Flocculator and Sedimentation basins are cleaned at least monthly. The plant utilizes tube settlers in the sed basins. All eight filters have had the media and underdrains replaced within the last three years. Three clearwell's are available and used in series, but they can also be operated independently.

Labtronix calibrates meters and analyzers at the plant on a regular basis. Backflow prevention devices are checked by the Fire Dept quarterly.

V. Compliance Status - No violations obs-but impending viol trends obs

VI. Discharge/Emission Compliance

Comments: **A separate wastewater inspection was conducted in conjunction with this inspection.**

VI. Compliance Status - Not Applicable

VII. Monitoring/Analyses Evaluation

Comments: No recent central office reporting violations on file. Sampling locations, frequency and procedures were sufficient.

VII. Compliance Status - No violations observed

VIII. Environmental /Health Impact

Work Site Hazard Assessment :

ATTACHED REVIEWED

Comments:

VIII. Compliance Status – No violations observed

IX. Documentation

- Samples taken by DEP
- Samples taken by outside source
- Instrument readings taken by DEP regional office
- Photographs obtained by DEP
- Copies of records obtained by DEP
- Other documentation

Inspector: [Justin Spears](#)

Title: Environmental Inspector III

Date: [09/11/2025](#)

Signature:

Overall Compliance Status

- No violations observed
- No violations observed, but impending violation trends observed
- Out of Compliance- No action taken
- Out of Compliance LOW non-recurrent administrative or O & M
- Out of Compliance - NOV

Comments: [The overflow pipe screen was blown out on the New Horse Cave Tank. The overflow pipe screen on the Monroe Tank had been clamped onto the outside of the pipe and was not secure. Screens on overflow pipes should be of appropriate size, installation, and maintained in accordance with ten state standards, 2012 edition.](#)

Delivery Method: [E-mail](#)

Cert. Mail #:

Attachment 1-2b



Andy Beshear
Governor

Rebecca W. Goodman
Secretary
Energy and Environment Cabinet

Commonwealth of Kentucky
Public Service Commission
211 Sower Blvd.
P.O. Box 615
Frankfort, Kentucky 40602-0615
Telephone: (502) 564-3940
psc.ky.gov

Angie Hatton
Chair

Mary Pat Regan
Commissioner

Andrew W. Wood
Commissioner

December 11, 2025

Green River Valley Water District
Andrew Tucker
General Manager
PO Box 460
Horse Cave, KY 42749

Re: Periodic Water Inspection
Green River Valley Water District
Hart County, Kentucky

Dear Green River Valley Water District:

The Kentucky Public Service Commission (Commission) has exclusive jurisdiction over regulation of utility rates and services in the Commonwealth of Kentucky pursuant to KRS 278.040. KRS 278.250 grants the Commission authority to investigate the condition of a utility subject to its jurisdiction. The Division of Inspections regulates the safety and requirements of jurisdictional water utilities pursuant to 807 KAR Chapter 005.

Commission Staff performed a periodic water inspection of Green River Valley Water District's system on October 21, 2025, reviewing Green River Valley Water District's operations and management practices pursuant to Commission regulations. Commission Staff prepared an Inspection Report dated December 11, 2025. The Inspection Report cited Green River Valley Water District for one violation of water utility regulations:

1. 807 KAR 5:066 Section 6(3) – Unaccounted-for water loss. For ratemaking purposes, a utility's unaccounted-for water loss shall not exceed fifteen (15) percent of total water produced and purchased, excluding water used by a utility in its own operations. Water Loss was reported at 16.9 percent on the utility's 2024 Annual Report.

For the deficiency listed above, Green River Valley Water District will need to provide Commission Staff with a detailed explanation regarding each deficiency. Green River Valley Water District will need to address the deficiency in the letter and state why the deficiency occurred, what is being done to correct the deficiency, and what action is being taken to prevent the deficiency from occurring in the future.

Green River Valley Water District's response will be used by Commission Staff in determining whether a penalty will be assessed and, if so, the amount of the penalty to

December 11, 2025

Page 2

be assessed against Green River Valley Water District. Green River Valley Water District will have the ability to contest any proposed penalty at a hearing in front of the Commission where the Commission will make a final determination, if Green River Valley Water District so desires.

Green River Valley Water District's response regarding the deficiency should be submitted within thirty (30) days of the date of this letter via email to PSCED@ky.gov.

If Green River Valley Water District does not respond within thirty (30) days of the date of this letter, the Commission will institute an administrative proceeding against Green River Valley Water District. The Administrative Proceeding will include a formal hearing in front of the Commission during which Green River Valley Water District will have an opportunity to show cause as to why Green River Valley Water District should not be subject to penalties under KRS 278.990 for the violations cited herein.

If you have any questions regarding this matter, please contact Erin Donges, Division of Inspections, at erin.donges@ky.gov or 502-330-5970.

Sincerely,



Brandon S. Bruner
Director, Division of Inspections

Enclosure



Kentucky Public Service Commission

Periodic Compliance Inspection

Utility: GREEN RIVER VALLEY WATER DISTRICT

Utility location: 1180 EAST MAIN ST
HORSE CAVE, KY 42749
(P.O. BOX 460)

Investigator: ERIN DONGES

Date(s) of inspection: OCTOBER 21, 2025

Date(s) of last inspection: OCTOBER 29, 2024

Deficiencies noted during last inspection:

WATER LOSS

Have deficiencies been corrected since last inspection: Yes No N/A

Primary utility representative(s) involved with inspection:

Name: ANDREW TUCKER Title: GENERAL MANAGER

Who with the utility should receive the inspection report cover letter from the commission?

Name: ANDREW TUCKER Title: GENERAL MANAGER

Mailing address: P.O. BOX 460 HORSE CAVE, KY 42749

Email address: ANDREW.TUCKER@GRVWD.COM Phone number: (270) 786-2134

Current Commissioners and term exp.

Name: JOHN BUNNELL EXP 2029

Name: DEBBIE FOWLER EXP 2026

Name: LELAND GLASS EXP 2026

Name: ADRIAN GOSSETT EXP 2027

Name: PAT TUCKER EXP 2027

Kentucky Public Service Commission

Periodic Compliance Inspection

General Questions

Treatment Facility

Source Water: WATER TREATMENT PLANT (RIO SPRING AND GREEN RIVER)

Plant Capacity: 8 MGD

Avg. Amount Produced: 4,561,252 GPD

Distribution Facility

Source Water: WATER TREATMENT PLANT

Area of Operation: BARREN, GREEN, HART, LARUE, METCALFE, AND HARDIN

Avg. Amount Purchased: N/A

Water sold at wholesale rate to other water systems: MUNFORDVILLE WATER COMP, LARUE WATER DISTRICT, CAVELAND ENVIRONMENTAL AUTHORITY, HORSE CAVE WATER COMP.

Emergency Connections: EDMONSON COUNTY WATER DISTRICT, GLASGOW WATER COMPANY

Utility Information

Number of Employees:

Number of Office Employees:

Number of Certified Water Treatment Employees:

Number of Certified Distribution Employees:

Number of Certified Meter Testers:

Utility Chairperson/President: JOHN BUNNELL

Metering System:

Number of Customers: 8,439

Meter Reading:

AMR

AMI

Other

Manual

Type of meter used for customers: KAMPSTRUP AND BADGER

Does the Utility: Test Meters Replace Meters Meter Testing Deviation

Kentucky Public Service Commission

Periodic Compliance Inspection

Review Current Emergency Response Plan (ERP):

Has the utility made any revisions to the ERP in the past 24 months?

Yes

No

N/A

807 KAR 5:006 (General Rules)

Section 4: Reports

Has the utility filed its gross annual operating revenue report?

Yes

No

N/A

Has the utility filed its annual financial and statistical report?

Yes

No

N/A

Does the utility file Quarterly Meter Reports (QMR) indicating meter tested, number of customers, and amount of refunds?

Yes

No

N/A

Section 7: Billings, Meter Readings, and Information

Does each bill for utility service, issued periodically by a utility, clearly show the following?

The date the bill was issued:	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Class of service:	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Present and last preceding meter readings:	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Date of the present reading:	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Number of units consumed:	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Meter constant, if applicable:	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A <input checked="" type="checkbox"/>
Net amount for service rendered:	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
All taxes:	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
Adjustments, if applicable:	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
The gross amount of the bill:	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>
The date after which a penalty may apply to the gross amount:	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	N/A <input type="checkbox"/>

Kentucky Public Service Commission

Periodic Compliance Inspection

If the bill is estimated or calculated: Yes No N/A

Is the rate schedule under which the bill is computed posted on the utility's Web site (if it maintains a Web site)? Yes No N/A

Also furnished by one (1) of the following methods, by:

Printing it on the bill: Yes No N/A

Publishing it in a newspaper of general circulation once each year:

Yes No N/A

Mailing it to each customer once each year; or: Yes No N/A

Provide a place on each bill for a customer to indicate the customer's desire for a copy of the applicable rates: Yes No N/A

Does the utility (except if prevented by reasons beyond its control) read customer meters at least quarterly? Yes No N/A

Is each customer-read meter read manually, at least once during each calendar year? Yes No N/A

Does the utility maintain the information required by this subsection, and is it available to the commission and any customer requesting this information? Yes No N/A

If, due to reasons beyond its control, a utility is unable to read a meter in accordance with this subsection, does the utility record the date and time the attempt was made, if applicable, and the reason the utility was unable to read the meter? Yes No N/A

Section 9: Non-recurring Charges

Is a charge assessed if a customer requests the meter be tested pursuant to Section 19 of this administrative regulation and the tests show the as-found meter accuracy is within the limits established by 807 KAR 5:066, Section 15(2)(a)? Yes No N/A

Section 10: Customer Complaints to the Utility

Upon complaint to a utility by a customer at the utility's office, by telephone or in writing, does the utility make a prompt and complete investigation and advise the customer of the utility's findings?

Yes No N/A

Does the utility keep a record of all written complaints concerning the utility's service?

Yes No N/A

Does the record include the following?

The customer's name and address: Yes No N/A

Kentucky Public Service Commission

Periodic Compliance Inspection

The date and nature of the complaint: Yes No N/A

The disposition of the complaint: Yes No N/A

Does the utility maintain these records for two (2) years from the date of resolution of the complaint?

Yes No N/A

If a written complaint or a complaint made in person at the utility's office is not resolved, does the utility provide written notice to the customer of his or her right to file a complaint with the commission?

Yes No N/A

Does the utility provide the customer with the mailing address, Web site address, and telephone number of the commission?

Yes No N/A

If a telephonic complaint is not resolved, does the utility provide at least oral notice to the customer of his or her right to file a complaint with the commission?

Yes No N/A

Section 11: Bill Adjustment

Does the utility monitor a customer's usage at least quarterly? Yes No N/A

Are the utility's procedures designed to draw the utility's attention to unusual deviations in a customer's usage?

Yes No N/A

If a customer's usage is unduly high and the deviation is not otherwise explained, will the utility test the customer's meter?

Yes No N/A

If a utility's procedure for monitoring usage indicates that an investigation of a customer's usage is necessary, does the utility notify the customer in writing?

Yes No N/A

If knowledge of a serious situation requires more expeditious notice, does the utility notify the customer by the most expedient means available?

Yes No N/A

If the meter shows an average meter error greater than two (2) percent fast or slow, does the utility maintain the meter in question at a secure location under the utility's control, for a period of six (6) months from the date the customer is notified of the finding of the investigation and the time frame the meter will be secured by the utility or if the customer has filed a formal complaint?

Yes No N/A

Section 14: Utility Customer Relations

Does the utility post and maintain regular business hours and provide representatives available to assist its customers and to respond to inquiries from the commission regarding customer complaints?

Yes No N/A

Kentucky Public Service Commission

Periodic Compliance Inspection

Does the utility designate at least one (1) representative to be available to answer customer questions, resolve disputes, and negotiate partial payment plans at the utility's office?

Yes No N/A

If the utility has annual operating revenues of \$250,000 or more, does it make a designated representative available during the utility's established working hours not fewer than seven (7) hours per day, five (5) days per week excluding legal holidays?

Yes No N/A

If the utility has annual operating revenues of less than \$250,000, does it make a designated representative available during the utility's established working hours not fewer than seven (7) hours per day, one (1) day per week?

Yes No N/A

Does the utility provide the following?

Maintain a telephone: Yes No N/A

Publish the telephone number in all service areas: Yes No N/A

Permit all customers to contact the utility's designated representative without charge:

Yes No N/A

Does the utility prominently display in each office open to the public for customer service (and shall post on its Web site, if it maintains a Web site) a summary, prepared and provided by the commission, of the customer's rights pursuant to this section and Section 16 of this administrative regulation?

Yes No N/A

Does the utility inspect the condition of its meter and service connections before making service connections to a new customer so that prior or fraudulent use of the facilities shall not be attributed to the new customer?

Yes No N/A

Section 17: Meter Testing

Does the utility maintain meter standards and test facilities, as more specifically established in 807 KAR 5:066?

Yes No N/A

Meter Test Bench Certification Expiration: 2026

Before being installed for use by a customer, are all meters tested and in good working order (and adjusted as close to the optimum operating tolerance as possible) as more specifically established in 807 KAR 5:066, Section 15(2)(a)-(b)?

Yes No N/A

Does the utility have all or part of its testing of meters performed by another utility or agency?

Yes No N/A

Who performs testing of meters for Utility? UTILITY

Does the utility or agency employ apprentices in training for certification as meter testers?

Yes No N/A

Kentucky Public Service Commission

Periodic Compliance Inspection

Are all tests performed during this period by an apprentice witnessed by a certified meter tester?

Yes No N/A

Section 18: Meter Test Records

Does the utility maintain a complete record of all meter tests and adjustments and data sufficient to allow checking of test calculations?

Yes No N/A

Do the records include the following?

Information to identify the unit and its location: Yes No N/A

Date of tests: Yes No N/A

Reason for the tests: Yes No N/A

Readings before and after test: Yes No N/A

Statement of "as found" and "as left" accuracies sufficiently complete to permit checking of calculations employed: Yes No N/A

Statement of repairs made, if any: Yes No N/A

Identifying number of the meter: Yes No N/A

Type and capacity of the meter: Yes No N/A

Does the utility maintain a complete record of tests of each meter continuous for at least two (2) periodic test periods and shall in no case be less than two (2) years? Yes No N/A

Does the utility maintain numerically arranged and properly classified records for each meter that it owns, uses, and inventories?

Yes No N/A

Do these records include the following?

Identification number: Yes No N/A

Date of purchase: Yes No N/A

Name of manufacturer: Yes No N/A

Serial number: Yes No N/A

Type: Yes No N/A

Name and address of each customer on whose premises the meter has been in service with date of installation and removal: Yes No N/A

Do these records contain condensed information concerning all tests and adjustments including dates and general results of the adjustments?

Yes No N/A

Kentucky Public Service Commission

Periodic Compliance Inspection

Do these records reflect the date of the last test and indicate the proper date for the next periodic test?

Yes No N/A

Section 19: Request Tests

Does the utility make a test of a meter upon written request of a customer if the request is not made more frequently than once each twelve (12) months?

Yes No N/A

Does the utility afford the customer the opportunity to be present at the requested test?

Yes No N/A

If the tests show the as-found meter accuracy is within the limits allowed by 807 KAR 5:066, Section 15(2)(a), does the utility may make a reasonable charge for the test?

Yes No N/A

Has the utility filed a tariff (commission approved) establishing a meter test charge?

Yes No N/A

Section 20: Access to Property

Do employees of the utility (whose duties require him to enter the customer's premises) wear a distinguishing uniform or other insignia, identifying them as an employee of the utility, and show a badge or other identification that shall identify them as an employee of the utility?

Yes No N/A

Section 23: System Maps and Records

Does the utility have on file at its principal office located within the state and shall file upon request with the commission a map or maps of suitable scale of the general territory it serves or holds itself ready to serve?

Yes No N/A

Is the map or maps available in electronic format as a PDF file or as a digital geographic database?

Yes No N/A

Is following data available on the map or maps?

Operating districts: Yes No N/A

Rate districts Yes No N/A

Communities served: Yes No N/A

Location and size of distribution lines, and service connections:

Yes No N/A

Section 24: Location of Records

Are all records required by 807 KAR Chapter 5 kept in the office of the utility and made available to representatives, agents, or staff of the commission upon reasonable notice at all reasonable hours?

Yes No N/A

Kentucky Public Service Commission

Periodic Compliance Inspection

Section 25: Safety Program

Has the utility adopted and executed a safety program, appropriate to the size and type of its operations?

Yes No N/A

At a minimum, does the safety program include the following?

A safety manual with written guidelines for safe working practices and procedures to be followed by utility employees:

Yes No N/A

Instruct employees in safe methods of performing their work? Yes No N/A

Utility has monthly safety meetings. YES

Instruct employees who, in the course of their work, are subject to the hazard of electrical shock, asphyxiation, or drowning, in accepted methods of artificial respiration: (CPR expiration:2026)

Yes No N/A

Section 26: Inspection of Systems

Has the utility adopted inspection procedures to assure safe and adequate operation of the utility's facilities and compliance with KRS Chapter 278 and 807 KAR Chapter 5?

Yes No N/A

Have these inspection procedures been filed with the commission for review?

Yes No N/A

Upon receipt of a report of a potentially hazardous condition at a utility facility, does the utility inspect all portions of the system that are the subject of the report? Yes No N/A

Are appropriate records kept by a utility to identify the inspection made, the date and time of inspection, the person conducting the inspection, deficiencies found, and action taken to correct the deficiencies?

Yes No N/A

Water utility inspections. Each water utility shall make systematic inspections of its system as established in paragraphs (a) through (c) of 807 KAR 5:006 Section 26(6) to ensure that the commission's safety requirements are being met. These inspections shall be made as often as necessary but not less frequently than as established in paragraphs (a) through (c) of 807 KAR 5:006 Section 26(6) for various classes of facilities and types of inspection.

The utility shall annually inspect all structures pertaining to source of supply for their safety and physical and structural integrity.

Does the utility inspect the structures listed below?

Dams Yes No N/A

Intakes Yes No N/A

Kentucky Public Service Commission

Periodic Compliance Inspection

Traveling screen Yes No N/A

Does the utility semiannually inspect the structures listed below?

Wells Yes No N/A

Well motors and structures Yes No N/A

Electric power wiring and controls Yes No N/A

The utility shall annually inspect all structures pertaining to purification for their safety, physical and structural integrity, and for leaks.

Does the utility annually inspect the structures listed below?

Sedimentation basins Yes No N/A

Filters Yes No NA

Clear Wells Yes No NA

Chemical feed equipment Yes No N/A

Pumping equipment Yes No N/A

Water storage facilities Yes No N/A

Hydrants Yes No N/A

Mains Yes No N/A

Meters Yes No N/A

Meter settings Yes No N/A

Valves Yes No Not Applicable

Does the utility monthly inspect the equipment listed below for defects, wear, operational hazard, lubrication, and safety features?

Construction equipment Yes No N/A

Section 27: Reporting of Accidents, Property Damage, or Loss of Service

Within two (2) hours following discovery does the utility notify the commission by telephone or electronic mail of a utility related accident that results in the following:

Death or shock or burn requiring medical treatment at a hospital or similar medical facility, or any accident requiring inpatient overnight hospitalization: Yes No N/A

Kentucky Public Service Commission

Periodic Compliance Inspection

Actual or potential property damage of \$25,000 or more: Yes No N/A

Loss of service for four (4) or more hours to ten (10) percent or 500 or more of the utility's customers, whichever is less: Yes No N/A

Are summary written reports submitted by the utility to the commission within seven (7) calendar days of the utility related accident? Yes No N/A

Section 28: Deviations from Administrative Regulation:

Has the utility been permitted by the commission to deviate from these administrative regulations? Yes No N/A

807 KAR 5:011

(Tariffs)

Section 12: Posting tariffs, Administrative Regulations, and Statutes

Does the utility display a suitable placard, in large type, that states that the utility's tariff and statutes are available for public inspection? Yes No N/A

Does the utility provide a suitable table or desk in its office or place of business on which the public may view all effective tariffs? Yes No N/A

Section 13: Special Contracts

Does the utility have any special contracts that establish rates, charges, or conditions of service not contained in its tariff? Yes No N/A

If yes has the utility filed, the special contracts with the PSC?

Yes No N/A

807 KAR 5:066

(Water)

Section 2: Information Available to Customers:

Does the utility provide the information listed below to any customer upon request?

A description in writing of chemical constituents and bacteriological standards of the treated water as required by the Division of Water Yes No N/A

Schedule of rates for water service Yes No N/A

Method of reading meters Yes No N/A

Kentucky Public Service Commission

Periodic Compliance Inspection

Past readings of a customer's meter for a period of two (2) years

Yes

No

N/A

Section 3: Quality of Water

Is the utility in compliance with the Division of Water?

Yes

No

N/A

Section 4: Continuity of Service

Does the utility immediately notify the fire chief if an emergency interruption of service affects service to any public fire protection device?

Yes

No

N/A

If the utility schedules an interruption of service are all customers notified that are affected by the interruption?

Yes

No

N/A

Does the utility have standby pumps capable of providing the maximum daily pumping demand?

Yes

No

N/A

Does the utility's minimum storage capacity equal the average daily consumption?

Yes

No

N/A

Does the utility keep a record of all interruption?

Yes

No

N/A

Does the record contain the information listed below?

Cause of interruption

Yes

No

N/A

Date

Yes

No

N/A

Time

Yes

No

N/A

Duration

Yes

No

N/A

Remedy and steps taken to prevent recurrence

Yes

No

N/A

Section 5: Pressure

Does the customer's service pipe under normal conditions fall below thirty (30) psig or static pressure exceed 150 psig?

Yes

No

N/A

Does the utility have one (1) or more recording pressure gauges to make pressure surveys?

Yes

No

N/A

(Does the Utility have SCADA/Telemetry to monitor their pressures throughout system?) YES

Kentucky Public Service Commission

Periodic Compliance Inspection

Is the utility maintaining one (1) or more of these recording pressure gauges at some representative point on the utility's mains at a minimum of one (1) week per month in continuous service?

Yes No N/A

Is the utility, at least once annually, making a survey of pressures in its distribution system?

Yes No N/A

Section 6: Water Supply Measurement

Has the utility installed a measuring device at each source of supply?

Yes No N/A

Section 7: Standards of Construction

Is the utility failing to operate its facilities so as to provide adequate and safe service to its customers due to water loss exceeding 15 percent?

Yes No N/A

Water Loss: 16.9 (2024)

Section 8: Distribution Mains

Are dead ends provided with a hydrant, flushing hydrant, or blowoff for flushing purpose?

Yes No N/A

Section 9: Service Lines

Does the utility inspect the customer's service line? Yes No N/A

Does the utility substitute its inspection for the proof of an inspection done by the appropriate state or local plumbing inspector?

Yes No N/A

Section 13: Measurement of Service

Does the utility meter all water sold? Yes No N/A

Does the utility have any flat water rates? Yes No N/A

Has the utility adopted a standard method of installing meters and service lines?

Yes No N/A

Section 15: Accuracy requirement of Water Meters

Are all new meters, and any meter removed from service for any cause tested for accuracy prior to being placed into service?

Yes No N/A

Do the meters tested register within the accuracy limits specified in 807 KAR 5:066, Section 15 (2)(a)?

Yes No N/A

Kentucky Public Service Commission

Periodic Compliance Inspection

Section 16: Periodic Tests

Is the utility testing all water meters so that no meter remains in service without testing for a period longer than specified by the table in 807 KAR, Section 16 (1)? Yes No N/A

How many meters are out of compliance? 0

Section 17: Water Shortage Response Plan

Has the utility submitted a copy of its Water Shortage Response Plan with the Commission?

Yes No N/A

Section 18: Deviations from Administrative Regulation:

Has the utility been permitted by the commission to deviate from these administrative regulations?

Yes No N/A

807 KAR 5:095 (Fire Protection Service for Water Utilities)

Section 9

Does the utility allow a utility to withdraw water from its distribution system for fire protection and training purposes at no charge? Yes No N/A

Does the utility require a fire department to submit quarterly reports demonstrating its water usage?

Yes No N/A

Does the utility's tariff state the penalty to be assessed for failure to submit water usage reports?

Yes No N/A

Kentucky Public Service Commission

Periodic Compliance Inspection

What is the Fire Departments Usage on Annual Report? 12,805,000 GALLONS

What is the Flushing Usage on Annual Report? 33,504,000 GALLONS

List of Cases currently at Commission. CASE NO. 2025-00329 TRANSFER OF WAX WTP FROM EDMONSON COUNTY WATER DISTRICT

Last rate case? CASE NO. 2023-00088 GENERAL RATES

How is the district notified of line locates? 811

Kentucky Public Service Commission

Periodic Compliance Inspection

Review of Facilities:

WATER TREATMENT PLANT

Total Storage Capacity: 6,245,000 GALLONS

Total Daily Consumption: 4,561,252 GALLONS

Kentucky Public Service Commission

Periodic Compliance Inspection

Deficiencies

WATER LOSS 16.9 PERCENT (2024)

Additional Inspector Comments

ADDED WAX WATER TREATMENT PLANT FROM EDMONSON COUNTY WATER DISTRICT

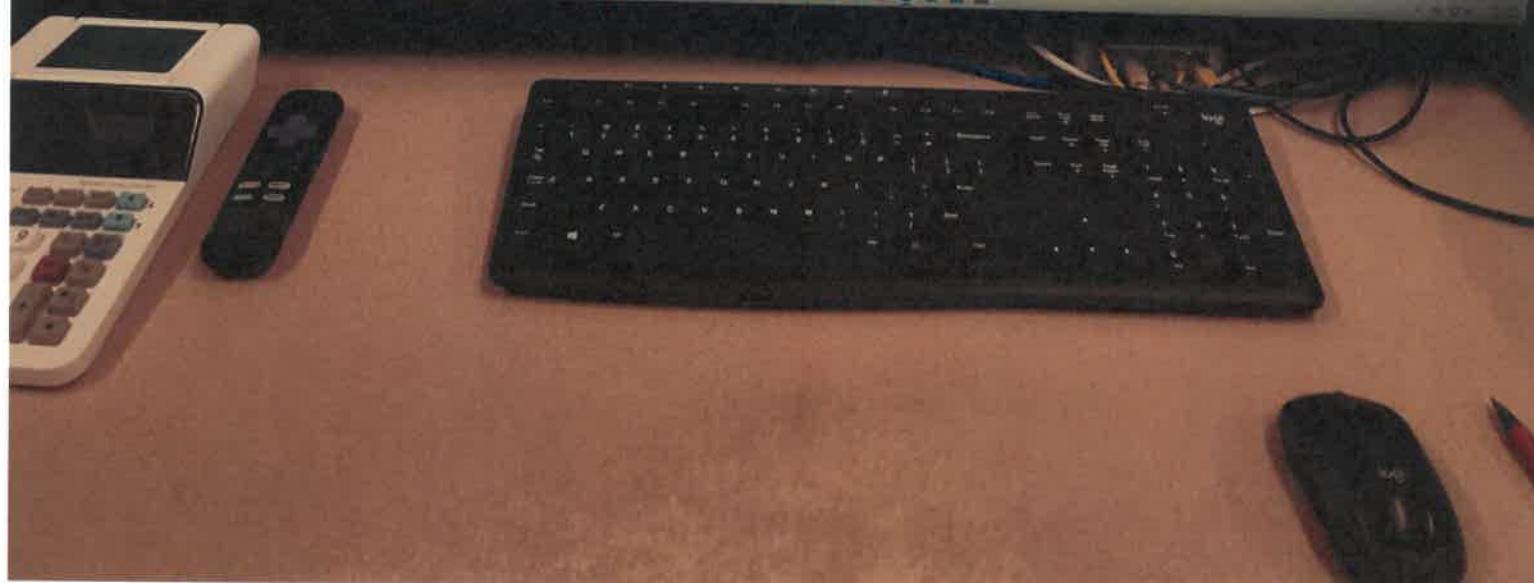
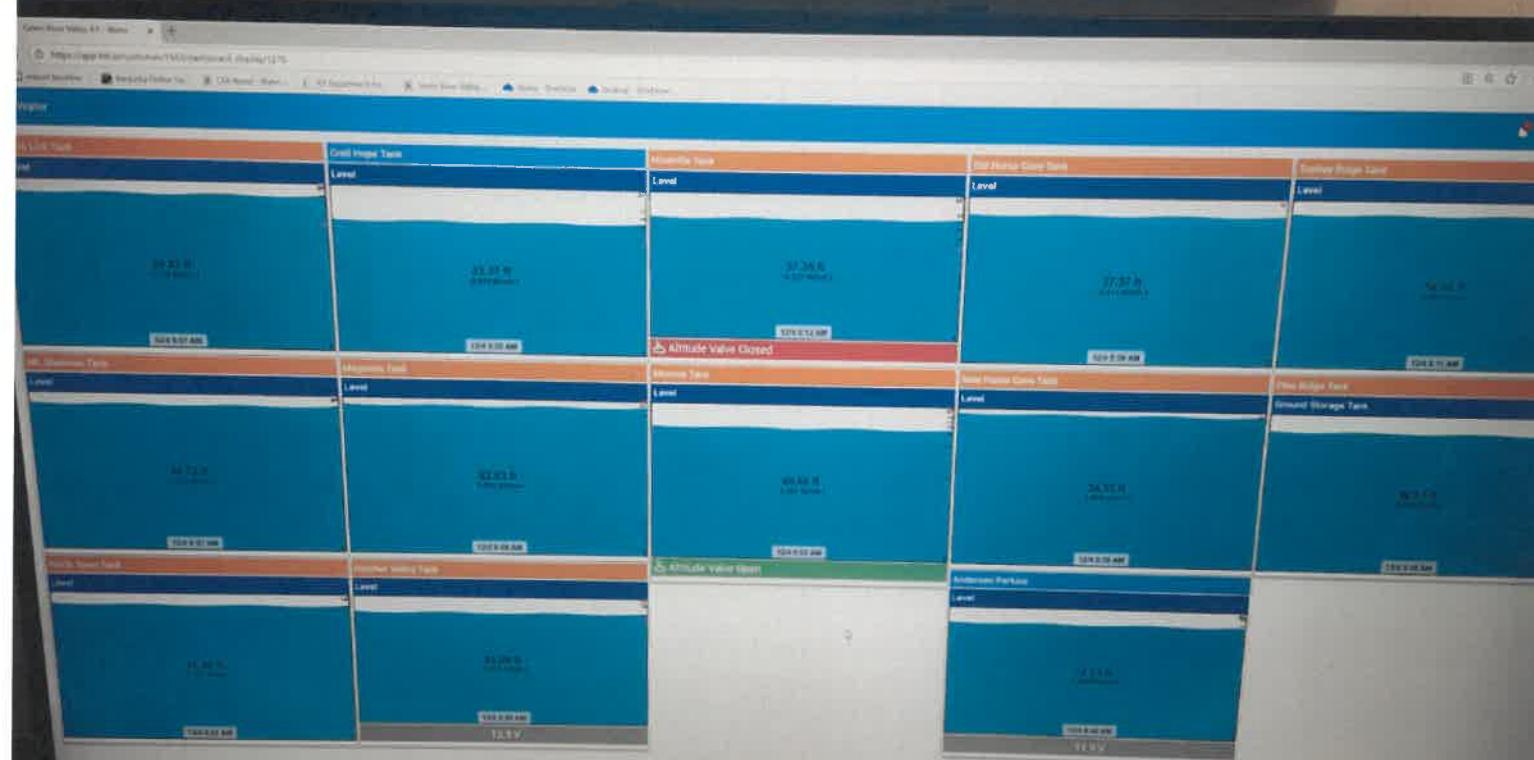
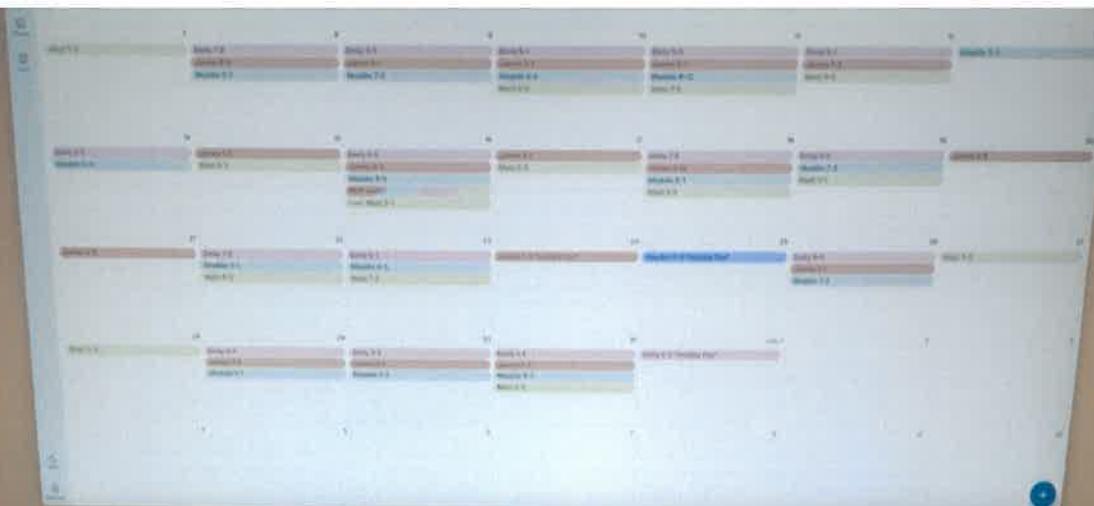
Comment: During this periodic regulatory compliance inspection, it was not possible to review/discuss every record relating to all Commission requirements. Therefore, in some instances the results contained in this report are indicative of those items inspected and reviewed on a sample basis.

Report by:

Date: DECEMBER 11, 2025

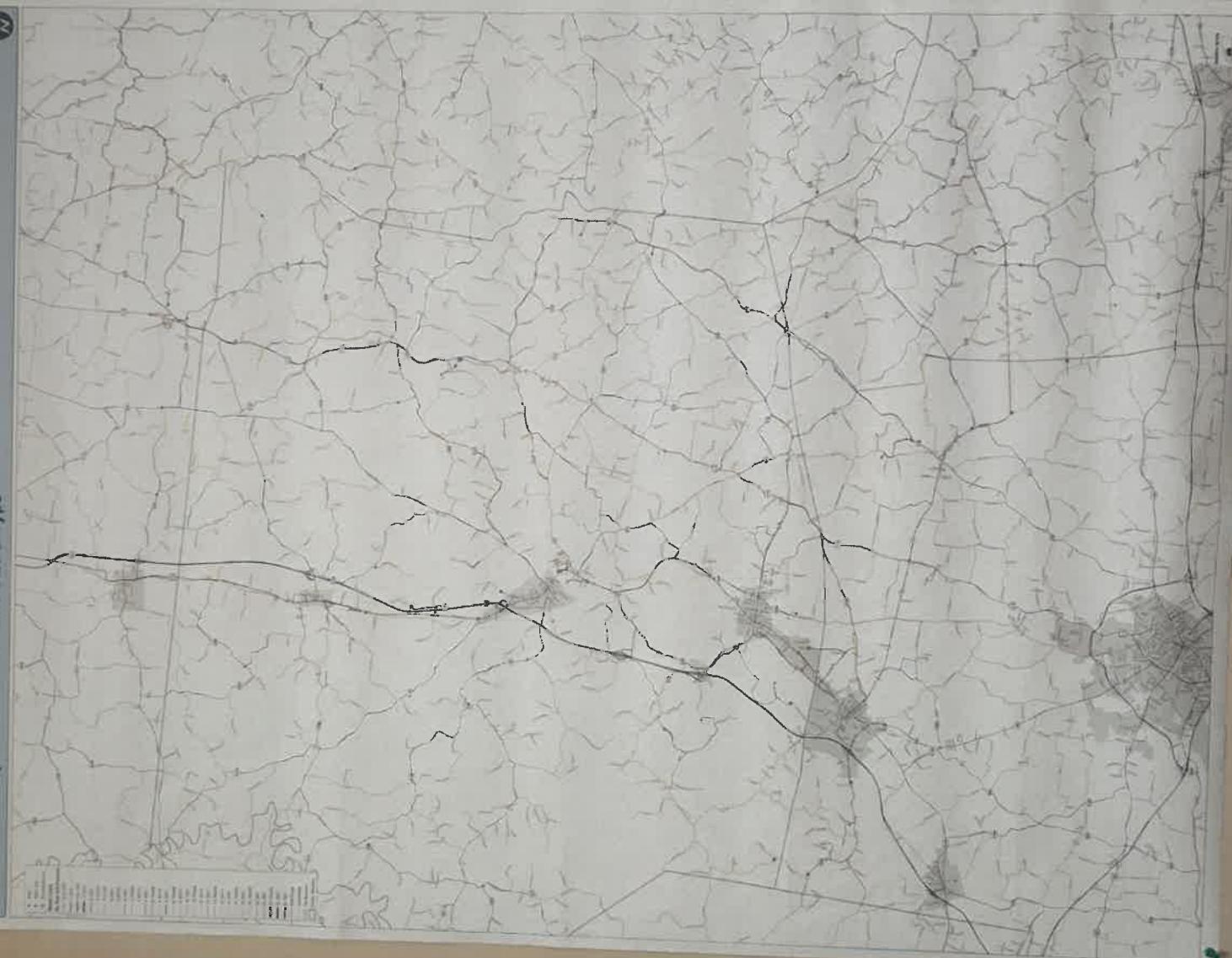


Attachment(s):



Green River Valley Water District - Line Size & Type

12



Green River Valley Water District

CURRENT BOARD OF COMMISSIONERS

John Bunnell

Regional VP Of Peoples Bank

Began Serving 2009

Term Expires February 2029

14 Years Of Service

Debbie Fowler

Retired Teacher/Principal/Assistant Superintendent Of Hart County Schools

Began Serving 2021

Term Expires March 2026

2 Years Of Service

Leland Glass

Business Owner/Farmer

Began Serving 2014

Term Expires March 2026

9 Years Of Service

Adrian Gossett

Retired Assistant Manager Of Green River Valley Water District

Began Serving 2021

Term Expires March 2027

2 Years Of Service

Pat Tucker

Business Owner

Began Serving 2006

Term Expires February 2027

17 Years of Service

Green River Valley Water District
(NAME OF UTILITY)

AREA Barren, Green, Hart, Larue
and Metcalfe Counties, Kentucky
PSC KY NO. 1
4th Revised SHEET NO. 4
CANCELLING PSC KY NO. 1
3rd Revised SHEET NO. 4

A. Monthly Rates

5/8 x 3/4 Meter

First 2,000 Gallons	\$ 25.71 Minimum Bill	(I)
Next 8,000 Gallons	0.00691 Per Gallon	(I)
Next 20,000 Gallons	0.00589 Per Gallon	(I)
Over 30,000 Gallons	0.00489 Per Gallon	(I)

1-Inch Meter

First 5,000 Gallons	\$ 46.42 Minimum Bill	(I)
Next 5,000 Gallons	0.00691 Per Gallon	(I)
Next 20,000 Gallons	0.00589 Per Gallon	(I)
Over 30,000 Gallons	0.00489 Per Gallon	(I)

1.5-Inch Meter

First 10,000 Gallons	\$ 80.99 Minimum Bill	(I)
Next 20,000 Gallons	0.00589 Per Gallon	(I)
Over 30,000 Gallons	0.00489 Per Gallon	(I)

2 Inch Meter

First 15,000 Gallons	\$ 110.42 Minimum Bill	(I)
Next 15,000 Gallons	0.00589 Per Gallon	(I)
Over 30,000 Gallons	0.00489 Per Gallon	(I)

Wholesale Rate

\$ 0.00301 Per Gallon	(I)
-----------------------	-----

DATE OF ISSUE January 12, 2024
MONTH / DATE / YEAR

DATE EFFECTIVE October 30, 2023
MONTH / DATE / YEAR

ISSUED BY /s/ Andrew Tucker
SIGNATURE OF OFFICER

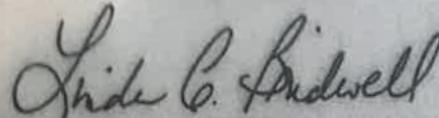
TITLE General Manager

BY AUTHORITY OF ORDERS OF THE PUBLIC SERVICE COMMISSION

IN CASE NO 2023-00088 DATED 10/23/2023 and 12/04/2023

KENTUCKY
PUBLIC SERVICE COMMISSION

Linda C. Bridwell
Executive Director



EFFECTIVE

10/30/2023

PURSUANT TO 807 KAR 5.011 SECTION 9 (1)























GREEN RIVER VALLEY WATER DISTRICT

1180 East Main Street
P.O. Box 460
Horse Cave, KY 42749
(270) 786-2134
Fax (270) 786-5261
TTY1-800-773-2135

DISTRICT COMMISSIONERS
John Bunnell, Chairman
Leland Glass
Pat Tucker
Adrian Gossett, Secretary
Pat Ross, Attorney
Debbie Fowler

Andrew Tucker, General Manager

January 7, 2026

Brandon Bruner
Kentucky Public Service Commission
Division of Inspections

Dear Mr. Bruner:

This letter is in response to your letter dated December 11, 2025, seeking an explanation for Green River Valley Water District's water loss of 16.9% in 2024. As the General Manager I am responsible for managing the water loss for the Green River Valley Water District. As noted on last year's PSC annual report, the district's water loss was close to 17%. We as a whole have worked on many levels to try and reduce the water loss within the district. I believe that a significant amount of the District's reported water loss is due to a problem we experienced with a master meter at our water treatment plant. I noticed my monthly water report for February 2025 into March 2025 showed that our water pumped from the plant vs the water sold to our wholesale and residential customers was very far apart. Our water loss quickly jumped up to over 20%. My staff and I quickly started investigating the issue. We found that the finished water master meter at our treatment plant was damaged. We believe the damage may have been caused by the flooding we had at the beginning of the year, but it could have been damaged before that, which would have impacted our 2024 water loss numbers as well. Not only was the meter damaged once but, when we repaired the meter controls we experienced a second flood which damaged the meter controls beyond repair. Due to the extensive flooding our county issued a state of emergency. We were able to apply through FEMA to replace the meter that was damaged. We knew the meter was totaling on the high side anywhere from 8-10 million gallons a month. Due to delays in the shipping from overseas and tariffs being in place, our meter was delayed through the summer of 2025. Once the meter came in, we worked quickly to replace it though shutting our plant down to replace it took some planning and time. Once we replaced the meter, we instantly noticed a 300 gallon per minute slowdown with the VFD pump rate we were used to. This has caused our water loss to show a great deal higher than last year. I am writing to ask what options we have for reporting this situation. We acted as quickly as we could and I don't want this inaccurate meter issue to reflect poorly on Green River Valley Water District. We take protecting our infrastructure very seriously and work to repair leaks as quickly as possible. I

believe the problem with the damaged master meter has caused our water loss numbers to become artificially inflated.

I look forward to hearing from you

Thank you,

A handwritten signature in black ink, appearing to read "Andrew Tucker".

Andrew Tucker
General Manager
Green River Valley Water District

GREEN RIVER VALLEY WATER DISTRICT
Case No. 2025-00329
Response to Commission Staff's First Request for Information

Question No. 1-3

Responding Witness: John Bunnell, Chairman, Board of Commissioners

Q 1-3. **Provide the anticipated journal entries by Uniform System of Accounts (USoA) Account Numbers to record the purchasing transactions.**

A 1-3. As stated in the Joint Application, the estimated final purchase price of Edmonson's Hart County System and the Wax WTP is **\$4,609,800.**¹ The book value of the assets being acquired is **\$3,766,369.**² The difference between the book value of the assets and the estimated final purchase price is **\$843,431**, or approximately 22.39 percent. Green River Valley District has allocated the \$843,431 difference among the various assets being acquired. The book value of each asset was multiplied by 1.2239 and rounded to the nearest dollar to arrive at the "Allocated Purchase Price" which will be recorded as a debit in the journal entries. The book value and Allocated Purchase Price for each asset appears below.

¹ Joint Application at 13 & 14 and Exhibit 10. Because Edmonson District will continue making payments on the Outstanding RD Water Bonds and the RWFA Loans until closing, the final purchase price shall be determined as of the date of Closing in accordance with the terms of the Agreement.

² See Joint Application, Exhibit 17.

Assets Being Acquired

Account Number	Asset Description	Book Value	Allocated Purchase Price
303-3900	Edmonson Land & Land Rights	\$ 485,911	\$ 594,725
304-3900	Edmonson Structures & Improvements	597,511	731,316
306-3900	Edmonson Lake, River & Other Intakes	85,634	104,810
311-3900	Edmonson Pumping Equipment	192,035	235,039
320-3900	Edmonson Water Treatment Equipment	339,647	415,707
330-3900	Edm. Distribution Reservoirs & Standpipes	211,283	258,597
331-3900	Edm. Transmission & Distribution Mains	1,247,244	1,526,549
333-3900	Edmonson Services	124,272	152,101
334-3900	Edmonson Meters & Meter Installation	462,285	565,808
335-3900	Edmonson Hydrants	20,547	25,148
	Total	\$3,766,369	\$4,609,800

The requested journal entries to record the purchase transactions are provided below.

Journal Entry
Purchase of Edmonson County Water District Assets

Account Number	Account Description	Debit	Credit
303-3900	Edmonson Land & Land Rights	594,725	
304-3900	Edmonson Structures & Improvements	731,316	
306-3900	Edmonson Lake, River & Other Intakes	104,810	
311-3900	Edmonson Pumping Equipment	235,039	
320-3900	Edmonson Water Treatment Equipment	415,707	
330-3900	Edm. Distribution Reservoirs & Standpipes	258,597	
331-3900	Edm. Transmission & Distribution Mains	1,526,549	
333-3900	Edmonson Services	152,101	
334-3900	Edmonson Meters & Meter Installation	565,808	
335-3900	Edmonson Hydrants	25,148	
226-3900	Edmonson RD Bonds		4,355,500
131-4600	Edmonson Cash in Bank*		254,300
	Total	\$4,609,800	\$4,609,800

*The estimated amount of cash Green River Valley will owe Edmonson District at closing.

GREEN RIVER VALLEY WATER DISTRICT
Case No. 2025-00329
Response to Commission Staff's First Request for Information

Question No. 1-4

Responding Witness: John Bunnell, Chairman, Board of Commissioners

Q 1-4. **Provide the anticipated journal entries by USoA Account Numbers to record the acquisition of assets and associated depreciation impacts.**

A 1-4. The requested journal entries appear on the following page.

Journal Entries
Acquisition and Depreciation

USoA Account Number	Account Description	Debit	Credit	NARUC Life Range In Years	NARUC Mid- Point	Annual Depreciation Expense
303-3900	Edmonson Land & Land Rights	594,725		N/A	N/A	N/A
304-3900	Edmonson Structures & Improvements	731,316		35-40	37.5	\$19,502
306-3900	Edmonson Lake, River & Other Intakes	104,810		35-45	40	2,620
311-3900	Edmonson Pumping Equipment	235,039		20	20	11,752
320-3900	Edmonson Water Treatment Equipment	415,707		20-35	27.5	15,117
330-3900	Edm. Distribution Reservoirs & Standpipes	258,597		30-60	45	5,747
331-3900	Edm. Transmission & Distribution Mains	1,526,549		50-75	62.5	24,425
333-3900	Edmonson Services	152,101		30-50	40	3,803
334-3900	Edmonson Meters & Meter Installation	565,808		35-45	40	14,145
335-3900	Edmonson Hydrants	25,148		40-60	50	503
226-3900	Edmonson RD Bonds		4,355,500			
131-4600	Edmonson Cash in Bank*		254,300			
	Total:	\$4,609,800	\$4,609,800	Total Annual Depreciation		\$97,614

GREEN RIVER VALLEY WATER DISTRICT
Case No. 2025-00329
Response to Commission Staff's First Request for Information

Question No. 1-5

Responding Witness: John Bunnell, Chairman, Board of Commissioners

Q 1-5. **Refer to the Application, pages 21 and 22, paragraph 52. Explain whether Green River Valley District will seek to replace the one employee from the Wax WTP who has found employment elsewhere. If so, explain how that will impact the monthly payroll expense.**

A 1-5. The Wax WTP employee who found employment elsewhere had already been replaced at the time the Joint Application was filed.

The actual payroll expenses associated with operating the Wax WTP and the Hart County System for the months of July 2025 through December 2025 are presented in Green River Valley District's response to item 6 below. The anticipated amount of monthly Salaries and Wages expense associated with the operation of the Wax WTP and the Hart County System is **\$27,632**, or an annual estimated total of **\$331,584**.

GREEN RIVER VALLEY WATER DISTRICT
Case No. 2025-00329
Response to Commission Staff's First Request for Information

Question No. 1-6

Responding Witnesses: John Bunnell, Chairman, Board of Commissioners

Q 1-6. Provide a breakdown of the revenue requirement impact of the acquisition including the following items.

- a. Net operating revenue increase or decrease by expense component;**
- b. Net operating expense increase or decrease by expense component;**
- c. Annual depreciation, including calculations, for each component for which there are different depreciation lives;**
- d. Annual debt service for each component;**
- e. Twenty percent working capital on debt service amounts in Item 6(d); and**
- f. Total of all items above.**

Overview

As shown in the responses below, the proposed acquisition of Edmonson District's Hart County System and the Wax WTP by Green River Valley District is estimated to have a positive revenue requirement impact of approximately **\$334,000**.

A 1-6a. Green River Valley District interprets this question to be seeking the anticipated net operating revenue increase or decrease by *revenue* component. The revenue from actual retail sales to Hart County System customers and actual wholesale sales to Grayson District for the five (5) full months Green River Valley District has been receiving the revenue from operating the Hart County System and the Wax WTP, rounded to the nearest dollar, are presented below.

	Wholesale Monthly Sales	Retail Monthly Sales
August	\$ 27,572	\$ 106,166
September	20,247	88,158
October	17,042	87,815
November	15,598	81,278
December	21,671	76,806
Total	102,130	440,223
Monthly Average	20,426	88,045

This results in an anticipated revenue increase as shown:

Anticipated Annual Increase in Revenue

Wholesale Sales \$ 245,112

Retail Sales \$1,056,540

Total \$1,301,652

Green River Valley District expects an increase in annual revenue of approximately **\$1,301,652**. Of this total \$245,112 is due to an increase

in wholesale sales.¹ The remaining \$1,056,540 is due to an increase in revenue from retail sales.²

A 1-6b. The actual expenses of operating the Hart County System and the Wax WTP since July 2025, rounded to the nearest dollar, are presented in the table below.

Month	USoA Account No. 601 Employee Salaries & Wages	USoA Account No. 604 Employee Pension & Benefits	USoA Account No. 615 Purchased Power	USoA Account No. 618 Chemicals	USoA Account No. 620 Materials & Supplies	USoA Account No. 675 Miscellaneous Expense
July	\$ 24,692	\$ 2,080	\$ 2,936	\$ 0	\$ 1,839	
August	31,077	2,080	7,347	0	2,240	
September	22,088	2,080	7,325	12,692	2,232	
October	31,069	2,080	6,242	8,120	3,500	
November	26,081	2,080	6,404	9,907	1,712	
December	30,786	2,080	7,570	7,735	1,500	
Total	\$ 165,793	\$ 12,480	\$ 37,824	\$ 38,454	\$ 13,023	\$ 1,447
Monthly Average	\$ 27,632	\$ 2,080	\$ 6,304	\$ 6,409	\$ 2,171	\$ 241

Green River Valley District has calculated its anticipated annual operating expenses for the Hart County System and the Wax WTP using the monthly average amounts shown above, multiplied by 12.

¹ \$20,426 average monthly increase in wholesale sales x 12 months = \$245,112

² \$88,045 average monthly increase in retail sales x 12 months = \$1,056,540

Anticipated Annual Operating Expenses

	USoA Account No. 601	USoA Account No. 604	USoA Account No. 615	USoA Account No. 618	USoA Account No. 620	USoA Account No. 675
	Employee Salaries & Wages	Employee Pension & Benefits	Purchased Power	Chemicals	Materials & Supplies	Miscellaneous Expense
Anticipated Annual Expense	\$ 331,584	\$ 24,960	\$ 75,648	\$ 76,908	\$ 26,052	\$ 2,892
Total Anticipated Annual Operating Expenses						\$ 538,044

A1-6c. The requested information is presented in the table below.

USoA Account Number	Account Description	Allocated Purchase Price	NARUC Mid-Point	Annual Depreciation Expense
303-3900	Edmonson Land & Land Rights	\$ 594,725	N/A	N/A
304-3900	Edmonson Structures & Improvements	731,316	37.5 $731,316 \div 37.5$	\$19,502
306-3900	Edmonson Lake, River & Other Intakes	104,810	40 $104,810 \div 40$	2,620
311-3900	Edmonson Pumping Equipment	235,039	20 $235,039 \div 20$	11,752
320-3900	Edmonson Water Treatment Equipment	415,707	27.5 $415,707 \div 27.5$	15,117
330-3900	Edm. Distribution Reservoirs & Standpipes	258,597	45 $258,597 \div 45$	5,747
331-3900	Edm. Transmission & Distribution Mains	1,526,549	62.5 $1,526,549 \div 62.5$	24,425
333-3900	Edmonson Services	152,101	40 $152,101 \div 40$	3,803
334-3900	Edmonson Meters & Meter Installation	565,808	40 $565,808 \div 40$	14,145
335-3900	Edmonson Hydrants	25,148	50 $25,148 \div 50$	503
	Total:		Total Annual Depreciation	\$97,614

A1-6d. The five (5) RD Bonds that Green River Valley District proposes to assume from Edmonson District are presented in **Exhibit 9 to the Application**. The average Annual debt service on these RD Bonds is **\$276,806**. The assumption of these RD bonds is the only debt associated with the proposed transfer.

Average Annual Principal Payment: \$175,000

Average Annual Interest Payment: \$101,806

Total Average Annual Debt Service: **\$276,806**

A1-6e. Twenty percent working capital on the five RD bonds that Green River Valley proposes to assume is **\$55,361**.

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A1-6f. The total impact on the revenue requirement is presented in the table below.

Revenue Requirement Element	Expense Amount	Revenue Amount
Anticipated Revenue		
From Wholesale Sales		\$ 245,112
From Retail Sales		\$ 1,056,540
Total Revenue Increase		\$ 1,301,652
Anticipated Expenses		
Operating Expense	\$ 538,044	
Depreciation Expense	97,614	
Annual Debt Service	276,806	
Additional Working Capital	55,361	
Total Increase to Revenue Requirement (Increased Expenses)	\$ 967,825	
Calculation of Overall Impact:		
Total Revenue Increase	\$1,301,652	
Minus Increased Expenses	- <u>967,825</u>	
Total Excess Revenue	\$ 333,827	