

I. Contact Information

Please provide information for the person to whom correspondence or communications concerning this application should be directed:

Name: Monte Stalls Title: System Operator

Address: 351 Almo Rd

City: Almo State: KY Zip Code: 42020

Telephone Number: (270) 753-9101

II. Filing Requirements

Please submit an original and seven (7) copies of the completed application to:

Kentucky Public Service Commission

Executive Director's Office

211 Sower Boulevard

Frankfort, Kentucky 40602

Telephone: (502) 564-3940

All correspondence and responses to supplemental information requests should be sent to the above address as well.

Copies of this form may be obtained by visiting the Kentucky Public Service Commission website at <http://psc.ky.gov> and clicking on the Forms bullet in the Quick Reference, or by contacting George Wakim, Branch Manager, Water & Sewer Branch, at (502) 564-3940.

KENTUCKY PUBLIC SERVICE COMMISSION

Water Storage Requirement Deviation Request Application

807 KAR 5:066, Section 4(4): Storage. *The minimum storage capacity for systems shall be equal to the average daily consumption.*

This form is intended to assist water utilities seeking a deviation from the requirements of 807 KAR 5:066, Section 4(4) and for permission to either maintain less water storage capacity than the average daily consumption or to obtain additional time to attain minimum storage capacity equal to the average daily consumption.

To request a deviation from the requirements of 807 KAR 5:066, Section 4(4), please complete the following application in full.

Utility: Dexter Almo Heights Water District

Address: 351 Almo Rd

City: Almo State: KY Zip Code: 42020

Telephone Number: (270) 753-9101 Number of Customers: 901

County or Counties served: Calloway Marshall

Are you requesting a deviation:

To maintain less water storage capacity than the average daily consumption?

For additional time to attain minimum storage capacity equal to the average daily consumption?

III. Questionnaire:

Please answer all questions completely, attach additional sheets as necessary.

1. Provide the average daily water consumption. This should include all water sold, utility water usage, and unaccounted-for-water. following information:

Average Daily Consumption: 137,000 gallons

2. Please provide the following information:

Total number of water storage tanks in the system: 0

<u>Type of Storage Tank</u>	<u>Capacity</u>
N/A	

3. Please provide a list of all large customers purchasing more than five (5) percent of the utility's average daily consumption. Also indicate which, if any, of these customers can sustain an interruption during emergencies.

<u>Customer</u>	<u>Daily Usage</u>	<u>Storage Facility</u>	<u>Capacity</u>	<u>Interruption</u>
N/A		() Yes () No		() Yes () No
		() Yes () No		() Yes () No
		() Yes () No		() Yes () No
		() Yes () No		() Yes () No
		() Yes () No		() Yes () No
		() Yes () No		() Yes () No

4. Please provide a list of all critical healthcare facilities served by the system.

<u>Facility</u>	<u>Daily Usage</u>	<u>Storage Facility</u>	<u>Capacity</u>
N/A		() Yes () No	
		() Yes () No	
		() Yes () No	
		() Yes () No	
		() Yes () No	
		() Yes () No	

5. Please provide the following information:

Does the utility:

Produce water? () Yes () No Purchase water? (X) Yes () No

If the utility purchases water, please provide the following information:

<u>Supplier</u>	<u>Average Amount Purchased</u>
Murray Water System	137,000 gallons

6. If a supplier has storage capacity or reserves storage capacity for the benefit of your utility, please provide the following information:

<u>Supplier</u>	<u>Capacity</u>	<u>Proximity to Master Meter</u>
Murray Water System	500,000	1,000 L.F.

7. Will your supplier issue your utility a letter of this additional storage capacity specifying whether they can sustain any of your system's interruptions to ensure you adequate continuity of service? Yes () No

If yes, provide a copy of the agreement or letter. See Exhibit A

8. Please provide a technical summary of operational deficiencies of the system that are known from experience or that are indicated by hydraulic analysis. This should include a list of outages that occurred in past years, their location, the cause and duration of any outages, customer complaints, areas of low pressure, and the availability of standby equipment, repair equipment, and contractors. See Exhibit B

9. Please provide information on the growth potential for the system. This should include the number of new customers added per year and the possibility of extensive development (i.e. new subdivisions, businesses, etc.)

In the last 3 years that system has added approx. 61 new customers. In 2022 the district added approx. 22 new customers, in 2023 the district added approx. 19 new customers, in 2024 the district added approx. 39 new customers. The district currently has an active customer count of approx. 900 customers. The district at this time has no plans to extend service to unserved areas and will be using funds available to enhance the current distribution system with line extensions to loop in areas within the current system to enhance service and reliability to current customers.

10. Please describe any planning, to date, to bring the system into compliance with Commission regulations. This should include efforts to secure financing for the construction of additional storage facilities, as well as the estimated compliance date. If no planning has taken place, please explain why.

To date the system has had no planning for adding storage facilities due to the fact that there hasn't been much new customer growth or large demand added to the amount of water purchased from the City of Murray on a yearly average. The City of Murray has ensured the system that they have plenty of storage on hand not only to meet their needs but those of Dexter Almo Water as well in the foreseeable future.

IV. Signature:

I have read and completed this application, and to the best of my knowledge, all the information contained herein is true and correct.

Signed: Marta Staala

Title: System Operator

Date: 11-27-2024

Melinda A. Ernst
July 1, 2005

EXHIBIT A

Bob Rogers
Mayor



City of Murray



11/26/2024

Dexter Almo Water District
351 Almo Road
Almo, KY 42020

RE: Potable Water Availability

The City of Murray is providing this information concerning the availability of potable water supply to Dexter Almo Water District 641 North.

The City of Murray Water System has an elevated storage capacity of 2.925 million gallons of potable water and 2 million gallons of treated potable water before high service pumping. Our water treatment plant is designed to treat up to 7 million gallons per day. We currently average 3.6 MGD.

The City of Murray Water System agrees to provide potable water to the Dexter Almo Water District in sufficient quantity and pressure as it does to all of our water customers, both inside and outside the City limits, and is subject to the rules and regulations governing water supply distribution and usage under the authority of the Kentucky Division of Water.

This agreement is for a period of two (2) years from January 1, 2025 through December 31, 2026, at which time the terms of this agreement may be reviewed and extended, if agreed by both parties.

If you should need any further information in regards to this service agreement, please contact Murray Public Works and Utilities Department at 270-762-0336. Thank you for your continued support of the Murray Water System.

Sincerely,

Bob Rogers, Mayor
City of Murray, KY

TELEPHONE (270) 762-0300

500 Main St.
Murray, Kentucky 42071
FAX (270) 761-0175
Website: www.murrayky.gov

TDD (270) 753-1621



EXHIBIT B

Response to Question #8

For the past 3 years the Dexter Almo Heights Water District has had the following instances where the water service was interrupted due to line breaks and repairs made:

Year 2022:

Outage 1: This outage occurred on 1/11/2022 and was in conjunction with a new line extension being installed on Wadesboro Rd. The service was interrupted for 2 hours while repairs and a tie-in were being made. The outage affected approximately 10 customers.

Outage 2: This outage occurred 5/10/22 on Boggess Drive. This was the result of a phone contractor damaging a water line and affected 3 customers. The service was interrupted for 1 hour while repairs were made.

Outage 3: This outage occurred 6/22/22 on Boggess Drive and was another instance of a phone contractor damaging the water line and service was interrupted for 1 hour and affected 3 customers.

Outage 4: This outage occurred on 6/26/22 on Wrather Road where a main line had split, and the service was interrupted for 3 hours while repairs were made and affected 6 customers.

Outage 5: This outage occurred on 8/31/22 on Easy Street and service was interrupted for 2 hours while repairs were made and affected 4 customers. The water line had come apart at a fitting.

Outage 6: This outage occurred on 10/13/22 on Saddlebrook Lane and service was interrupted for 1 hour while repairs were being made to a small service line and affected 3 customers.

Outage 7: This outage occurred 10/12/22 on Toskana Drive and service was interrupted for 2 hours while repairs were being made on the main line break and affected 7 customers.

Year 2023:

Outage 1: This outage occurred on 3/26/23 on Cody Drive when the main line split at a creek crossing. The service was interrupted for 2 hours while repairs were made to fix the creek crossing and affected 5 customers.

Outage 2: This outage occurred on 7/20/23 on Cody Drive where the creek crossing had come apart again. Service was interrupted for 2 hours while repairs were being made and affected 5 customers.

Outage 3: This outage occurred on 8/17/23 on Cody Drive at the creek crossing to make more permanent repairs to the creek crossing and add a blow off nearby to help flush line better for air pockets and prevent any other further problems with the crossing. The outage interrupted service for 4 hours while permanent repairs and a blowoff were installed and affected 5 customers.

Outage 4: This outage occurred on 10/20/23 on Sunset Drive when contractors mowing hit a fire hydrant. The service was interrupted for 3 hours while repairs were being made and affected 40 customers.

Year 2024:

Outage 1: This outage occurred on 5/13/24 on Joseph Drive. This outage was due to a replacement of a fire hydrant that was leaking, and the service was interrupted for 2 hours and affected 30 customers.

Outage 2: This outage occurred on 8/18/24 on Walnut Street. Due to a service line break. The service was interrupted for 3 hours while repairs were made and affected 40 customers while repairs were being made on the service.

The Dexter Almo Heights Water District had a hydraulic study on the system in 2024 and the results from the study showed areas of concern in 4 locations where lines could be installed to close in loops for the distribution system. The district has funding in place to install these extensions to help improve flow, pressure, and minimize the number of customers affected by service interruptions by having more redundancy in the distribution system. The district also has an excavator on hand and a well-stocked inventory to provide quick response to any service interruption they may have and also has assistance with the Murray Water System to provide material or assistance when needed.