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# BUTCHER, BOWLING & DIXON

PUBLIC SERVICE  
COMMISSION

ATTORNEYS AT LAW

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October 25, 2018

Kentucky Public Service Commission  
Executive Director's Office  
211 Sower Boulevard  
Frankfort, Kentucky 40602

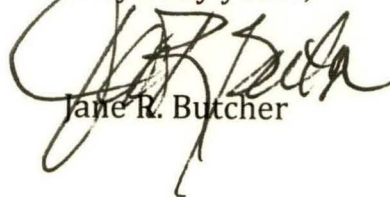
RE: **Water Storage Requirement Deviation Request Application**  
Whitley County Water District No. 1

Dear Sirs:

Attached hereto is an original and seven (7) copies of a Water Storage Requirement Deviation Request Application from the Whitley County Water District No. 1, Williamsburg, Kentucky.

If you should have any questions or need additional information, please contact the District's Field Manager, Albert Mahan as shown on page 2 of the application, or the District's engineer Ken Taylor with Kenvirons, Inc. at 502-695-4357.

Very truly yours,



Jane R. Butcher

cc: Albert Mahan, WCWD  
Ken Taylor, Kenvirons

Attachment  
JRB/hlc.

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## 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: Whitley County Water District No. 1

Address: 19 South Highway 25 W

City: Williamsburg State: Kentucky Zip Code: 40769-1601

Telephone Number: 606-549-3600 Number of Customers: 3,650

County or Counties served: Whitley Knox

McCreary

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?

I. Contact Information

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

Name: Albert Mahan Title: Field Manager

Address: Whitley County Water District, 19 South Highway 25 W

City: Williamsburg State: Kentucky Zip Code: 40769-1601

Telephone Number: 606-549-3600

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.

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: 653,773 gallons

2. Please provide the following information:

Total number of water storage tanks in the system: 4

<u>Type of Storage Tank</u>	<u>Capacity</u>
Standpipe – Emlyn	188,000 gallons
Ground – Alsile Road	100,000 gallons
Ground – Wolfe Creek	105,000 gallons
Elevated – 92 E	200,000 gallons
Total	593,000 gallons

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>
None		( ) 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>
None		( ) Yes ( ) No	
		( ) Yes ( ) No	
		( ) Yes ( ) No	
		( ) Yes ( ) No	
		( ) Yes ( ) No	
		( ) Yes ( ) No	

5. Please provide the following information:

Does the utility:

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

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

<u>Supplier</u>	<u>Average Amount Purchased</u>
City Utilities Commission (Corbin)	244,000 gpd
City of Williamsburg	255,000 gpd
City of Jellico	134,000 gpd
McCreary County Water District	21,000 gpd
<b>Total</b>	<b>654,000 gpd</b>

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>
City Utilities Commission	245,000	3.25 miles

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. Attached

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.

Hydraulically and service wise the system does not have any operational deficiencies at this time. However, the system has been plagued with unacceptably high water loss due to many old lines and services that were

not installed properly. The District has aggressively attacked this problem the last few years and is continuing to do so. Due to these efforts the District's average daily consumption in 2017 was down over 100,000 gallons per day from 2010.

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.)


The District is not aware of any pending or planned extensive developments or expansions. As the District continues to address its loss problems, the average daily consumption should decrease even with additional growth.

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.

The District has not planned any additional storage at this time due to the storage available from its wholesalers and Corbin City Utilities. The District has instead concentrated its resources on reducing its unaccounted for water.

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: 

Title: Chairman

Date: October 25, 2018

Melinda A. Ernst  
July 1, 2005





**Kenvirons, Inc.**

452 Versailles Road • Frankfort, KY 40601 • Phone: (502) 695-4357 • Fax: (502) 695-4363

*Civil & Environmental Engineering and Laboratory Services*

October 15, 2018

Mr. Ronald W. Herd, P.E.  
General Manager  
City Utilities Commission  
901 South Main Street  
Corbin, Kentucky 40701

RE: Whitley County Water District  
Water Storage

Dear Mr. Herd:

The Whitley County Water District is requesting that the City Utilities Commission dedicate an average day storage to its use to satisfy the Kentucky Public Service Commission. The District's records for 2017 indicate the purchase of 89,173,000 gallons for an average daily usage of approximately 245,000 gallons. For convenience I have provided an acceptance paragraph below. If acceptable please sign and return to me.

Sincerely,

Kenneth D. Taylor, P.E.  
Vice President

Acceptance: The City Utilities Commission hereby agrees to maintain 245,000 gallons of storage in its 1,000,000 gallon storage tank on the southwest side of Corbin for the use of the Whitley County Water District. Should the Commission be unable to maintain the storage for the District's use at some point in the future it will endeavor to notify the District in ample time to allow the District to construct the needed storage facilities.

Ronald W. Herd, P.E.  
City Utilities Commission

10/19/2018  
Date