

COMMONWEALTH OF KENTUCKY  
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

INVESTIGATION OF THE OPERATING )  
CAPACITY OF MARTIN COUNTY WATER ) CASE NO. 2016-00142  
DISTRICT PURSUANT TO KRS 278.280 )

COMMISSION STAFF'S SECOND REQUEST FOR INFORMATION  
TO MARTIN COUNTY WATER DISTRICT

The Martin County Water District ("Martin District"), pursuant to 807 KAR 5:001, is to file with the Commission the original and seven copies of the following information with a copy to all parties of record. The information requested herein is due no later than July 7, 2016. Responses to requests for information in shall be appropriately bound, tabbed and indexed. Each response shall include the name of the witness responsible for responding to the questions related to the information provided.

Each response shall be answered under oath or, for representatives of a public or private corporation or a partnership or association or a governmental agency, be accompanied by a signed certification of the preparer or person supervising the preparation of the response on behalf of the entity that the response is true and accurate to the best of that person's knowledge, information, and belief formed after a reasonable inquiry.

Martin District shall make timely amendment to any prior response if it obtains information which indicates that the response was incorrect when made or, though correct when made, is now incorrect in any material respect. For any request to which

Martin District fails or refuses to furnish all or part of the requested information, Martin District shall provide a written explanation of the specific grounds for its failure to completely and precisely respond.

Careful attention should be given to copied material to ensure that it is legible. When the requested information has been previously provided in this proceeding in the requested format, reference may be made to the specific location of that information in responding to this request. When filing a paper containing personal information, Martin District shall, in accordance with 807 KAR 5:001, Section 4(10), encrypt or redact the paper so that personal information cannot be read.

1. Refer to Martin District's response to Commission Staff's Initial Request for Information to Martin County Water District ("Staff's Initial Request"), Item 1. Provide a description of the category "MISC" and state the reasons for and the process associated with assigning work orders into this category.

2. Refer to Martin District's response to Staff's Initial Request, Item 1. Describe the process through which the general manager prioritizes work orders.

3. Refer to Martin District's "Project Rejuvenate," which was discussed at the May 18, 2016 Informal Conference with Commission Staff ("May 18, 2016 IC").

- a. Summarize each individual project that is an element of Project Rejuvenate. For each project, include an explanation of why the project is necessary and explain when and how Martin District plans to implement the project.

- b. State how Martin District has determined the prioritization of the Project Rejuvenate projects.

c. State whether any construction projects related to water-loss reduction are planned but not included as part of Project Rejuvenate. If so, provide a summary of each project and explain why the project is necessary, and state when and how Martin District plans to implement the project.

4. Refer to Martin District's response to Staff's Initial Request, Item 4. Explain whether and how, if applicable, off-peak metering has been effective.

5. Refer to Martin District's response to Staff's Initial Request, Item 5. Provide a summary of Martin District's in-house training.

6. Refer to Martin District's response to Staff's Initial Request, Item 5. State whether the one employee identified in training will constitute an additional operator upon certification.

7. Refer to Martin District's response Staff's Initial Request, Item 6. Provide a detailed description of Martin District's water system, including the identification of any zones used by Martin District in system operation. Include a map that, at minimum, includes the location of water mains used for transmission, storage facilities, and master meters.

8. Refer to Martin District's response to Staff's Initial Request, Item 7.

a. Discuss how Martin District uses master meters in leak detection and indicate whether Martin District believes that additional meters would be helpful in leak detection.

b. Provide a narrative that describes the Kentucky Rural Water Association's ("KRWA") assistance to Martin District in detecting leaks. Provide a copy

of any water-loss spreadsheet and other guidance or assistance material provided to Martin District by the KRWA.

c. Indicate whether the assistance provided by KRWA has changed the way that Martin District prioritizes repair and replacement of facilities. If assistance has changed, describe how.

d. Explain how Martin District utilizes flushing as part of its response to issues associated with disinfection byproducts.

e. Explain how Martin District accounts for flushing when determining water loss for its system.

9. Refer to Martin District's response to Staff's Initial Request, Item 8. Explain fully how Martin District is addressing Recommendation II-2, Step 4, from the Management Audit Action Plan other than prosecuting individuals for the use of cheater bars. Provide with the response a current disconnect report.

10. Refer to Martin District's response to Staff's Initial Request, Item 9.

a. Discuss Martin District's progress toward replacing leaking mains and services.

b. Discuss Martin District's recent leak-detection efforts, including any mapping of its system to identify parts of its system with repeated breaks.

c. If Martin District is in a position to quantify or approximate the decrease in water loss due to its recent leak-detection efforts, provide that information. If not, state when Martin District will be able to provide such quantification.

11. Refer to Martin District's response to Staff's Initial Request, Item 10. Discuss the actions necessary for Martin District's preparation of a preventive

maintenance plan for all the assets of Martin District. Include with the response a timeline containing the steps in the preparation of the plan.

12. Refer to Martin District's response to Staff's Initial Request, Item 12.
  - a. Identify the actions that Martin District can take, in view of current funding, to reduce its vulnerability to service interruptions.
  - b. Provide an update on the condition of the Crum Reservoir.
  - c. State whether Martin District believes that it should pursue a project to relocate a raw water intake. If so, explain why and fully describe the work that is necessary. If not, explain why not.
  - d. Without regard to funding, identify and discuss any additional projects that Martin District believes is necessary or advisable to reduce its vulnerability to service interruptions.
13. Refer to Martin District's response to Staff's Initial Request, Item 13. Provide a summary of Martin District's March 8, 2016 update to its Capital Improvement Plan of 2003 and provide a copy of the updated plan.
14. Refer to Martin District's response to Staff's Initial Request, Item 13. Provide a description of Martin District's in-house capital budget and construction planning.
15. Refer to Martin District's Response to Staff's Initial Request, Item 16. Provide the information when it becomes available.
16. Refer to Martin District's Response to Staff's Initial Request, Item 18.
  - a. For Work Order 140200006 (Excel Mining), explain why the meter was changed.

b. For Work Order 150300065 (Hackney), identify the problem and explain fully how the problem was resolved.

c. For Work Order 150600218 (Crum), identify the problem and explain fully how the problem was resolved.

d. For Work Order 160100171 (Davis), identify the problem and explain fully how the problem was resolved.

e. For Work Order 160200190 (Slone), identify the problem and explain fully how the problem was resolved.

17. Refer to Martin District's response to Staff's Initial Request, Item 19. Provide a detailed identification and explanation of pressure issues through Martin District's system, including any issues associated with filling tanks. For each pressure issue, discuss the steps Martin District is taking to address it.

18. Refer to Martin District's response to Staff's Initial Request, Item 20. Provide copies of each boil water advisory that Martin District has provided its customers during the period January 1, 2013, to present.

19. Refer to Martin District's response to Staff's Initial Request, Item 21. Provide a copy of all communications, for the period January 1, 2013, to present, between Martin District and the Kentucky Division of Water, including its regional offices, not previously provided.

20. Refer to Martin District's response to Staff's Initial Request, Item 22. Provide the following:

a. A description of Martin District's policies for compliance with 807 KAR 5:066, Section 5(2) regarding the recording of pressure readings.

b. A sample copy of each type of report form that Martin District has provided to each fire department.

21. Refer to Martin District's response to Staff's Initial Request, Item 24.

a. Describe in detail the ownership, management, metering, and monitoring of the Honey Branch Tank and pump station, and explain its use in providing service to the United States Penitentiary at Big Sandy, Kentucky.

b. Martin District indicated at the May 18, 2016 I.C. its intention to amend the contract with Prestonsburg concerning the Honey Branch Tank. Provide a status update of the efforts to amend the contract.



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Aaron D. Greenwell  
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Public Service Commission  
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DATED JUN 21 2016

cc: Parties of Record

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