

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

GARRISON-QUINCY-KY-O-HEIGHTS WATER)
DISTRICT REQUEST FOR A DEVIATION FROM)
THE DAILY INSPECTION OF SEWER GRINDING) CASE NO. 2017-00201
PUMP STATIONS)

COMMISSION STAFF'S FIRST REQUEST FOR INFORMATION
TO GARRISON-QUINCY-KY-O-HEIGHTS WATER DISTRICT

Garrison-Quincy-Ky-O-Heights Water District ("Garrison Quincy"), pursuant to 807 KAR 5:001, is to file with the Commission the original and ten copies of the following information, with a copy to all parties of record. The information requested herein is due within 14 days of the date of this request. Responses to requests for information 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 the 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.

Garrison Quincy 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 Garrison

Quincy fails or refuses to furnish all or part of the requested information, it 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 filling a paper containing personal information, Garrison Quincy shall, in accordance with 807 KAR 5:001, Section 4(10), encrypt or redact the paper so that personal information cannot be read.

1. State whether Garrison Quincy's wastewater facilities are a pressure system.

2. For Garrison Quincy's grinding pump stations, provide the following:

a. State whether there is a check valve or other valve assembly installed to prevent backflow for each grinding pump station in the Garrison Quincy system. If there is not a check valve or other valve assembly installed to prevent backflow at each grinding pump station, state the number of grinding pump stations that do not have a check valve or other valve assembly to prevent backflow. Further, state why a check valve or other valve assembly is not installed at these grinding pump stations.

b. State whether each grinding pump station has a collection or storage tank for holding wastewater. If there is a collection or storage tank for holding wastewater, state the capacity of the tank in gallons. If there is not a collection or storage tank for holding wastewater at each grinding pump station, state the number of grinding pump stations that do not have a collection or storage tank for holding wastewater. Further,

state why a collection or storage tank facility is not installed at these grinding pump stations.

c. State whether each grinding pump station has a sewer relief valve. If there is not a sewer relief valve at each grinding pump station, state the number of grinding pump stations that do not have a sewer relief valve. Further, state why a sewer relief valve is not installed at these grinding pump stations.

d. State whether each grinding pump station is designed to bypass water to the area surrounding the station in the event of an overflow. If there are grinding pump stations that are not designed to bypass water to the area surrounding the station in the event of an overflow, state the number of grinding pump stations that do not have the design. Further, state the design for such stations in the event of an overflow.

3. Describe what happens at a grinding pump station when the grinding pump fails.

4. State Garrison Quincy's response policy and procedures for a failure of a grinding pump station.

5. State the instructions that Garrison Quincy provided to its customers in the event of a grinding pump station failure. Provide a copy of the instructions.

6. For Garrison Quincy's wastewater system, provide the following:

- a. State the name(s) of the manufacturer(s) of the grinding pumps used by Garrison Quincy;
- b. State the model(s) of the grinding pumps used by Garrison Quincy;
- c. For each model identified in the response to sub-part b. of this request, provide the following:

1. state whether the grinding pump is a simple or duplex model;
2. describe the alarm(s) that are activated when a high water level is reached in the storage tank;
3. provide a copy of the manufacturer's technical specifications or any equipment specifications supplied with the grinding pump;
4. state the service life of the grinding pump per the manufacturer's recommendation;
5. state the manufacturer's recommended routine maintenance for the grinding pump station;
6. state the depreciable life assigned to the grinding pump; and
7. state the number of this type of grinding pump used by Garrison Quincy in its system.

7. Describe the current system inspection procedures that Garrison Quincy has in place to detect a poorly functioning or nonfunctioning grinding pump station.

8. Describe the systematic inspections that Garrison Quincy proposes to use to ensure that Garrison Quincy is inspecting its grinding pump stations as often as necessary. Include with the description the minimum inspection interval for grinding pump stations.

9. For the years 2010 to present, by year, state the number of grinding pump station failures.

10. For the years 2010 to present, by year, state the number of customer complaints regarding grinding pump stations. For each complaint, state the resolution of the complaint.

John S. Lyons

John S. Lyons
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Public Service Commission
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[Handwritten signature]
SEP 07 2017

DATED SEP 07 2017

cc: Parties of Record

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