

STATE OF NEW HAMPSHIRE  
BEFORE THE  
PUBLIC UTILITIES COMMISSION

AQUARION WATER COMPANY OF NEW HAMPSHIRE, INC.

DW 17-\_\_\_\_\_

PETITION TO CHARGE SEASONAL RATES FOR EMERGENCY  
INTERCONNECTION

DIRECT TESTIMONY OF

CARL MCMORRAN

April 13, 2017

1 **Q. Mr. McMorran, please state your name and business address.**

2 A. My name is Carl McMorran, and my business address is 7 Scott Road, Hampton,  
3 New Hampshire 03842.

4 **Q. By whom are you employed and in what capacity?**

5 A. I am the Operations Manager for Aquarion Water Company of New Hampshire,  
6 Inc. (“Aquarion” or the “Company”).

7 **Q. Please describe your educational background.**

8 A. I have a Bachelor's Degree in Biology from Bucknell University and a Master of  
9 Environmental Science Degree from Miami University. I have also taken  
10 graduate level courses in business administration, and attended (and presented at)  
11 many water works seminars and conferences.

12 **Q. Please describe your business/professional background.**

13 A. I have worked for Aquarion since November 2008. As Operations Manager, I  
14 oversee all operations, maintenance, capital improvement, and administrative  
15 activities for the Company in New Hampshire. I also serve on various Company  
16 workgroups, including supply operations and maintenance, security and lost water  
17 control. I have experience in supervising source water protection and watershed  
18 management activities, water quality laboratory, regulatory compliance, cross  
19 connection, metering, service activities, water quality assessment surveys, water  
20 pollution control, and hydropower regulation activities. I currently hold Class IV  
21 Water Treatment and Distribution licenses in both New Hampshire and Maine. I  
22 previously held a Class IV Water System license in Ohio and a Class A Water  
23 System license in Pennsylvania. I also currently serve on the Board of Directors

1 for the New Hampshire Water Works Association and the New England Chapter  
2 of the National Association of Water Companies.

3 **Q. Have you previously testified before the New Hampshire Public Utilities**  
4 **Commission (“Commission”)?**

5 A. Yes, I provided live and pre-filed testimony before the Commission in the  
6 Company’s most recent rate case Docket No. DW 12-085. I also provided pre-  
7 filed testimony in the Company’s previous Water Infrastructure and Conservation  
8 Adjustment (“WICA”) filings in Docket Nos. DW 09-211, DW 10-293, DW 11-  
9 238, DW 12-325, DW 13-314, DW 14-300, DW 15-476, and DW 16-828.

10 **Q. What is the purpose of this petition?**

11 A. The New Hampshire Department of Environmental Services’ (“NHDES”) has  
12 issued Administrative Order No. 17-006 WD directing Aquarion to make  
13 temporary and permanent interconnections with Wiggin Way Home Owners  
14 Association (“Wiggin Way”).

15 Regarding the temporary interconnection, the Company was ordered to  
16 “immediately seek PUC approval to allow the temporary connection of the Water  
17 System to its distribution system on an emergency basis.”

18 The temporary interconnection is intended to provide Wiggin Way with water  
19 service during an interim period while the details of a permanent connection are  
20 worked out.

21 **Q. Please describe where Aquarion will construct this temporary**  
22 **interconnection with Wiggin Way.**

23 A. The temporary interconnection will be located where Winterberry Lane crosses

1 the North Hampton – Stratham town line.

2 **Q. Please describe what construction is involved in establishing the temporary**  
3 **interconnection.**

4 **A.** The temporary interconnection will involve a temporary 2-inch, high density  
5 polyethylene pipe connected between an existing hydrant on Winterberry Lane in  
6 North Hampton and a blow off valve at the end of Wiggin Way’s main on  
7 Winterberry Lane in Stratham. This pipe will be about 200 feet long and include  
8 a 2-inch meter, backflow preventer, and control valve(s). The pipe will cross  
9 some grassed areas and pass through two culverts on a route that avoids hazards  
10 from traffic and other activity.

11 **Q. When does Aquarion expect to commence providing temporary water service**  
12 **to Wiggin Way?**

13 **A.** Within 3 working days of receiving PUC approval.

14 **Q. Does the proposed Wiggin Way temporary interconnection require Aquarion**  
15 **to obtain any easements?**

16 **A.** No. The temporary interconnection will lie within the road right of way on  
17 Winterberry Lane in North Hampton.

18 **Q. Will adding Wiggin Way as a customer change how Aquarion operates or**  
19 **maintains its system?**

20 **A.** No, Wiggin Way will be provided water service and be billed like any other  
21 customer.

22 **Q. Please explain the type of service and rates Aquarion proposes to charge**  
23 **Wiggin Way.**

1 A. Wiggin Way will be treated like any other seasonal customer and will be subject  
2 to the Company's relevant tariff for seasonal metered service.

3 **Q. Does Aquarion have adequate water capacity to supply the Wiggin Way**  
4 **Home Owners Association? Please explain.**

5 A. Yes. The homes in Wiggin Way collectively use only about 6,000 gallons per  
6 day. Absent the recent extreme drought conditions (which impacted all water  
7 users on the seacoast), this is not a significant increase in demand (equivalent to  
8 0.4% of current daily production). The Company is also in the process of  
9 permitting a new well that will increase its production capacity. The new well is  
10 being done to support the current and projected growth needs of the service  
11 territory. This new source is expected to be on-line in 2018.

12 Also, a large fraction of water use in homes on Wiggin Way is returned to the  
13 groundwater in the Winnicut River watershed, which ultimately replenishes the  
14 local aquifer.

15 **Q. Please describe the anticipated costs and revenues to Aquarion associated**  
16 **with the emergency interconnection to Wiggin Way.**

17 A. There will be a few hours of Aquarion staff labor involved in activating the  
18 temporary interconnection, similar to installing other seasonal meters.

19 Revenues will be derived according to the current tariff for a seasonal turn on fee,  
20 monthly volumetric, and service charges.

21 **Q. Are there other approvals Aquarion must obtain before it interconnects with**  
22 **Wiggin Way?**

23 A. No. NHDES approval for this temporary interconnection is contained in its order.

1 **Q. Is franchise approval needed to perform this temporary interconnection?**

2 **A.** No. The interconnection with Wiggin Way will occur within the Company's  
3 existing franchise.

4 **Q. Does this conclude your direct testimony?**

5 **A.** Yes.