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June 16, 2021

Via Electronic Filing

Rosemary Chiavetta, Secretary
PA Public Utility Commission
P.O. Box 3265
Harrisburg, PA 17105-3265

Re: Pittsburgh Water and Sewer Authority 2021 Rate Filing;
Docket Nos. R-2021-3024773 (water), R-2021-3024774 (wastewater);
R-2021-3024779 (stormwater)

Dear Secretary Chiavetta:

On behalf of the Pittsburgh Water and Sewer Authority ("PWSA") attached please find its **Revised Responses to Question Numbers 4 and 7 of the April 30, 2021 Questions from Commissioner Ralph V. Yanora**. PWSA's initial responses were filed on May 17, 2021. PWSA also served Supplemental Direct Testimony on June 14, 2021 which addressed these questions for the benefit of developing the record in this proceeding.

Please note that the discovery responses are available at ESCM Share File site. To receive access, please contact Deanne O'Dell (dodell@eckertseamans.com) or 717-255-3744 and provide the name and email address of the person seeking access.

Sincerely,

A handwritten signature in blue ink that reads "Deanne M. O'Dell".

Deanne M. O'Dell

DMO/lww

cc: Cert. of Service w/enc.

CERTIFICATE OF SERVICE

I hereby certify that this day I served a copy of **PWSA's Revised Responses to Commissioner Yanora's Interrogatories Set I** upon the persons listed below in the manner indicated in accordance with the requirements of 52 Pa. Code Section 1.54.

Via Email Only

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June 16, 2021

Deanne M. O'Dell, Esq.

**Response of the Pittsburgh Water and Sewer Authority (“PWSA”)
to the April 30, 2021 Questions from Commissioner Ralph V. Yanora in
Docket Nos. R-2021-3024773 (water); R-2021-3024774 (wastewater)
and R-2021-3024779 (stormwater)**

Revised Response

Request: Commissioner Yanora -I-4 The number of valves exercised in calendar year 2020 and the frequency of valve maintenance.

Revised Response: PWSA plans to dedicate two valve crews to focus on inspecting and exercising valves. These inspections, along with the daily activity of exercising valves for leaks and other scheduled activities, will allow PWSA to inspect 1/5 of our system each year. Since Jan 1, 2021 PWSA has exercised 2,620 valves; our plan moving forward is to inspect and exercise 1/5 or approx. 5200 valves each year. **In 2020, PWSA inspected 2,187 valves.**

Response Provided by: Barry King, PE, Director of Engineering
William McFaddin, Director Of Operations
The Pittsburgh Water and Sewer Authority

Dated: June 16, 2021

**Response of the Pittsburgh Water and Sewer Authority (“PWSA”)
to the April 30, 2021 Questions from Commissioner Ralph V. Yanora in
Docket Nos. R-2021-3024773 (water); R-2021-3024774 (wastewater)
and R-2021-3024779 (stormwater)**

Revised Response

Request: Commissioner Yanora -I-7 Whether PWSA has surveyed the number of fire hydrants that do not provide a minimum flow of 500 gpm at 20 psig.

Response: The 2020 Water Distribution Master Plan used the PWSA hydraulic model to assess areas of low fire flow. The distribution system mainly identified areas where a minimum flow of 1,500 gpm at 20 psig could not be met. The report concluded that increasing minimum pipe size to 8-inch would greatly improve fire flow in most areas. PWSA is currently rerunning the hydraulic model to identify specific hydrants that do not provide a minimum flow of 500 gpm at 20 psig **and determined that 374 hydrants do not provide this level of flow.**

Response Provided by: Barry King, PE, Director of Engineering
Sarah Bolenbaugh, PE, Senior Group Manager, Water Programs
The Pittsburgh Water and Sewer Authority

Dated: June 16, 2021

VERIFICATION

I, Barry King hereby state that I am Director of Engineering and Construction of The Pittsburgh Water and Sewer Authority. I hereby verify that the facts set forth in the attached discovery responses which I am sponsoring are true and correct to the best of my knowledge, information and belief. I understand that the statements herein are made subject to the penalties of 18 Pa.C .S. § 4904 (relating to unsworn falsification to authorities).

Dated June 16, 2021



Barry King, Director of Engineering and Construction
The Pittsburgh Water and Sewer Authority