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DEPARTMENT OF WATER RESOURCES

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BEFORE THE DEPARTMENT OF WATER RESOURCES OF THE STATE OF IDAHO

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IN THE MATTER OF INTEGRATED MUNICIPAL APPLICATION PACKAGE ("IMAP") OF SUEZ WATER IDAHO INC. FOR APPLICATIONS FOR TRANSFERS OF WATER RIGHTS

AFFIDAVIT OF KYLE RADEK

STATE OF IDAHO

COUNTY OF ADA

Kyle Radek, being first duly sworn upon his oath, deposes and says that:

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1. I make this affidavit based upon my own personal knowledge and belief of the

facts contained herein.

2. I am a registered professional Civil Engineer licensed to practice in the State of

Idaho.

3. I am currently the Assistant City Engineer - Water at the City of Meridian Public

Works Department.

4. My primary duties as the *Assistant City Engineer - Water* at the City of Meridian Public Works Department are the supervision and management of the planning, design and construction of the City's water supply and distribution infrastructure. My specific duties include updating and implementing strategic planning efforts such as the Water System Master Plan, long-term water supply planning, management of the City's water rights portfolio, and the City's source water protection program.

5. I have worked in my current position for approximately 11 years. During that time, I have supervised and managed the expansion of the water supply and distribution infrastructure for one of the fastest growing cities in the United States. I have supervised completion of a water master plan update, a water supply planning effort, and a water conservation plan.

6. The City of Meridian operates a municipal water system serving City residents. The City created the public drinking water system in 1911 and has continuously operated, maintained, and expanded the system since that time.

7. The City's municipal water supply system is regulated by the Idaho Rules for Public Drinking Water Systems (IDAPA 58.01.08). One of these requirements is to have a current facility plan (water master plan). The City meets this requirement by updating its water master plan every 5 to 6 years. The City is currently in the process of completing an update to its water master plan. Meridian's last iteration of a water master plan was completed in 2012.

8. Meridian's 2012 water master plan includes population and demand projections for 5, 20, and 50 years as well as a projected population at "build-out".

9. The 5 year projection is considered a regulatory requirement. It is used to identify short term facility deficiencies and corrective actions that must be accomplished as soon as possible- generally, before the next master plan update.

10. The 20 year projection is also considered a regulatory requirement. It is used to AFFIDAVIT OF KYLE RADEK - Page 2

plan needed capacity improvements including financial modeling. Property and financing must be secured to enable the construction of supply wells. Design and construction of a municipal supply well and pumping facility takes the City at least 3 years. Water main capital improvements must also be financed and planned according to where growth is predicted.

11. The 50 year projection of population and water demand is used to look at and plan for the long-term water supply needs (including water rights). Strategies and tactics to address water supply threats and ensure long-term water supply can be significant efforts. They may include financial challenges, developing complex partnerships, securing contracts, and planning new infrastructure, such as new storage facilities, large transmission mains or surface water treatment plants. These actions could take many years to coordinate, finance, and complete. Beyond the requirements of capital planning, the City needs to ensure that it has adequate water rights to supply future needs. Unlike the construction of capital facilities like pipes, pumps, and tanks, the City expects it will be more difficult to obtain water rights in the future. Therefore, to ensure service to future customers, it is important that providers in rapidly growing areas like the City of Meridian look well into the future.

12. "Build out" does not refer to a time frame, but a future condition in which the City has grown into its approved and recognized Area of Impact. The City believes that it is prudent to plan to supply water for the ultimate build-out of the City. Regardless of how long it takes, Meridian has a finite area that it will grow into and the people that live in that defined area will depend on the City for their municipal water supply. Therefore, it is the City's position that not only is 50 years an appropriate timeframe for water AFFIDAVIT OF KYLE RADEK - Page 3 supply and water rights needs, but that a much longer time frame is justified if the area of service is defined.

13. I am aware that Suez has developed a Master Water Plan for the Years 2015-2065. I am also aware that Suez has requested a 50 year planning horizon in its Integrated Municipal Application Package (IMAP) application. I am not aware of anything in the Suez Master Water Plan that is inconsistent with granting a 50 year planning horizon to Suez. I am also not aware of anything in Suez's Master Water Plan that is inconsistent with any of my statements in this affidavit regarding planning time periods.

Dated this $5^{t_{av}}$ day of April, 2018.

)ss.

STATE OF IDAHO

County of Ada

On this <u>5</u> day of April, 2018, before me, the undersigned, a notary public in and for said state, personally appeared Kyle Radek, known to me to be the individual that executed the foregoing affidavit, and acknowledged to me that he executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, the day and year in this certificate first above written



Notary Public for Meridian

Residing at <u>MIALOLAIN</u> My Commission Expires: <u>May 31,-7019</u>

AFFIDAVIT OF KYLE RADEK - Page 4

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that on this 5th day of April, 2018, the foregoing was filed, served, and copied as shown below. Service by email is authorized by the Hearing Officer's Order of September 11, 2017 at page 3.

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CERTIFICATE OF SERVICE - AFFIDAVIT OF KYLE RADEK 14149874_1 / 30-147

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