

**IN THE TENNESSEE PUBLIC UTILITY COMMISSION  
AT NASHVILLE, TENNESSEE**

**IN RE:** )  
 )  
**PETITION OF TENNESSEE** )  
**WASTEWATER SYSTEMS, INC., TO** ) **DOCKET NO. 19-00030**  
**AMEND ITS CERTIFICATE OF** )  
**CONVENIENCE AND NECESSITY** )

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**DIRECT TESTIMONY OF MATTHEW NICKS**

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**Q1. What is your name and business address?**

A. My name is Matthew Nicks and my business address is 849 Aviation Parkway, Smyrna TN, 37167.

**Q2. By whom are you employed and in what capacity?**

A. I am President of Tennessee Wastewater Systems, Inc.

**Q3. What is the purpose of your testimony in this proceeding?**

A. The purpose of my testimony is to support the petition that is filed on behalf of Tennessee Wastewater Systems, Inc. to amend its Certificate of Convenience and Necessity to include a subdivision in Robertson County called Chelsea's Way.

**Q4. Please describe the Chelsea's Way Subdivision and the public need for wastewater service.**

A. Chelsea's Way is a proposed subdivision located on Calista Road in Robertson County. The subdivision will have 117 residential lots. Neither the county nor the local utility district provides wastewater or sewerage service to the area. The developer has asked us to serve and has entered into a Letter of Understanding with the Utility to that effect.

**Q5. What type of wastewater collection and treatment system is proposed for Chelsea's Way?**

A. The collection system will be a septic tank effluent pump (STEP) system, with septic tanks and pumps at each home. The tanks discharge to collection lines that will convey the wastewater to the central treatment system which will be a Recirculating Media Filter type system. The treated effluent will be disinfected, and land applied through drip irrigation. This type of system is in the majority of systems owned and operated by TWSI.

**Q6. Will Tennessee Wastewater Systems, Inc. abide by all applicable Tennessee statutes and TPUC Rules and Orders?**

**A. Yes.**

**Q7. Does TWSI have the managerial and technical ability to operate and maintain the treatment system for Chelsea's Way?**

**A. Yes.** In 1994 the Public Service Commission (predecessor to the TPUC) granted TWSI (then called On-Site Systems, Inc.) its initial CCN. Since that time, TWSI has been granted over 100 CCNs and provides wastewater service to over 3000 customers in 23 Tennessee counties.

The treatment and collection system proposed for use at Chelsea's Way is similar to the majority of systems already owned and operated by TWSI. TWSI's system operators and maintenance personnel will be responsible for ensuring the system is maintained and operated in compliance with TDEC regulations.

In addition to the operations and maintenance personnel, TWSI will continually monitor the system through remote telemetry and the HAWKMS system. HAWKMS gives the operators the ability to remotely monitor and control their plants. Utilizing this technology not only allows TWSI to operate and maintain sites more efficiently, but also less expensively as it cuts down on the need for additional personnel, equipment, and allows the utility to optimize energy consumption based on plant conditions. Including TWSI owned systems, there are over 300 wastewater facilities using this technology.

**Q8. Does TWSI have the financial resources to provide service to Chelsea's Way?**

**A. Yes.** TWSI currently has in place a \$300,000 bond approved by the Commission. Further the utility has over 3000 customers in Tennessee which makes adding a new territory less of a financial burden to the company. The Company is also able to offset initial operations and maintenance costs through the annual access fees paid to TWSI by owners of empty lots.

**Q9. Is Tennessee Wastewater Systems, Inc. aware of the requirement of Rule 1220-4-13-.09(7) concerning the completion of the wastewater system within three years of TPUC's written approval of the CCN?**

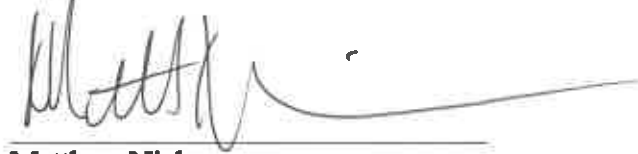
**A. Yes.**

**Q10. Does this complete your testimony?**

**A. Yes.**

**AFFIDAVIT**

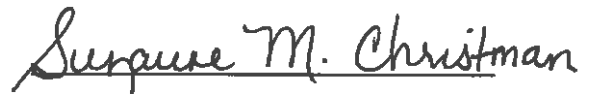
My name is Matthew Nicks and the attached direct testimony is true and correct to the best of my knowledge.



Matthew Nicks

County of Rutherford       )  
State of Tennessee       )

On this 1 day of March 2019, personally appeared before me,  
Suzanne M. Christman, a notary public, the above-named Matthew Nicks  
known to me personally who was duly sworn and on oath executed the above Affidavit.



Notary

My commission expires: 12/1/2020