

**BEFORE THE TENNESSEE REGULATORY AUTHORITY  
AT NASHVILLE, TENNESSEE**

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office

**IN RE:**

**PETITION OF TENNESSEE  
WASTEWATER SYSTEMS, INC.  
FOR APPROVAL OF CAPITAL  
IMPROVEMENT SURCHARGES  
AND FINANCING  
ARRANGEMENTS**

**DOCKET NO. 14-00136**

**DIRECT TESTIMONY OF JOSEPH FEROWICH**

**Q: State your name and address.**

A: Joseph Ferowich, 1136 N Shorewood Lane, Caryville, TN 37714.

**Q: What is your profession?**

A: I am a licensed professional engineer in the State of Tennessee.

**Q: Provide a summary of your background and professional experience.**

A: I have over 30 years of commercial and residential site development experience. I have been designing alternative sanitary sewer disposal systems for approximately 7 years. The last system I designed was for the Sunset Gap Community Church in Newport, TN, which was done last year.

**Q: On whose behalf are you testifying?**

A: Summit View Resorts Homeowners' Association.

**Q: What is the purpose of your testimony in this proceeding?**

A: My testimony was requested because of my familiarity with on-site wastewater systems and my experience in evaluating said systems. The purpose of my testimony is to provide a checklist for conducting an evaluation of on-site wastewater systems.

**Q: Have you previously worked with an on-site wastewater system like the one in Summit View?**

A: Yes.

**Q: If you were requested to evaluate an existing on-site wastewater system, what would you need to do?**

A: I would need to perform an evaluation including these items below:

1. Review the approved plans,
2. Review the State Operating Permit,
3. Review Quarterly Monitoring Reports,
4. Review files from the Tennessee Department of Environment and Conservation,
5. Review and evaluate the actual treatment flows and how they are determined,
6. Have a Tennessee Licensed Soil Scientist review existing Soil Maps with field verification,
7. Perform a field inspection for verification of the site conditions, and
8. Perform calculations to verify treatment and disposal system.

**Q: Would this be all you need to do?**

A: The evaluation may lead to additional questions and other work may be needed.

**Q: If issues are found, are you capable of putting together a recommendation for modifications?**

A: Yes. With cooperation from a Tennessee Licensed Wastewater Operator, and a Tennessee Licensed Soil Scientist many options can be considered.

**Q: Assuming the issue with the Summit View system is due to over usage, are there remedial measures that can be taken to solve the problem, other than system expansion?**

Y: Yes. One alternative would be to add sufficient storage to be able to equalize flow.

**Q: Does this conclude your testimony?**

A: Yes.

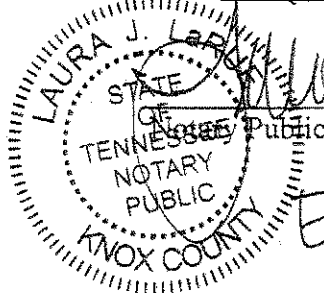
STATE OF TENNESSEE )

COUNTY OF Knox )

JOHN J FEROWICH, having been first duly sworn, makes oath that the statements contained in the foregoing Pre-Filed Direct Testimony are true to the best of his knowledge, information, and belief.

*[Handwritten signature of John J. Ferowich]*

SWORN TO AND SUBSCRIBED before me, on this the 17<sup>th</sup> day of August, 2015.



*[Handwritten signature]*  
Expires 12/26/17