

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

IN RE:)
)
PETITION OF TENNESSEE)
WASTEWATER SYSTEMS, INC., TO) **DOCKET NO. 21-00075**
AMEND ITS CERTIFICATE OF)
CONVENIENCE AND NECESSITY)

**PETITION TO AMEND ITS CERTIFICATE OF CONVENIENCE AND NECESSITY
TO INCLUDE THE OAK PLAINS SUBDIVISION**

Tennessee Wastewater Systems, Inc. ("TWSI", "Utility", or "Company") petitions the Tennessee Public Utility Commission ("TPUC") to amend its Certificate of Convenience and Necessity to expand its service area to include a residential subdivision in Montgomery County known as Oak Plains.

As demonstrated in the application and attached exhibits, there is a public need for service and TWSI has the requisite management experience, financial capability, and technical expertise to provide such service pursuant to the rules and regulations of the Commission. In support of its Petition, TWSI states as follows:

General Information:

1. The applicant is Tennessee Wastewater Systems, Inc. which is located at 851 Aviation Parkway, Smyrna, TN 37167.
2. **Organizational Chart** – See Exhibit 2

3. **Tennessee Wastewater Systems, Inc.** is wholly owned by Adenus Group, LLC. The members of Adenus Group, LLC are Thomas Pickney, William Pickney, and Robert, Pickney. 849 Aviation Parkway, Smyrna, TN 37167. Each owns 33.3% of Adenus Group, LLC.
4. **Corporate Organizational Chart with Affiliates** – See Exhibit 4 – Adenus Solutions Group, LLC will construct the wastewater treatment plant and drip fields. Adenus Technologies, LLC will provide certain materials and supplies to the project as well as panels and telemetry monitoring to the system. TWSI is aware of and will abide by the Commission's affiliate transaction rules with respect to transactions between TWSI and its affiliates.
5. **Articles of Incorporation** – See Exhibit 5
6. **Tennessee Business License** – See Exhibit 6
7. **Description of Geographic Territory** – Oak Plains Subdivision is located at Lat: 36.41638 N, Long: -87.20271 W. The closest highway is Highway 12 in Montgomery County. The wastewater facility will be known as Oak Plains TF. See Exhibits 7A-7B for maps detailing the development location and the lots to be served and the wastewater facilities.
8. **Description of the Proposed Wastewater System** – The proposed system is comprised of a watertight effluent pressure collection system, utilizing STEP/STEG tanks and a recirculating media filter treatment system to handle design flows from 38 residential lots.
9. **Estimated Dates for commencement and completion of construction** – Construction will commence at a time agreeable between the developer and ASG and will take approximately 180 days.
10. **Phases/Houses per Phase** – The wastewater system will serve 38 residential lots, all of which will be built as one phase.
11. **Builder/Developer Identity** – See Request to Serve Letter Exhibit 11

Hayes & Associates
David Hayes
1503 Meadow Spring Drive
Jefferson City, TN 37760
Phone: 865-765-8111

Email: hayesassociates@bellsouth.net

Existence of Public Need and Property Rights

- 12. **Letters from local governments and utilities** – See Exhibits 12A & 12B
- 13. **Franchise Agreement** – n/a
- 14. **Contracts and Agreements** – See Exhibit 14.

Managerial Ability:

- 15. **Biographies of officers and key wastewater utility staff w/ list of certifications or professional licenses** – See Exhibit 15
- 16. TWSI is a certified wastewater provider in the State of Tennessee. Its parent company Adenus Group, LLC owns certified wastewater providers in Alabama, Ohio, and Kentucky.
- 17. **Merger/Acquisition** – n/a
- 18. **Treatment System Contractor** – Adenus Solutions Group, LLC will construct the wastewater treatment and disposal systems. Adenus Solutions Group, LLC's contractor's license is attached as Exhibit 18.

Technical Ability:

- 19. **SOP Application/Permit** – See Exhibit 19. Final permit will be filed in this docket when received.
- 20. **State Operator Certificate** – See Exhibit 20
- 21. **TWSI Contact Person:**

Matthew Nicks
Tennessee Wastewater Systems, Inc.
615-220-7200

- 22. **Engineering Certification** – The system has not been constructed at this time. The certification will be filed in this docket upon acceptance of the system by TWSI.

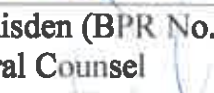
Financial Capability:

23. **Financial Statements** – See Exhibits 23A-C
24. **Pro Forma** (Five years of operations) –With over 4250 customers, the addition of 38 customers over a five (5) year period will have minimal impact to the Company’s overall finances (as shown in Exhibits 23 and 31).
25. **NARUC Chart of Accounts** – See Exhibit 25
26. **Plant in service account numbers** – See Exhibit 26
27. **Depreciation rates/schedule** – Depreciation is straight line with the following schedule:
 - Building – 15 years
 - Fence – 7 years
 - Panel – 7 years
 - Tank – 10 years
 - Treatment – 26 years
28. **Estimated Cost of Construction** – See Exhibit 28.
29. TWSI will own the system once it is completed, inspected, and accepted by the Utility. Estimated amount of contributed capital is as identified in Exhibit 28 above (the treatment plant), plus cost of collection system and cost of the land conveyed to the Utility. Neither of these costs are known at this time but will be filed in this Docket along with the actual cost of the treatment system when provided by the Developer to TWSI, no later than at the time the final plat is signed by the Utility. Contributed Capital is recorded when the system is commissioned (accepted) by debiting the appropriate utility plant in service asset account and crediting the CIAC account.
30. **Tariff** – On file with the Commission. See Exhibit 30 for addition of Oak Plains to the residential tariff sheet.
31. **Five Year Build Out Estimate of Development** – See Exhibit 31
32. **Municipal Bonding Requirements** – There are no municipal bonding requirements for the wastewater system.

33. **Performance Bond** – Performance bond from the developer will be provided in this docket prior to commencement of construction for this project.
34. **Funding Sources** - The developer is responsible for funding the construction of the wastewater system.
35. **Financial Security** – On file with the Commission.

THEREFORE, having shown that a public need exists and that TWSI possesses the requisite managerial, technical, and financial capabilities to provide service to the Oak Plains subdivision in Montgomery County, Tennessee, TWSI respectfully requests the Commission's approval of this Petition.

RESPECTFULLY SUBMITTED,



Jeff Riden (BPR No. 32769)
General Counsel
Tennessee Wastewater Systems, Inc.
851 Aviation Parkway
Smyrna, TN 37167
(615) 220-7171
jeff.riden@adenus.com

Tennessee Wastewater Systems, Inc.

Organizational Chart

Jeff Rlsden, CEO

Matthew Nicks, President

Thomas Pickney, Secretary

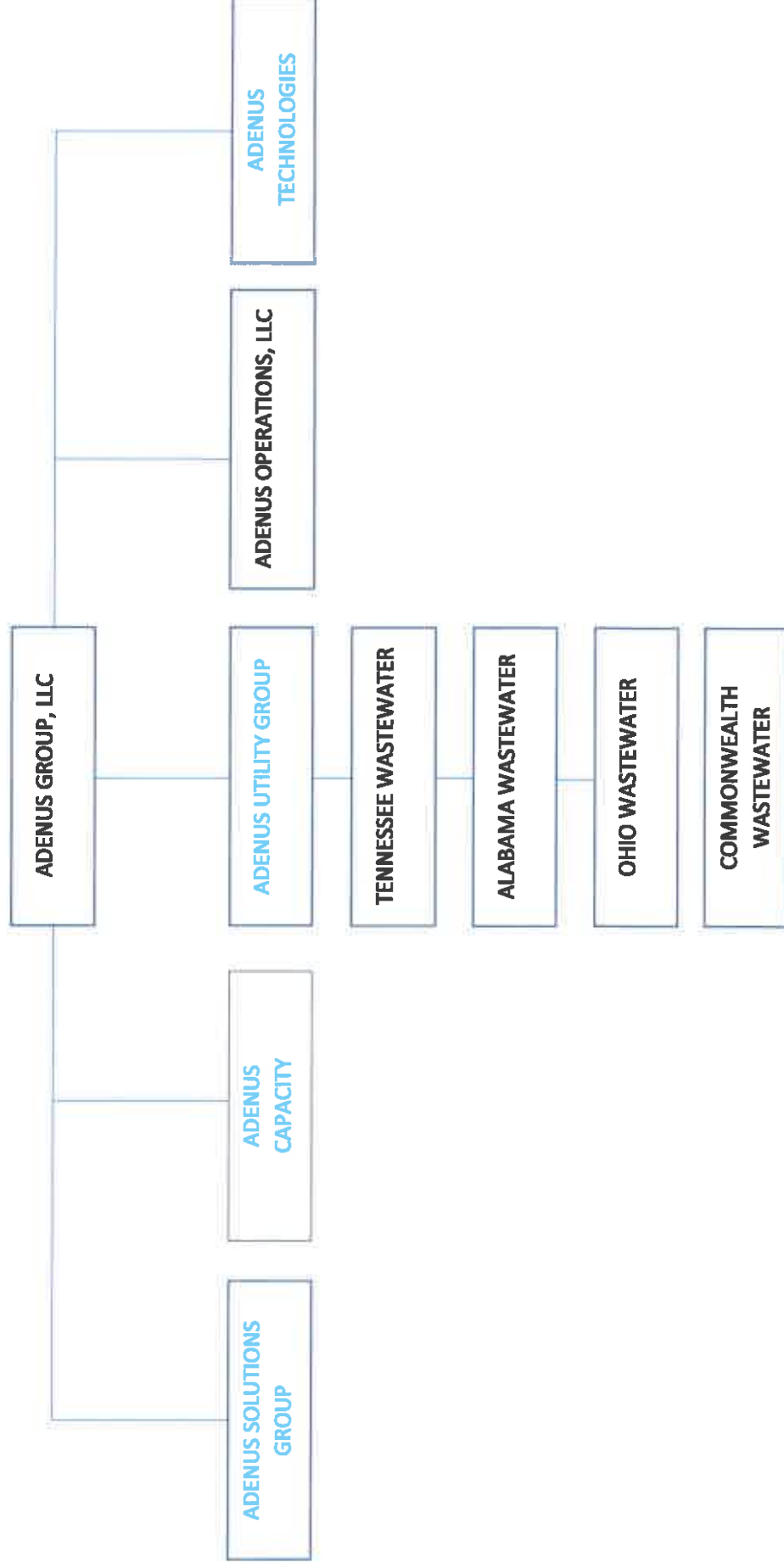
William Pickney, Treasurer

Suzanne Christman, Controller

Billy Dranes, Operations Manager, Middle TN

Jeramy Stewart, Operations Manager, East TN

ADENUS GROUP, LLC
AFFILIATE
ORGANIZATIONAL CHART



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2: 34

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TENNESSEE Wastewater Systems, Inc.

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☐ AMENDMENT IS TO BE EFFECTIVE,-----

(NOTTOBELA1ER1HAN1HE90THDAYAFIER1HEDAETIIISDOCUMENTIS FILED.) IF NEITHER.BLOCKIS CHECKED,
THEAMENDMENTWILL BE EFFECTIVEATTHETIME OF FILING

A. PRINCIPALADDRESS:

STREET ADDRESS

CITY

STATE/COUNTY

ZPCODE

B. REGISTERED AGENT:

C. REGISTERED ADDRESS:

STREET ADDRESS

CAT

TN
STATE

214001

— **STRENGTH**

D. OTHER CHANGES:

4. THE CORPORATION IS FOR PROFIT.

5 THE MANNER (IF NOT SET FORTH IN THE AMENDMENT) FOR IMPLEMENTATION OF ANY EXCHANGE, RECLASSIFICATION, OR CANCELLATION OF ISSUED SHARES IS AS FOLLOWS:

6 THE AMENDMENT WAS DULY ADOPTED ON ..TIA..PLA.. 2-00 3 (MONTH' DAY, YEAR)
BY (Please make the block that applies):

☐ THE INCORPORATORS WITHOUT SHAREHOLDER ACTION, AS SUCH WAS NOT REQUIRED.
THE BOARD OF DIRECTORS WITHOUT SHAREHOLDER APPROVAL, AS SUCH WAS NOT REQUIRED.
☐ THE SHAREHOLDERS.

PRESIDENT
SIGNER'S CAPACITY

Ch
SIGNATURE

DATE _____

Q ho. 1\sl'--?:c.ko¥, JR
NAME OF SIGNER (TYPED OR PRINTED)



Tre Hargett
Secretary of State

Division of Business Services

Department of State

State of Tennessee

312 Rosa L. Parks AVE, 6th FL

Nashville, TN 37243-1102

JEFF RISDEN
JEFF RISDEN
851 AVIATION PARKWAY
SMYRNA, TN 37167

February 8, 2021

Request Type: Certificate of Existence/Authorization
Request #: 0402117

Issuance Date: 02/08/2021
Copies Requested: 1

Document Receipt

Receipt # : 006056982	Filing Fee:	\$20.00
Payment-Credit Card - State Payment Center - CC #: 3798738680		\$20.00

Regarding: TENNESSEE WASTEWATER SYSTEMS, INC.

Filing Type: For-profit Corporation - Domestic

Formation/Qualification Date: 03/16/1993

Status: Active

Duration Term: Perpetual

Business County: RUTHERFORD COUNTY

Control # : 263854

Date Formed: 03/16/1993

Formation Locale: TENNESSEE

Inactive Date:

CERTIFICATE OF EXISTENCE

I, Tre Hargett, Secretary of State of the State of Tennessee, do hereby certify that effective as of the issuance date noted above

TENNESSEE WASTEWATER SYSTEMS, INC.

* is a Corporation duly incorporated under the law of this State with a date of incorporation and duration as given above;

* has paid all fees, interest, taxes and penalties owed to this State (as reflected in the records of the Secretary of State and the Department of Revenue) which affect the existence/authorization of the business;

* has filed the most recent annual report required with this office;

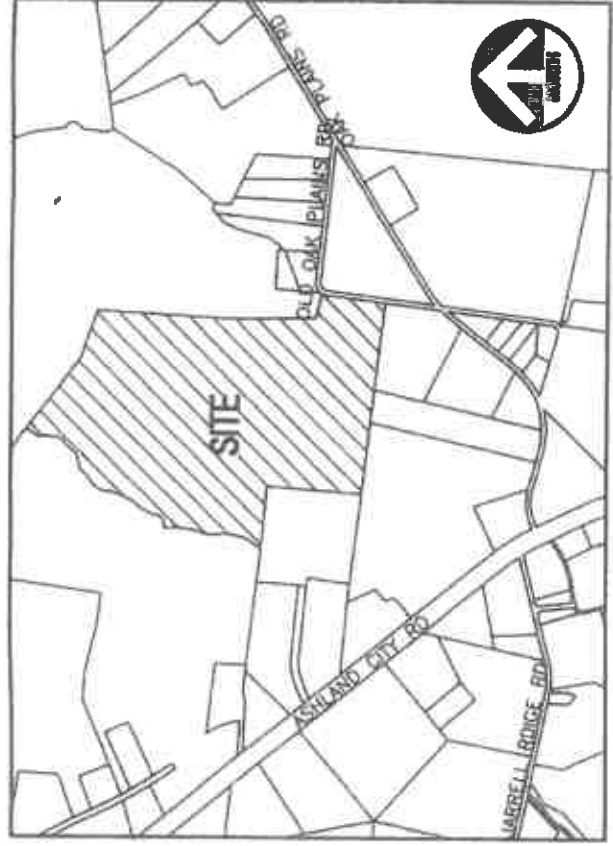
* has appointed a registered agent and registered office in this State;

* has not filed Articles of Dissolution or Articles of Termination. A decree of judicial dissolution has not been filed.

Tre Hargett
Secretary of State

Processed By: Cert Web User

Verification #: 044379741

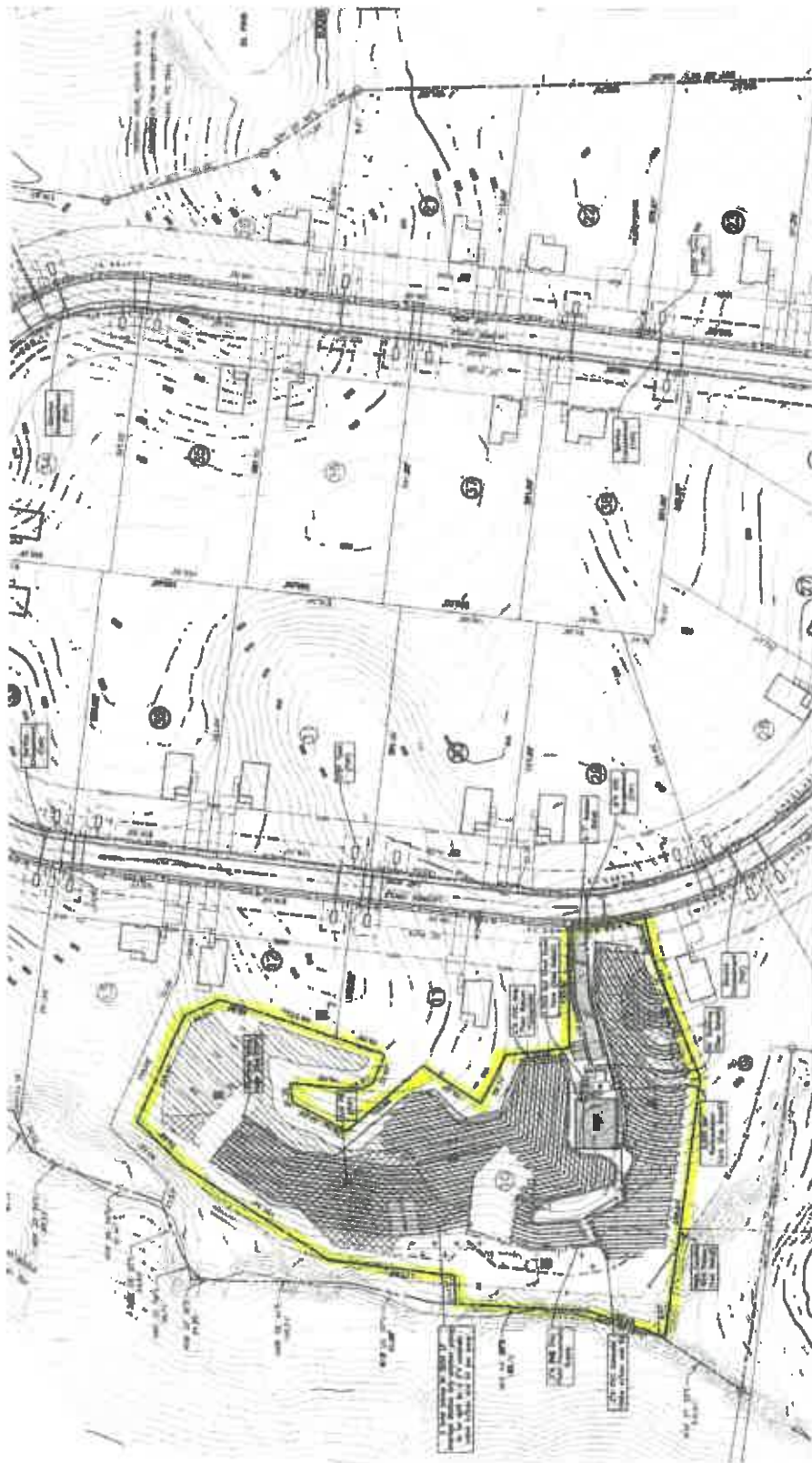


LOCATION MAP
(NOT TO SCALE)



VICINITY MAP
(NOT TO SCALE)

**OAK PLAINS ESTATES
MONTGOMERY CO., TENNESSEE**



Oak Plains Treatment Facility

Land Application Area to be Conveyed to the Utility

Boundary, Topo and Lot
Legend

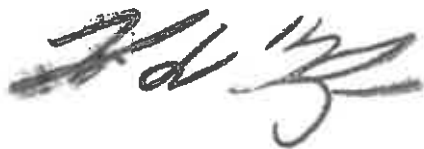


To: Matthew Nicks
Tennessee Wastewater Systems, Inc
849 Aviation Parkway
Smyrna, Tennessee 37167

June 8, 2021

We are requesting that TWSI service our project on Old Oak Plains Rd. for the sewer system.

Sincerely,

A handwritten signature in dark ink, appearing to read 'H. David Hayes', with a stylized flourish at the end.

H. David Hayes
Developer- Old Oak Plains
1503 Meadow Spring Dr.
Jefferson City, TN. 37760
865-475-4766
hayesassociates@bellsouth.net



Montgomery County Government

Jim Durrett
County Mayor

1 Millennium Plaza, Suite 205
P.O. Box 368
Clarksville, Tennessee 37041-0368

Phone: (931) 648-5787
Fax: (931) 553-5177
mayordurrett@mcgtn.net

September 30, 2020

Subject: Utility Availability
Kenneth Head Property
Old Oak Plains Road
Map 126, Parcel 066.00
ORBV 1904, Page 2994, ROMCT

Dear Mr. Hayes,

In response to your inquiry concerning utility availability for the referenced property on Old Oak Plains Road (Parcel ID 126-066.00), our records indicate that the property lies within the East Montgomery Utility District. Therefore, sanitary sewer is not currently available. Montgomery County does not operate nor control a sanitary sewer system or plant.

If you have any other questions concerning this matter, please contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Jim Durrett", is written over a horizontal line.

Jim Durrett
Montgomery County Mayor

**GAS + WATER
DEPARTMENT**

July 8, 2020

Subject: Utility Availability
Kenneth Head Property
Old Oak Plains Road
Map 126, Parcel 066.00
ORBV 1904, Page 2994, ROMCT

Mr. Head,

In response to your inquiry concerning utility availability for the referenced property on Old Oak Plains Road (Parcel ID 126-066.00), our records indicate that the property lies within the East Montgomery Utility District. Therefore, sanitary sewer is not currently available to the property and may possibly never be able to be served by Clarksville Gas and Water Department. Clarksville Gas & Water releasing the sewer rights for the above referenced tract of land.

If you have any other questions concerning this matter, please contact me.

Respectfully,

Patrick Chesney
Senior Engineering Manager
(931) 645-7418

EXHIBIT 14

Confidential

Filed Under Seal

**Tennessee Wastewater System, Inc.,
Officer and Key Employee Biographies**

Tennessee Wastewater Systems, Inc. ("TWSI") is a leader in decentralized wastewater systems and technology in the Southeastern United States. TWSI has been a regulated provider of wastewater services in Tennessee since receiving its Initial CCN from the Tennessee Public Service Commission, the predecessor to the current Tennessee Public Utility Commission, in 1994; currently holding over 100 certificates for territories in Middle and East Tennessee and providing service to over 3000 customers across the State.

Jeff Ridsen, CEO – Mr. Ridsen joined Adenus in 2015 as General Counsel before rising to CEO in late 2018. Prior to Adenus Mr. Ridsen was in private legal practice and spent over twenty years in the music business as a booking agent and artist manager, representing and guiding the careers of gold and platinum selling, and Grammy nominated musical artists, songwriters, and producers. He received his undergraduate degree from Geneva College in Beaver Falls, PA, and his JD from the Nashville School of Law.

Matthew Nicks – President – Mr. Nicks is the President of Tennessee Wastewater Systems, Inc. Mr. Nicks comes from an environmental remediation background. Mr. Nicks has worked all over the world handling and overseeing the collection, treatment, storage, transportation, and shipping of hazardous waste in a variety of industry settings. Matthew has a strong background in regulatory compliance matters including those related to OSHA, NIOSH, ANSI, NFPA, and the EPA. Mr. Nicks is also a residential developer who has developed properties in Davidson County. Mr. Nicks is a Tennessee licensed contractor.

Tom Pickney – Secretary

Bill Pickney – Treasurer

Tom and Bill Pickney entered the wastewater business in the mid 1980's by constructing low pressure pipe systems for homes, primarily in Williamson County. They were shortly joined by their brother Bob who through his engineering background added system design to their offerings. Soon Pickney Brothers, Inc. was formed and over the coming years helped bring the decentralized wastewater concept to Tennessee. Tom and Bill, along with their brothers Bob and Charles formed On-Site Systems, Inc. in early 1990's. The company was granted its first CCN in 1994. On-Site's name was changed in 2007 to Tennessee Wastewater Systems, Inc. Tom and Bill have extensive, decades long, experience and knowledge of the design, construction, and operations of decentralized wastewater systems.

Billy Dranes, Operations Mgr – Middle TN – Mr. Dranes is responsible for overseeing Tennessee Wastewater System, Inc.'s operations and maintenance program for their facilities in Middle Tennessee. Mr. Dranes comes to TWSI with over 35 years municipal wastewater management and consulting, industrial wastewater treatment and pretreatment, laboratory & field services, client & project management, regulatory compliance, wastewater operations & maintenance, technical consulting, and business development in the public and private sectors. Most recently he was the treatment plant manager for the wastewater plant for the City of Lebanon, TN.

Jeremy Stewart, Operations Mgr – East TN – Mr. Stewart is responsible for overseeing Tennessee Wastewater System, Inc.'s operations and maintenance program for its facilities in East Tennessee. He

holds licenses in Grade 1 Collections Systems as well as Biological and Natural Systems in the state of Tennessee.

STATE OF ILLINOIS
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
WATER AND WASTEWATER OPERATOR CERTIFICATION BOARD

ID NO.

15952

EXPIRATION DATE

12/31/2020

RENEWAL NO.

102902

THIS IS TO CERTIFY THAT:

Jeremy L Stewart

IS IN GOOD STANDING WITH THE BOARD FOR THE CLASSIFICATIONS LISTED:

BNS

CSI



DEPARTMENT OF
COMMERCE AND INSURANCE

ADENUS SOLUTIONS GROUP LLC

NEW

ID NUMBER: 58798

LIC STATUS: ACTIVE

EXPIRATION DATE: March 31, 2023

BOARD FOR LICENSING CONTRACTORS
CONTRACTOR

THIS IS TO CERTIFY THAT ALL REQUIREMENTS
OF THE STATE OF TENNESSEE HAVE BEEN MET

ADENUS SOLUTIONS GROUP LLC
849 AVIATION PARKWAY
SMYRNA, TN 37167

State of Tennessee

3 11904075

BQ.Mtn FOR UCENSING CONTRACTORS

CONTRACTOR

ADENUS SOLUTIONS GROUP LLC

This is to certify that all requirements of the State of Tennessee have been met.

ID NUMBER: 58798

LIC STATUS: ACTIVE

EXPIRATION DATE: March 31, 2023

DBL, GBL, HCB, DC-C, ETC, MU-A, NAL-C, MU-B



FN-1313

DEPARTMENT OF
COMMERCE AND INSURANCE



STATE OPERATING PERMIT APPLICATION SOP

**Oak Plains Treatment Facility
Recirculating Media Filter & Drip Dispersal
Old Oak Plains Road**

**Tennessee Wastewater Systems Inc.
Montgomery County, TN**



Table of Contents

Section Title

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2.0	Area of Review
3.0	Ground Water General Description
4.0	Population General Description
5.0	Nature of Fluid
6.0	General Location of Publicly Supplied Water
7.0	Description of System
8.0	Nature and Type of System
9.0	Flow Schematic

1.0 SOP Permit Application



Tennessee Department of Environment and Conservation
Division of Water Resources
William R. Snodgrass - Tennessee Tower
312 Rosa L Parks Avenue, 11th Floor
Nashville, Tennessee 37243-1102
(615) 532-0625

APPLICATION FOR A STATE OPERATION PERMIT (SOP)

Type of application: ☒ New Permit ☐ Permit Reissuance ☐ Permit Modification

Permittee Identification: (Name of city, town, industry, corporation, individual, etc., applying, according to the provisions of Tennessee Code Annotated Section 69-3-108 and Regulations of the Tennessee Water Quality Control Board.)

Permittee

Name **Tennessee Wastewater Systems, Inc.**
(applicant):

Permittee
Address: **851 Aviation Parkway, Smyrna, TN 37167**

Official Contact:

Jeff Riden

Mailing Address:

851 Aviation Parkway

Phone number(s):

615-220-7200

Title or Position:

CEO

City:

Smyrna

State:

TN

Zip:

37167

E-mail:

jeff.riden@adenus.com

Optional Contact:

Billy Dranes

Address:

849 Aviation Parkway

Phone number(s):

615-220-7180

Title or Position:

Operations Manager

City:

Smyrna

State:

TN

Zip:

37167

E-mail:

billy.dranes@adenus.com

Application Certification (must be signed in accordance with the requirements of Rule 0400-40-05-.05)

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury.

Name and title; print or type

Jeff Riden, CEO

Signature

Date

5/25/2021

Facility Identification:		Existing Permit No.
Facility Name:	Oak Plains Treatment Facility	County: Montgomery
Facility Address or Location:	Old Oak Plains Rd, Ashland City, TN	Latitude: 36.4197
		Longitude: -87.2026
Name and distance to nearest receiving waters: Bush Creek splits property		
If any other State or Federal Water/Wastewater Permits have been obtained for this site, list their permit numbers: N/A		
Name of company or governmental entity that will operate the permitted system: Tennessee Wastewater Systems, Inc.		
Operator address: 849 Aviation Parkway, Smyrna, TN 37167		
<p>Has the owner/operator filed for a Certificate of Convenience & Necessity (CCN), or an amended CCN, with the Tennessee Regulatory Authority (TRA) (may be required for collection systems and land application treatment systems)? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A</p> <p>If the applicant listed above does not yet own the facility/site or if the applicant will not be the operator, explain how and when the ownership will be transferred or describe the contractual arrangement and renewal terms of the contract for operations. N/A</p>		
Complete the following information explaining the entity type, number of design units, and daily design wastewater flow:		
Entity Type	Number of Design Units	
<input checked="" type="checkbox"/> City, town or county	No. of connections: 38	Typical Residential/Commercial Sanitary Sewer
<input type="checkbox"/> Subdivision	No. of homes:	Avg. No. bedrooms per home:
<input type="checkbox"/> School	No. of students:	Size of cafeteria(s):
<input type="checkbox"/> Apartment	No. of units:	No. of showers:
		No. units with Washer/Dryer hookups:
		No. units without W/D hookups:
<input type="checkbox"/> Commercial Business	No. of employees:	Type of business:
<input type="checkbox"/> Industry	No. of employees:	Product(s) manufactured:
<input type="checkbox"/> Resort	No. of units:	
<input type="checkbox"/> Camp	No. of hookups:	
<input type="checkbox"/> RV Park	No. of hookups:	No. of dump stations:
<input type="checkbox"/> Car Wash	No. of bays:	
<input type="checkbox"/> Other		
Describe the type and frequency of activities that result in wastewater generation. Regional Treatment Facility - Typical Residential Sanitary Sewer		

Engineering Report (required for collection systems and/or land application treatment systems):☐ N/A☐ Prepared in accordance with Rule 0400-40-05-.03 and Section 1.2 of the State of Tennessee [Design Criteria for Sewage Works](#)☒ Attached, or☐ Previously submitted and entitled:Approved? ☐ Yes. Date:☐ No

Operation and Maintenance Inspection Schedule Submitted:

Approved? ☐ Yes. Date:☐ No**Wastewater Collection System:**☐ N/A

System type (i.e., gravity, low pressure, vacuum, combination, etc.): Septic tank effluent with small diameter gravity/pressure collection

System Description: SDR 17 PVC pressure pipe ranging from 3"Ø to 8"Ø and required fittings

Describe methods to prevent and respond to any bypass of treatment or discharges (i.e., power failures, equipment failures, heavy rains, etc.): Cellular Telemetry Notification

In the event of a system failure describe means of operator notification: Cellular Telemetry Notification

List the emergency contact(s) (name/phone): Billy Dranes - 615-220-7200

For low-pressure systems, who is responsible for maintenance of STEP/STEG tanks and pumps or grinder pumps (list all contact information)? Tennessee Wastewater Systems, Inc.

Approximate length of sewer (excluding private service lateral): As required

Number/hp of lift stations: As required/0.5 HP Number/hp of lift pumps /

Number/volume of low pressure and or grinder pump tanks /

Number/volume septic tanks as needed/varies

Attach a schematic of the collection system. ☒ Attached

If this is a satellite sewer and you are tying into another sewer system complete the following section, listing tie-in points to the sewer system and their location (attach additional sheets as necessary):

Tie-in PointLatitude (xx.xxxx°)Longitude (xx.xxxx°)

N/A

Land Application Treatment System:☐ N/AType of Land Application Treatment System: ☒ Drip ☐ Spray ☐ Other, explain:

Type of treatment facility preceding land application (recirculating media filters, lagoons, other, etc.): Recirculating Media Filter

Attach a treatment schematic. ☒ Attached

Describe methods to prevent and respond to any bypass of treatment or discharges (i.e., power failures, equipment failures, heavy rains, etc.): Cellular Telemetry Notification

For New or Modified Projects:

Name of Developer for the project: Existing Permit

Developer address and phone number: Existing Permit

For land application, list: Proposed acreage involved: 2.0± Acres

Inches/week gpd/sq.ft loading rate to be applied: 0.2 GPD/SF

Is wastewater disinfection proposed?



Yes Describe land application area access:



No Describe how access to the land application area will be restricted: Fence

Attach required additional Engineering Report Information (see [website](#) for more information)☒ Topographic map (1:24,000 scale presented at a six inch by six-inch minimum size) showing the location of the project including quadrangle(s) name(s) GPS coordinates, and latitude and longitude in decimal degrees should also be included.☒ Scaled layout of facility showing the following: lots, buildings, etc. being served, the wastewater collection system routes, the pretreatment system location, the proposed land application area(s), roads, property boundaries, and sensitive areas such as streams, lakes, springs, wells, wellhead protection areas, sinkholes and wetlands.☒ Soils information for the proposed land disposal area in the form of a Water Resources Soils Map per Chapter 16 and 17 State of Tennessee Design Criteria for Sewage Work. The soils information should include soil depth (borings to a minimum of 4 feet or refusal) and soil profile description for each soil mapped.☒ Topographic map of the area where the wastewater is to be land applied with no greater than ten-foot contours presented at a minimum size of 24 inches by 24 inches.☐ Describe alternative application methods based on the following priority rating: (1) connection to a municipal/public sewer system, (2) connection to a conventional subsurface disposal system as regulated by the Division of Groundwater Protection, and/or (3) land application.

For Drip Dispersal Systems Only: Unless otherwise determined by the Department, sewage treatment effluent wells, i.e. large capacity treatment/drip dispersal systems after approval of the SOP Application, will be issued an UIC tracking number and will be authorized as Permit by Rule per UIC Rule 0400-45-06-.14(2) and upon issue of a State Operating Permit and Sewage System Construction Approval by the Department. Describe the following:

☒ N/A

The area of review (AOR) for each Drip Dispersal System shall, unless otherwise specified by the Department, consist of the area lying within a one-mile radius or an area defined by using calculations under 0400-45-06-.09 of the Drip Dispersal System site or facility, and shall include, but not be limited to general surface geographic features, general subsurface geology, and general demographic and cultural features within the area. Attach to this part of the application a general characterization of the AOR, including the following: (This can be in narrative form)

- ☐ A general description of all past and present groundwater uses as well as the general groundwater flow direction and general water quality.
- ☐ A general description of the population and cultural development within the AOR (i.e. agricultural, commercial, residential or mixed)
- ☐ Nature of injected fluid to include physical, chemical, biological or radiological characteristics.
- ☐ If groundwater is used for drinking water within the area of review, then identify and locate on a topographic map all groundwater withdrawal points within the AOR, which supply public or private drinking water systems. Or supply map showing general location of publicly supplied water for the area (this can be obtained from the water provider)
- ☐ If the proposed system is located within a wellhead protection area or source water protection area designated by Rule 0400-45-01-.34, show the boundary of the protection area on the facility site plan.
- ☐ Description of system, Volume of injected fluid in gallons per day based upon design flow, including any monitoring wells
- ☐ Nature and type of system, including installed dimensions of wells and construction materials

Pump and Haul:
☒ N/A

Reason system cannot be served by public sewer:

Distance to the nearest manhole where public sewer service is available: _____

When sewer service will be available: _____

Volume of holding tank: _____ gal.

Tennessee licensed septage hauler (attach copy of agreement): _____

Facility accepting the septage (attach copy of acceptance letter): _____

Latitude and Longitude (In decimal degrees) of approved manhole for discharge of septage: _____

Describe methods to prevent and respond to any bypass of treatment or discharges (i.e., power failures, equipment failures, heavy rains, etc.): _____

Holding Ponds (for non-domestic wastewater only):		<input checked="" type="checkbox"/> N/A
Pond use: <input type="checkbox"/> Recirculation <input type="checkbox"/> Sedimentation <input type="checkbox"/> Cooling <input type="checkbox"/> Other (describe): _____		
Describe pond use and operation: _____		
If the pond(s) are existing pond(s), what was the previous use? _____		
Have you prepared a plan to dispose of rainfall in excess of evaporation? <input type="checkbox"/> Yes <input type="checkbox"/> No		
If so, describe disposal plan: _____		
Is the pond ever dewatered? <input type="checkbox"/> Yes <input type="checkbox"/> No		
If so, describe the purpose for dewatering and procedures for disposal of wastewater and/or sludge: _____		
Is(are) the pond(s) aerated? <input type="checkbox"/> Yes <input type="checkbox"/> No		
Volume of pond(s): _____ gal. Dimensions: _____		
Is the pond lined (Note if this is a new pond system it must be lined for SOP coverage. Otherwise, you must apply for an Underground Injection Control permit.)? <input type="checkbox"/> Yes <input type="checkbox"/> No		
Describe the liner material (if soil liner is used give the compaction specifications): _____		
Is there an emergency overflow structure? <input type="checkbox"/> Yes <input type="checkbox"/> No		
If so, provide a design drawing of structure. _____		
Are monitoring wells or lysimeters installed near or around the pond(s)? <input type="checkbox"/> Yes <input type="checkbox"/> No		
If so, provide location information and describe monitoring protocols (attach additional sheets as necessary): _____		

Mobile Wash Operations:☒ N/A☐ Individual Operator☐ Fleet Operation Operator**Indicate the type of equipment, vehicle, or structure to be washed during normal operations (check all that apply):**☐ Cars☐ Trucks☐ Trailers (Interior washing of dump-trailers, or tanks, is prohibited.)☐ Other (describe): _____☐ Parking Lot(s): _____ sq. ft.☐ Windows: _____ sq. ft.☐ Structures (describe): _____**Wash operations take place at (check all that apply):**☐ Car sales lot(s)☐ Private industry lot(s)☐ County(ies), list: _____☐ Public parking lot(s)☐ Private property(ies)☐ Statewide**Wash equipment description:**☐ Truck mounted☐ Rinse tank size(s) (gal.): _____☐ Collection tank size(s) (gal.): _____☐ Trailer mounted☐ Mixed tanks size(s) (gal.): _____

Number of tanks per vehicle: _____

Pressure washer:

_____ psi (rated)

_____ gpm (rated)

☐ gas powered☐ electric

Vacuum system manufacturer/model: _____

Vacuum system capacity: _____

Inches Hg

Describe any other method or system used to contain and collect wastewater: _____

List the public sewer system where you are permitted or have written permission to discharge waste wash water (Include a copy of the permit or permission letter):Are chemicals pre-mixed, prior to arriving at wash location? ☐ Yes ☐ No**Describe all soaps, detergents, or other chemicals used in the wash operation (attach additional sheets as necessary):**

Chemical name:

Manufacturer:

Primary CAS No. or Product No.

APPLICATION FOR A STATE OPERATION PERMIT (SOP)
INSTRUCTIONS

Purpose of this form A completed SOP application must be submitted to obtain SOP coverage. This permit is required to operate a sewage, industrial waste or other waste collection and/or treatment system that does not have a point source discharge to any surface or subsurface waters. This form must be submitted at least 180 days before starting any new activity, before an existing permit expires, or when renewing a permit.

Complete the form Type or print clearly, using black or blue ink; not markers or pencil. Answer each item or enter "N/A," for not applicable. If you need additional space, attach a separate piece of paper to the SOP application. Applicants may be required to submit engineering reports, plans and specifications. Contact the division for the applicable items, or refer to Appendix 1-D of the state [Design Criteria for Sewage Works](#) for more information. **The application will be considered incomplete without supplying all of the required information, Engineering Reports, and an original signature.**

Permittee Identification/Facility Identification Describe and locate the project, use the legal or official name of the facility or site. Provide the latitude and longitude (expressed in decimal degrees) of the center of the site, which can be located on USGS quadrangle maps. The quadrangle maps can be obtained at 1-800-USA-MAPS, or at the Census Bureau world wide web site: <http://www.census.gov/cgi-bin/gazetteer>. Attach a copy of a portion of a 7.5-minute quad map, showing location of site, with boundaries at least one mile outside the site boundaries. If business is mobile give the owner of operations' home, or business office address, and list all current areas of operation by city and county.

Wastewater Collection System These types of systems require engineering reports, refer to Appendix 1-D of the state [Design Criteria for Sewage Works](#) for more information.

Land Application Treatment System These types of systems require engineering reports, refer to Appendix 1-D of the state [Design Criteria for Sewage Works](#) for more information. Public access to the treatment area must be restricted, if disinfection is not part of the treatment. Applicants completing this section of the application must also complete the Wastewater Collection System section.

Pump and Haul These types of systems may require engineering reports, refer to Appendix 1-D of the state [Design Criteria for Sewage Works](#) for more information.

Holding Ponds Given that annual rainfall onto open ponds exceeds annual evaporation (in Tennessee), the permittee must develop a written plan (to be retained on site and be available to the division upon request) that addresses how excess rainfall will be disposed of in compliance with the no discharge requirement of this permit. Treatment ponds are not to be used for stormwater treatment or storage. All new and existing point source industrial stormwater discharges associated with industrial activity require coverage under the

APPLICATION FOR A STATE OPERATION PERMIT (SOP)
INSTRUCTIONS - CONTINUED

Tennessee Industrial stormwater multi-sector general permit TMSP, refer to the [website](#) for more information. Describe the system for re-routing surface runoff away from ponds in the rainfall disposal plan.

Mobile Wash Operations Indicate whether the operation is run by an individual or a corporation with a fleet of vehicles equipped to wash and collect waste waters. If a corporation, indicate the home office as the "Official Contact". Indicate if operations take place at specific sites and list those counties that apply. Note that this permit covers operations for all of Tennessee. Operations indicated as "statewide" generally apply as a fleet type operation and each office location shall be individually permitted. Equipment may be truck or trailer-mounted, or both, indicate all that applies. Soaps, detergents, and other chemicals used should be non-toxic and biodegradable. All "chemically enhanced" (soaps, detergents, and other chemicals) waste-wash waters must be collected for proper disposal. If no chemically enhanced washwaters are used, clear-wash waters may travel by sheet flow to a gravel or grassy area where there is no opportunity to enter waters of the state. There should be no discharge to a storm water inlet, ditch, conveyance, stream, etc. If you are unsure of your wash area drainage, contact the area Environmental Field Office (EFO) prior to setting up your wash operation.

Fees Refer to the TDEC-DWR Environmental Protection Fund Fee Rule 0400-40-11-.02. Links to publications are available on Department of Environment and Conservation, Division of Water Resources webpage and the webpage for the Tennessee Secretary of State.

Submitting the form and obtaining more information Note that this form must be signed by the chief executive officer, owner, or highest-ranking elected official. For more information, contact your local EFO at the toll-free number 1-888-891-8332 (TDEC). Submit a complete application electronically to water.permits@tn.gov (preferred) or to the appropriate EFO for the county(ies) where the facility is located, addressed to **Attention: DWR, Permit Section**. Please keep a copy for your records.

EFO	Street Address	Zip Code	EFO	Street Address	Zip Code
Memphis	8383 Wolf Lake Drive, Bartlett	38133	Cookeville	1221 South Willow Ave.	38506
Jackson	1625 Hollywood Dr	38305-4316	Chattanooga	1301 Riverfront Parkway Suite 206	37402
Nashville	711 R S Gass Boulevard	37243	Knoxville	3711 Middlebrook Pike	37921
Columbia	1421 Hampshire Pike	38401	Johnson City	2305 Silverdale Road	37601

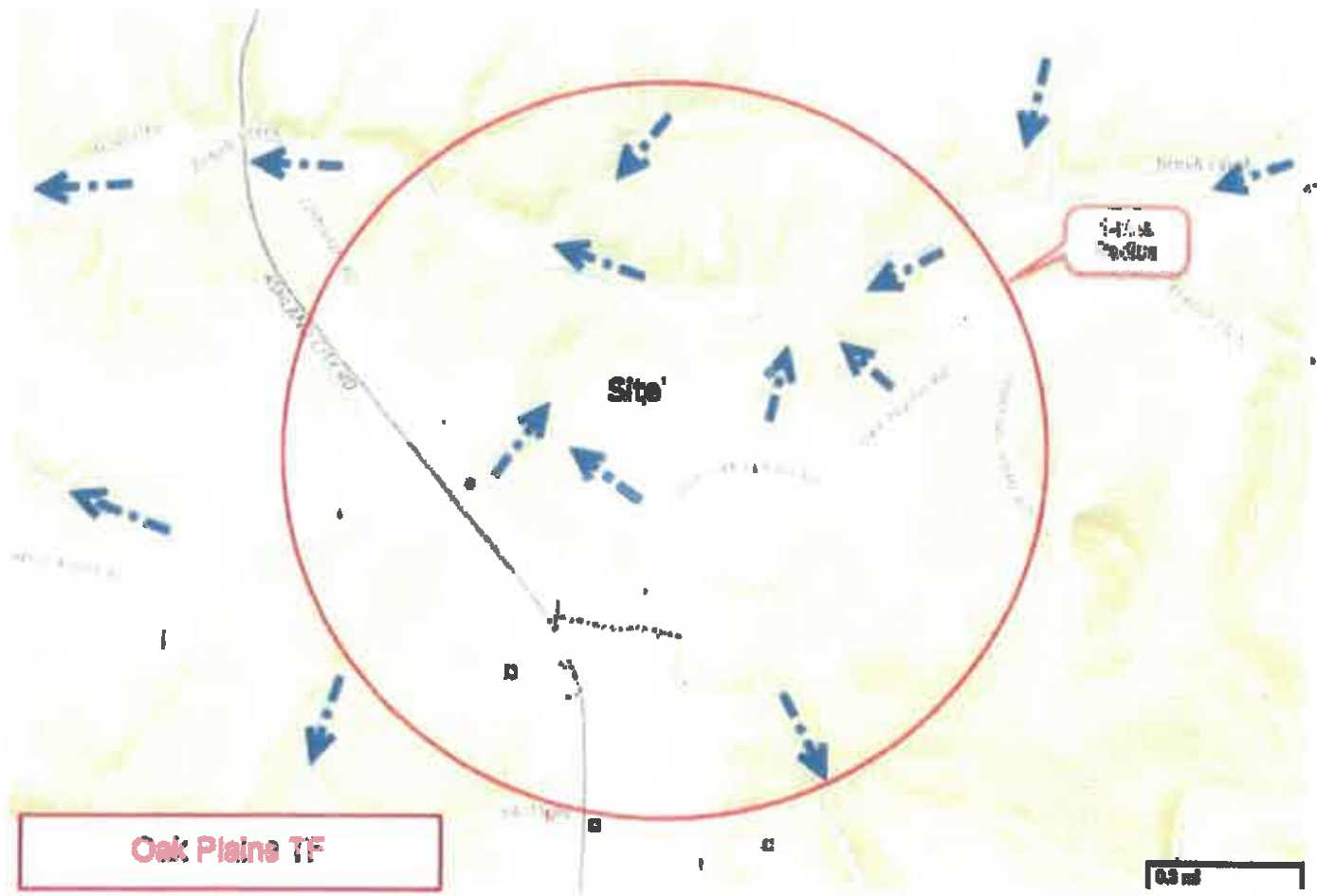
APPLICATION FOR A STATE OPERATION PERMIT (SOP)
INSTRUCTIONS - CONTINUED

Upon receipt of the required items, the division conducts a review of the material, and the applicant is notified of any deficiencies. When all the deficiencies have been corrected, the division makes a determination of whether to publish a draft permit. When a draft permit is generated, a public notice is issued and published in a local newspaper. The draft permit is then reviewed by the applicant, and division field staff. The general public also has an opportunity to review the permit. Based on public response, a public hearing may be held. After considering public comments and a final review, the permit may be issued. The entire process normally takes from five (5) to nine (9) months. Permits are normally valid for five (5) years, except those for pump and haul systems, which are generally valid for one (1) year.

The division has the right to inspect a facility when deemed necessary. In addition, the division has the right to revoke or suspend any permit for violation of permit conditions or any other provisions of the Tennessee Water Quality Control Act and other water pollution control rules.

The division is responsible for regulating any activity, which involves a potential discharge in order to protect waters of the State from pollution and to maintain the highest possible standards in water quality.

2.0 Area of Review

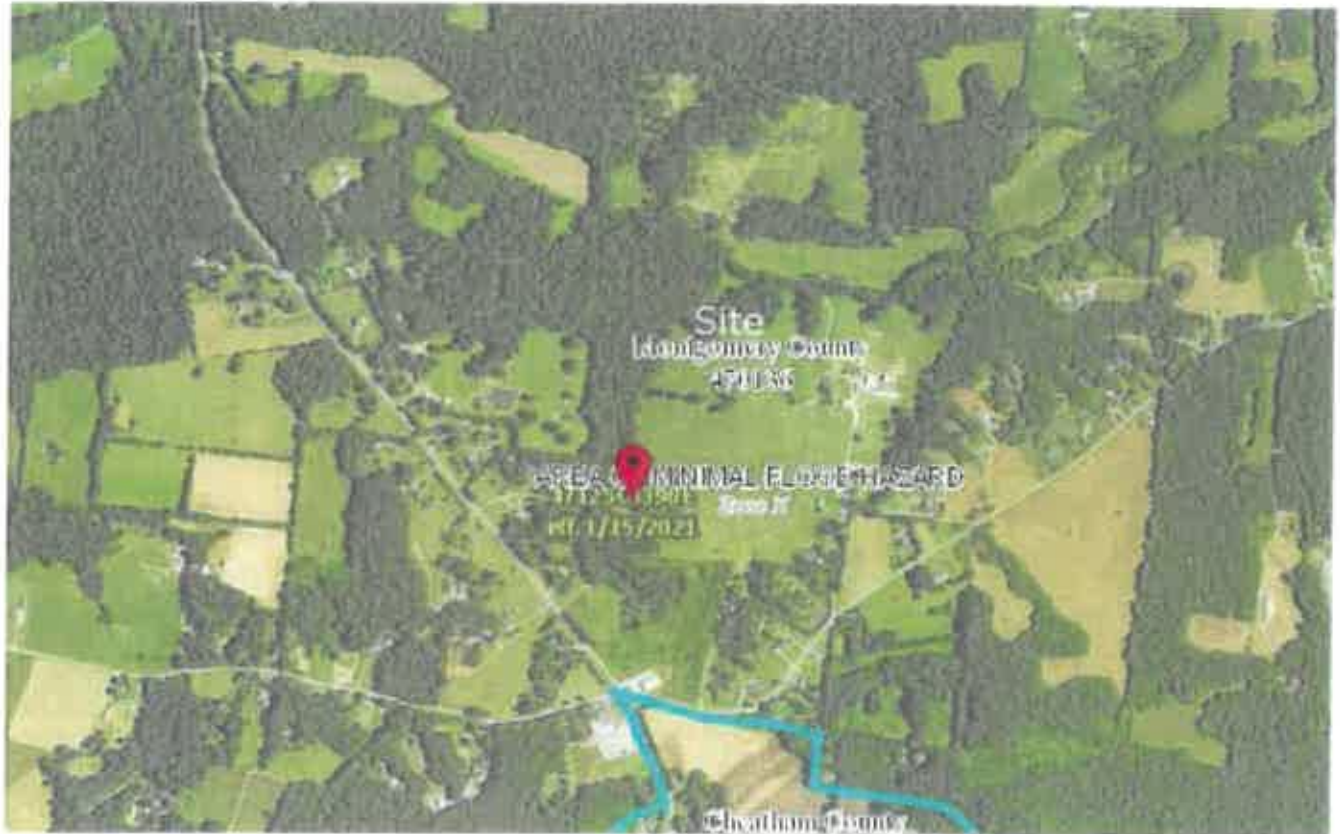


Area of Review

SEC Project No. 21164



Montgomery County Topo Map



FEMA MAP 100-Year Floodplain

SEC Project No. 21164



Aerial Map

3.0 Groundwater General Description

The attached USGS maps indicate the Oak Plains Drip Dispersal Expansion area drainage flow path is to the north and south to Bush Creek watershed. See attached maps.

4.0 Population General Description

The majority of the Area of Review is agricultural land used primarily for pasture and large lot residential. Sparse residential subdivisions have been developed but remain spread out due to the lack of wastewater service. See attached aerial map of property.

5.0 Nature of Fluid

Oak Plains TF is currently designed to accommodate typical residential sanitary wastewater effluent after primary treatment has been accomplished by the interceptor tank(s) at the source.

Oak Plains TF Drip Dispersal Expansion will have a peak design discharge of approximately 11,400 gpd.

6.0 General Location of Publicly Supplied Water

**East Montgomery Utility District supplies public drinking water within the
AOR.**

**East Montgomery Utility District
5195 Highway 41-A South Clarksville, TN 37043
East Montgomery Utility District Information 931-368-1921**

7.0 Description of System

Treated wastewater approximately 11,400 gpd is pumped and distributed to HDPE drip lines with pressure compensating emitters. The drip lines are to be installed on 5-foot centers along the contours with the emitters spaced at 2-foot centers along the drip lines. Drip lines are plowed into the soils that have been approved by a certified soil scientist and placed at an approximate depth of 7-8 inches below the ground surface. Distribution of the treated wastewater is managed through solenoid valves and controlled by a programmable PLC.

Daily Flow

Design Daily Flow	11,400 gpd
Daily Flow for 3-BR	380 gpd/lot
Number of Buildable Residential Lots	30.0 lots

Land Application Area

Land Application Area	0.2 gal/sf/day*
Total Area Required	57000 s.f.
or	1.31 acres

* assumed soil absorption rate

Number of Required Zones

Length per zone (@ 5' o.c.)	3800 L.F.
Number of Zones	3.0 Zones
Total Length	11400 L.F.

Land Reserve Area

Area per lot	50% S.F./lot
Total Area Required	28500 acres
or	0.65 acres
Total Area Required	85500 s.f.
Total Area Required	1.96 s.f.

Sand Filter Size

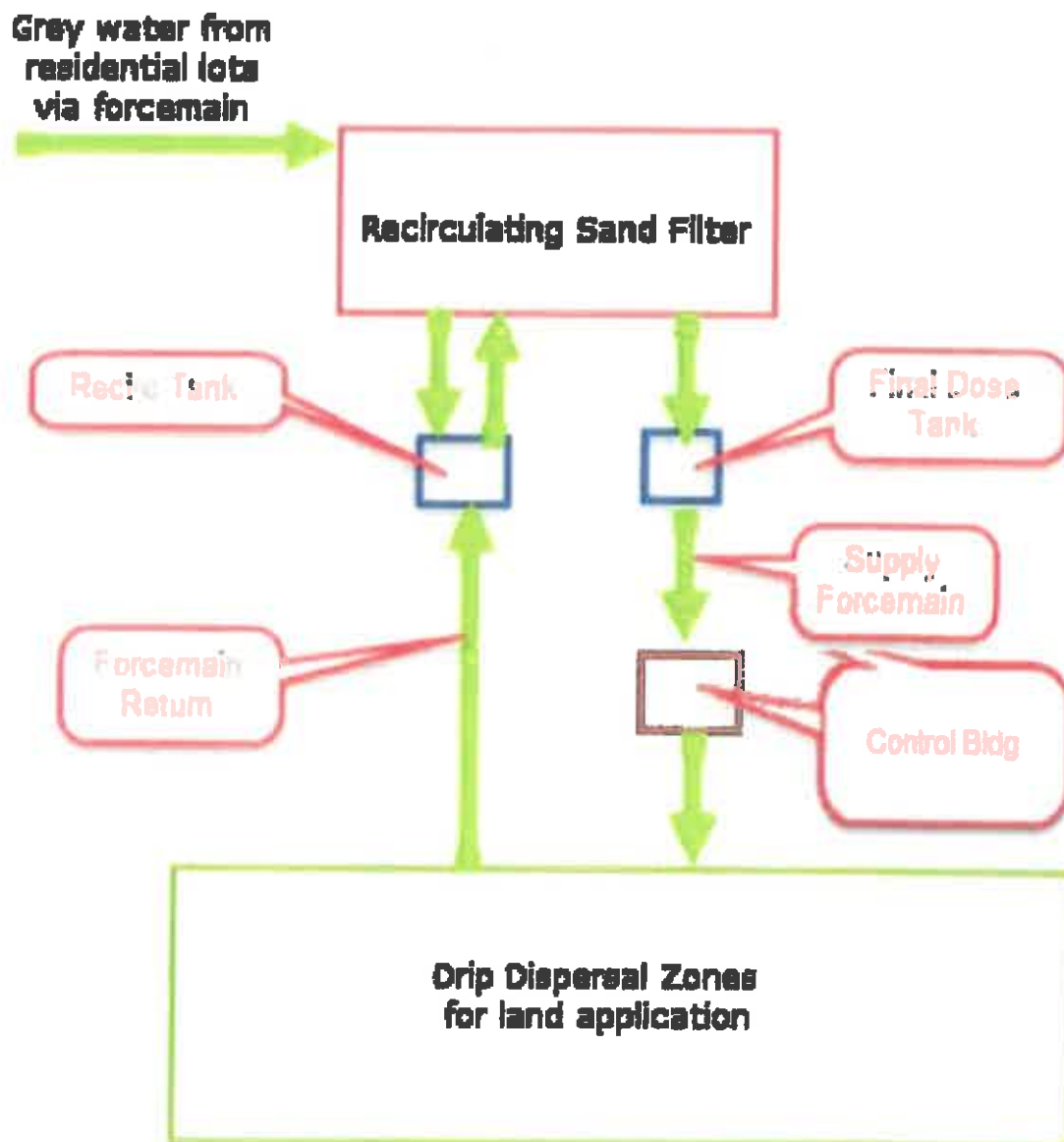
5 gal/S.F./day	
11400 gpd	
Area Req'd	2280 S.F.
Use Filter No.	66' x 46'

8.0 Nature and Type of System

The Oak Plains TF designed for 11,400 GPD wastewater treatment capacity. A Recirculating Media Filter (RMF) (45'x55') will be added as the primary treatment.

Disposal Capacity: This application is proposing to allow for drip disposal soils for land application for approximately 11,400 LF of drip disposal lines (3 zones at 3,800 LF per zone)

9.0 Flow Schematic



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION
WATER AND WASTEWATER OPERATOR CERTIFICATION BOARD

LD. NO.
3085

EXPIRATION DATE
12/31/2021

THIS IS TO CERTIFY THAT:

William Dranes

IS IN GOOD STANDING WITH THE BOARD FOR THE CLASSIFICATIONS
LISTED:

CS2, WW4

EXHIBIT 23A

Confidential

Filed Under Seal

EXHIBIT 23B

Confidential

Filed Under Seal

EXHIBIT 23C

Confidential

Filed Under Seal

Tennessee Wastewater Systems, Inc.
Account Listing
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Account	Type	Acct. #
1072 · Bill.com Money Out Clearing	Bank	1072
131 · Cash	Bank	131
131 · Cash:131.1 · AmSouth - CD	Bank	131.1
131 · Cash:131.14 · FirstBank - Checking	Bank	131.14
131 · Cash:131.15 · FirstBank - Rider Depository	Bank	131.15
131 · Cash:131.16 · FirstBank - CIAC	Bank	131.16
131 · Cash:131.17 · FirstBank - Escrow	Bank	131.17
Accounts Receivable	Accounts Re...	141
141 · Customer A/R	Accounts Re...	141.1
141 · Customer A/R:141.1 · Sewer Service	Accounts Re...	141.12
141 · Customer A/R:141.1 · Sewer Service:141.12 · East TN	Accounts Re...	143
141 · Customer A/R:143 · Bad Debt Reserve	Other Curren...	186.3
186.3 · Regulatory Assets	Other Curren...	186.32
186.3 · Regulatory Assets:186.32 · Legal Recovery Receivable	Other Curren...	186.31
186.3 · Regulatory Assets:186.31 · Enviro Rider Settlement	Other Curren...	99.99
99.99 · Customer Count Offset	Other Curren...	99.01
99.99 · Customer Count Offset:99.01 · Customer Count - Rate Class 1	Other Curren...	99.02
99.99 · Customer Count Offset:99.02 · Customer Count - Rate Class 2	Other Curren...	99.03
99.99 · Customer Count Offset:99.03 · Customer Count - Rate Class 5	Other Curren...	99.04
99.99 · Customer Count Offset:99.04 · Customer Count - Rate Class 6	Other Curren...	99.05
99.99 · Customer Count Offset:99.05 · Customer Count - Rate Class 9	Other Curren...	99.06
99.99 · Customer Count Offset:99.06 · Customer Count - Comm Cabin	Other Curren...	99.07
99.99 · Customer Count Offset:99.07 · Customer Count - Comm w/ Food	Other Curren...	99.08
99.99 · Customer Count Offset:99.08 · Customer Count - Comm Nonfood	Other Curren...	151.00
151.00 · Plant Material & Supplies	Other Curren...	174
174 · Misc. Current and Accrued Asset	Other Curren...	174.2
174 · Misc. Current and Accrued Asset:174.2 · Construction Pass-Maple Green	Other Curren...	174.5
174 · Misc. Current and Accrued Asset:174.5 · UMS Undeposited Funds	Other Curren...	174.6
174 · Misc. Current and Accrued Asset:174.6 · Prepaid Expenses	Fixed Asset	105.0
105.0 · Construction In Process	Fixed Asset	105.1
105.0 · Construction In Process:105.1 · Smoky Village	Fixed Asset	105.2
105.0 · Construction In Process:105.2 · Maple Green	Fixed Asset	105.3
105.0 · Construction In Process:105.3 · Cedar Hill	Fixed Asset	105.4
105.0 · Construction In Process:105.4 · Hidden Springs TDEC Project	Fixed Asset	105.5
105.0 · Construction In Process:105.5 · TDEC Cross Plains Rehab	Fixed Asset	101
101 · Utility Plant in Service	Fixed Asset	353
101 · Utility Plant in Service:353 · Land	Fixed Asset	353.4
101 · Utility Plant in Service:353.4 · Land - Capital Asset	Fixed Asset	354
101 · Utility Plant in Service:354 · Structures & Improv - Capital	Fixed Asset	355
101 · Utility Plant in Service:355 · Structures & Improvements	Fixed Asset	360.5
101 · Utility Plant in Service:360.5 · Sewer Force Main - Capital	Fixed Asset	360
101 · Utility Plant in Service:360 · Collection Sewers-Force	Fixed Asset	361
101 · Utility Plant in Service:361 · Collection Sewers-Gravity	Fixed Asset	380
101 · Utility Plant in Service:380 · Treatment and Disposal Equip	Fixed Asset	390
101 · Utility Plant in Service:390 · Office Furniture & Misc. Equip	Fixed Asset	391
101 · Utility Plant in Service:391 · Transportation Equipment	Fixed Asset	108
108 · Accum. Deprec.-Utility Plant	Fixed Asset	108.1
108.1 · Accum. Deprec.- Equip	Fixed Asset	108.2
108.2 · Accum. Deprec.Cap. - Buildings		

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Account	Type	Acct. #
108.3 · Accum. Deprec.Cap. - Force Main	Fixed Asset	108.3
108.4 · Accum. Deprec.Cap. - Treatment	Fixed Asset	108.4
175 · Security Deposits Paid	Other Asset	175
Deferred Tax Benefits	Other Asset	
231 · Accounts Payable	Accounts Pa...	231
253 · Other Deferred Liabilities	Other Curren...	253
253 · Other Deferred Liabilities:253.1 · Defer Rev - Settlement Tariff	Other Curren...	253.1
253 · Other Deferred Liabilities:253.2 · Deferred CIAC Revenue	Other Curren...	253.2
236.12 · Tax from CIAC	Other Curren...	236.12
2110 · Direct Deposit Liabilities	Other Curren...	2110
241 · Misc. Current & Accrued Liab.	Other Curren...	241
241 · Misc. Current & Accrued Liab.:241.1 · Payroll Liabilities	Other Curren...	241.1
241 · Misc. Current & Accrued Liab.:241.1 · Payroll Liabilities:241.1.6 · Affac Payable	Other Curren...	241.1.6
241 · Misc. Current & Accrued Liab.:241.1 · Payroll Liabilities:241.1.5 · Workers Comp Payable	Other Curren...	241.1.5
241 · Misc. Current & Accrued Liab.:241.1 · Payroll Liabilities:241.1.4 · Simple IRA Payable	Other Curren...	241.1.4
242 · Intercompany Liabilities	Other Curren...	242
242 · Intercompany Liabilities:242.1 · Intercompany-Adenus Group	Other Curren...	242.1
242 · Intercompany Liabilities:242.10 · Intercompany-ALWW	Other Curren...	242.10
242 · Intercompany Liabilities:242.5 · Intercompany-Adenus Operations	Other Curren...	242.5
242 · Intercompany Liabilities:242.6 · Adenus Technologies	Other Curren...	242.6
242 · Intercompany Liabilities:242.7 · Intercompany-Commonwealth	Other Curren...	242.7
242 · Intercompany Liabilities:242.9 · Intercompany Cash	Other Curren...	242.9
232 · Notes Payable	Long Term L...	232
232 · Notes Payable:232.9 · Wilson B&T - (2) Skid Steers	Long Term L...	232.9
232 · Notes Payable:232.10 · Wilson B&T - ETN Truck	Long Term L...	232.10
232 · Notes Payable:232.11 WB&T - Truck	Long Term L...	
232 · Notes Payable:232.12 · FB Environmental Loan - RR	Long Term L...	232.12
232 · Notes Payable:232.13 · Wilson B&T - Bobcat ETN Loan	Long Term L...	232.13
265 · Misc. Operating Reserves	Long Term L...	265
265 · Misc. Operating Reserves:265.1 · Inspection Costs	Long Term L...	265.1
265 · Misc. Operating Reserves:265.2 · Sewer Sys/Comp Repl - Post 2006	Long Term L...	265.2
265 · Misc. Operating Reserves:265.4 · Eudaily Reserve	Long Term L...	265.4
215 · Retained Earnings	Equity	215
271 · Cont. In Aid of Construction	Equity	271
271 · Cont. In Aid of Construction:271.1 · CIAC - Williamson County	Equity	271.1
271 · Cont. In Aid of Construction:271.5 · CIAC -ETN Capital	Equity	271.5
272 · Accum. Amort. on CIAC	Equity	272
400 · Operating Revenues	Income	400
400 · Operating Revenues:521 · Flat Rate Revenues	Income	521
400 · Operating Revenues:521 · Flat Rate Revenues:521.1 · Residential-Flat Sewer	Income	521.1
400 · Operating Revenues:521 · Flat Rate Revenues:521.1 · Residential-Flat Sewer:521.1.1 · Resid...	Income	521.1.1
400 · Operating Revenues:521 · Flat Rate Revenues:521.1 · Residential-Flat Sewer:521.1.2 · Resid...	Income	521.1.2
400 · Operating Revenues:521 · Flat Rate Revenues:521.1 · Residential-Flat Sewer:521.1.3 · Resid...	Income	521.1.3
400 · Operating Revenues:521 · Flat Rate Revenues:521.1 · Residential-Flat Sewer:521.1.4 · Resid...	Income	521.1.4
400 · Operating Revenues:521 · Flat Rate Revenues:521.1 · Residential-Flat Sewer:521.1.5 · Resid...	Income	521.1.5
400 · Operating Revenues:521 · Flat Rate Revenues:521.2 · Commercial Sewer	Income	521.2
400 · Operating Revenues:521 · Flat Rate Revenues:521.2.1 · Commercial Sewer	Income	521.2.1
400 · Operating Revenues:521 · Flat Rate Revenues:521.2 · Commercial Sewer:521.2.2 · Commercial ...	Income	521.2.2
400 · Operating Revenues:521 · Flat Rate Revenues:521.2 · Commercial Sewer:521.2.3 · Commercial ...	Income	521.2.3

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Account	Type	Acct. #
400 · Operating Revenues:522 · Measured Revenues	Income	522
400 · Operating Revenues:522 · Measured Revenues:522.1 · Residential	Income	522.1
400 · Operating Revenues:536 · Other Wastewater Revenues	Income	536
400 · Operating Revenues:536 · Other Wastewater Revenues:536.1 · Sewer Access Fees	Income	536.1
400 · Operating Revenues:536 · Other Wastewater Revenues:536.3 · Operations & Maintenance	Income	536.3
400 · Operating Revenues:536 · Other Wastewater Revenues:536.4 · Billing & Collections	Income	536.4
400 · Operating Revenues:536 · Other Wastewater Revenues:536.5 · Bonding	Income	536.5
400 · Operating Revenues:536 · Other Wastewater Revenues:536.5 · Bonding:536.5.1 · Bonding - Sla...	Income	536.5.1
400 · Operating Revenues:536 · Other Wastewater Revenues:536.5 · Bonding:536.5.2 · Bonding - Goo...	Income	536.5.2
400 · Operating Revenues:536 · Other Wastewater Revenues:536.5 · Bonding:536.5.3 · Bonding - Mil...	Income	536.5.3
400 · Operating Revenues:536 · Other Wastewater Revenues:536.6 · Franchise Income	Income	536.6
400 · Operating Revenues:536 · Other Wastewater Revenues:536.7 · Bloxide	Income	536.7
400 · Operating Revenues:536 · Other Wastewater Revenues:536.9 · Penalty Fees	Income	536.9
400 · Operating Revenues:536 · Other Wastewater Revenues:536.10 · Disconnected/Reconnect Charges	Income	536.10
530 · Guaranteed Revenues	Income	530
419 · Interest Earned	Income	419
421 · Nonutility Income	Income	421
421 · Nonutility Income:421.2 · Gain/Loss on Sale of Assets	Income	421.2
421 · Nonutility Income:421.3 · Utility Fee	Income	421.3
421 · Nonutility Income:421.4 · Professional Services	Income	421.4
421 · Nonutility Income:421.5 · Developer Income	Income	421.5
421 · Nonutility Income:421.7 · Construction Income	Income	421.7
401 · Operating Expenses	Expense	401
401 · Operating Expenses:701.6 · Salary & Wages - Construction	Expense	701.6
401 · Operating Expenses:701 · Salaries and Wages - Employees	Expense	701
401 · Operating Expenses:703 · Salaries and Wages - Officers	Expense	703
401 · Operating Expenses:704 · Employee Benefits	Expense	704
401 · Operating Expenses:704 · Employee Benefits:704.2 · Life Insurance	Expense	704.2
401 · Operating Expenses:704 · Employee Benefits:704.1 · Workers Compensation	Expense	704.1
401 · Operating Expenses:705 · Simple IRA	Expense	705
401 · Operating Expenses:710 · Purchased Wastewater Treatment	Expense	710
401 · Operating Expenses:715 · Purchased Power	Expense	715
401 · Operating Expenses:716 · Telemetry Monitoring	Expense	716
401 · Operating Expenses:718 · Bloxide	Expense	718
401 · Operating Expenses:720 · Materials and Supplies	Expense	720
401 · Operating Expenses:731 · Contractual Svc - Professional	Expense	731
401 · Operating Expenses:735 · Contractual Svc - Testing	Expense	735
401 · Operating Expenses:736 · Contractual Services	Expense	736
401 · Operating Expenses:736 · Contractual Services:736.01 · Sign-up Costs	Expense	736.01
401 · Operating Expenses:736 · Contractual Services:736.02 · Contract Maintenance	Expense	736.02
401 · Operating Expenses:736 · Contractual Services:736.03 · Contractual Svc	Expense	736.03
401 · Operating Expenses:736 · Contractual Services:736.04 · Subcontract Work	Expense	736.04
401 · Operating Expenses:736 · Contractual Services:736.05 · Access Fees	Expense	736.05
401 · Operating Expenses:736 · Contractual Services:736.08 · Lawn Mowing	Expense	736.08
401 · Operating Expenses:736 · Contractual Services:736.10 · One-Call Expenses	Expense	736.10
401 · Operating Expenses:736 · Contractual Services:736.11 · Contractual Profit Sharing	Expense	736.11
401 · Operating Expenses:736 · Contractual Services:736.12 · AUG - MGMT Fees	Expense	736.12
401 · Operating Expenses:736 · Contractual Services:736.13 · IT Expenses	Expense	736.13
401 · Operating Expenses:736 · Contractual Services:736.9 · Aderus Group - MGMT Fees	Expense	736.9

Tennessee Wastewater Systems, Inc.

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Account	Type	Acct. #
401 - Operating Expenses:740 - Rent	Expense	740
401 - Operating Expenses:750 - Transportation Expense	Expense	750
401 - Operating Expenses:750 - Transportation Expense:750.3 - Registration Renewal	Expense	750.3
401 - Operating Expenses:750 - Transportation Expense:750.1 - Fuel	Expense	750.1
401 - Operating Expenses:750 - Transportation Expense:750.2 - Vehicle Maintenance	Expense	750.2
401 - Operating Expenses:755 - Insurance	Expense	755
401 - Operating Expenses:755 - Insurance:755.10 - Dental Insurance	Expense	755.10
401 - Operating Expenses:755 - Insurance:755.8 - Auto Insurance	Expense	755.8
401 - Operating Expenses:755 - Insurance:755.9 - Health Insurance	Expense	755.9
401 - Operating Expenses:765 - Regulatory Commission Exp.	Expense	765
401 - Operating Expenses:765 - Regulatory Commission Exp.:765.1 - Rate Case Work	Expense	765.1
401 - Operating Expenses:765 - Regulatory Commission Exp.:765.2 - Filing Fee	Expense	765.2
401 - Operating Expenses:765 - Regulatory Commission Exp.:765.3 - Inspection Fee	Expense	765.3
401 - Operating Expenses:770 - Bad Debt	Expense	770
401 - Operating Expenses:775 - Miscellaneous Expenses	Expense	775
401 - Operating Expenses:775 - Miscellaneous Expenses:DVF Misc Account	Expense	775.21
401 - Operating Expenses:775 - Miscellaneous Expenses:775.21 - Website and Internet Hosting	Expense	775.21
401 - Operating Expenses:775 - Miscellaneous Expenses:775.27 - Equipment Maintenance	Expense	775.27
401 - Operating Expenses:775 - Miscellaneous Expenses:775.28 - Equipment Rental	Expense	775.28
401 - Operating Expenses:775 - Miscellaneous Expenses:775.25 - Small Equipment Purchase	Expense	775.25
401 - Operating Expenses:775 - Miscellaneous Expenses:775.1 - Telephone	Expense	775.1
401 - Operating Expenses:775 - Miscellaneous Expenses:775.10 - Office Supplies	Expense	775.10
401 - Operating Expenses:775 - Miscellaneous Expenses:775.11 - Letter of Credit - Fees	Expense	775.11
401 - Operating Expenses:775 - Miscellaneous Expenses:775.11 - Letter of Credit - Fees:775.111 - ...	Expense	775.111
401 - Operating Expenses:775 - Miscellaneous Expenses:775.11 - Letter of Credit - Fees:775.112 - ...	Expense	775.112
401 - Operating Expenses:775 - Miscellaneous Expenses:775.11 - Letter of Credit - Fees:775.113 - ...	Expense	775.113
401 - Operating Expenses:775 - Miscellaneous Expenses:775.12 - Depreciation Expense	Expense	775.12
401 - Operating Expenses:775 - Miscellaneous Expenses:775.13 - Easement Fees	Expense	775.13
401 - Operating Expenses:775 - Miscellaneous Expenses:775.2 - Postage	Expense	775.2
401 - Operating Expenses:775 - Miscellaneous Expenses:775.20 - Software Licenses	Expense	775.20
401 - Operating Expenses:775 - Miscellaneous Expenses:775.23 - Maintenance Agreements	Expense	775.23
401 - Operating Expenses:775 - Miscellaneous Expenses:775.3 - Licenses & Permits	Expense	775.3
401 - Operating Expenses:775 - Miscellaneous Expenses:775.4 - Membership Dues	Expense	775.4
401 - Operating Expenses:775 - Miscellaneous Expenses:775.5 - Deed Registration	Expense	775.5
401 - Operating Expenses:775 - Miscellaneous Expenses:775.6 - Franchise Fees	Expense	775.6
401 - Operating Expenses:775 - Miscellaneous Expenses:775.7 - Public Notice Costs	Expense	775.7
401 - Operating Expenses:775 - Miscellaneous Expenses:775.8 - Interest on Customer Deposits	Expense	775.8
401 - Operating Expenses:775 - Miscellaneous Expenses:775.9 - Billing Costs	Expense	775.9
408 - Taxes Other than Income	Expense	408
408 - Taxes Other than Income:408.1 - Property Taxes	Expense	408.1
408 - Taxes Other than Income:408.3 - Franchise & Excise	Expense	408.3
408 - Taxes Other than Income:408.4 - Labor & Workforce Dev.	Expense	408.4
408 - Taxes Other than Income:408.5 - Personal Privilege Tax	Expense	408.5
408 - Taxes Other than Income:408.6 - Public Utility	Expense	408.6
408 - Taxes Other than Income:408.7 - Tax Penalties	Expense	408.7
408 - Taxes Other than Income:408.12 - Payroll Taxes	Expense	408.12
408 - Income Tax	Expense	408
426 - Misc. Nonutility Expenses	Expense	426
426 - Misc. Nonutility Expenses:426.8 - Penalties/Fines	Expense	426.8

Tennessee Wastewater Systems, Inc.
Account Listing
February 8, 2021

2:05 PM
02/08/21

Account	Type	Acct. #
426 · Misc. Nonutility Expenses:246.91 · Lodging	Expense	246.91
426 · Misc. Nonutility Expenses:426.9 · Meals and Entertainment	Expense	426.9
426 · Misc. Nonutility Expenses:426.1 · Dues and Subscriptions	Expense	426.1
426 · Misc. Nonutility Expenses:426.2 · Bank & NSF Fees	Expense	426.2
426 · Misc. Nonutility Expenses:426.3 · Miscellaneous	Expense	426.3
426 · Misc. Nonutility Expenses:426.4 · Parking	Expense	426.4
426 · Misc. Nonutility Expenses:426.5 · Developer Income Reimbursement	Expense	426.5
426 · Misc. Nonutility Expenses:426.7 · Construction Expense	Expense	426.7
427 · Interest Expense	Expense	427
427 · Interest Expense:427.1 · Interest on Debt to Associated	Expense	427.1
427 · Interest Expense:427.2 · Loan Interest	Expense	427.2
427 · Interest Expense:427.5 · Sewer Deposit Interest	Expense	427.5
66900 · Reconciliation Discrepancies	Expense	66900
421.6 · Misc. Income	Other Income	421.6
90100 · Purchase Orders	Non-Posting	90100
90200 · Sales Orders	Non-Posting	90200

EXHIBIT 26

Confidential

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EXHIBIT 28

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Tennessee Wastewater Systems, Inc.

TPUC No. 2
Section 4
Original Page 1**WASTEWATER UTILITY SERVICE****SECTION 4 – RESIDENTIAL RATES SHEET**

	Base	Escrow	Bonding	Environmental Rider	Legal Rider	Total
Rate Class 1	\$ 40.48(I)	\$ 7.27	\$0.11	\$3.76	\$0.45	\$ 52.07(I)
Rate Class 2	\$ 40.48(I)	\$ 7.27	\$0.11	\$3.76	\$0.45	\$ 52.07(I)
Rate Class 5	\$ 36.66(I)	\$ 5.69	\$0.11	\$3.76	\$0.45	\$ 46.67(I)
Rate Class 6	\$ 36.66(I)	\$ 5.69	\$0.11	\$3.76	\$0.45	\$ 46.67(I)
Rate Class 9	\$ 20.55	\$ 3.39	\$0.11	\$3.76	\$0.45	\$ 28.26*

* Southridge customers will have a pass-through treatment cost assessed to their monthly bill. The pass-through treatment cost is calculated using the water meter meter readings as provided to TWSI by the East Montgomery Water Co. and the multiplier charged by TWSI by Clarksville Water and Gas to provide wastewater treatment. This cost will be filed annually with TPUC in June and effective upon approval. The current pass through treatment cost is 0.0104639184 per gallon.

** Each condominium unit will be billed as a residential customer and be individually billed. (N)

*** Customers in the City of Coopertown will be billed a 3% franchise fee (applied to the base rate only). (T)(M) from Section 4, Fifteenth Revised Page 2

**** The bonding fee will be updated with an annual filing with TPUC in August and effective upon approval. (T)

Fees: (M) from Section 4, Fifteenth Revised Page 2

Non-Payment – 5% of total bill amount

Disconnection – \$40

Reconnection – \$50

Returned Check (NSF Fee) – \$25

Returned ACH - \$25 (T)(N)

Capacity Reservation Fee – \$10 per month (See Rules and Regulations for Explanation) (T)(N)

Credit Card Convenience Fee: 3%

City of Coopertown Franchise Fees: 3%

Replaces Section 4, Fifteenth Revised Page 1 and Fifteenth Revised Page 2. (D)

Issued: May 14, 2020

Effective: July 1, 2020

Issued by: Matthew Nicks, President

WASTEWATER UTILITY SERVICE

<u>Service Territory</u>	<u>County</u>	<u>TPUC Docket #</u>	<u>Rate Class</u>
Smokey Mountain Reflections RV Park	Sevier	07-00235	RATE CLASS 1
Milky Way Farms	Giles	08-00029	RATE CLASS 1
Preserve Condominiums	DeKalb	08-00113	RATE CLASS 1
Tarpley Shop Utility District	Giles	08-00161	RATE CLASS 5
Lakeside Meadows	Monroe	08-00162	RATE CLASS 1
Fairway Vistas	Blount	08-00163	RATE CLASS 1
Saddle Ridge	Monroe	08-00209	RATE CLASS 1
Scenic River	Monroe	09-00006	RATE CLASS 1
Preserve at Eagle Rock	Hamblen	09-00007	RATE CLASS 1
Bluff at Bradbury Farms	Montgomery	11-00155	RATE CLASS 1
Scales Project	Williamson	14-00006	RATE CLASS 1
Clovercroft Farms/Clovercroft Wells TF			
Clovercroft Preserve	Williamson	14-00062	RATE CLASS 1
Clovercroft Acres/Clovercroft Tulloss TF			
Enclave at Dove Lake	Williamson	15-00025	RATE CLASS 1
Lighthouse Pointe	Grainger	17-00146	RATE CLASS 1
Warrioto Hills	Montgomery	18-00107	RATE CLASS 1
Chelsea's Way	Robertson	19-00030	RATE CLASS 1
Oak Plains	Montgomery	XX-XXXXXX	RATE CLASS 1 (T)

Issued: February 12, 2021
Issued By: Matthew Nicks, President

Effective:

EXHIBIT 31

Confidential

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