



851 Aviation Parkway
Smyrna, TN 37167

RECEIVED
2019 MAR -4 PM 3:12
T.P.U.C. DOCKET ROOM

February 28, 2019

19-00029

Hon. Robin Morrison, Chairman
c/o Sharla Dillon
Tennessee Public Utilities Commission
502 Deaderick Street, 4th Floor
Nashville, TN 37243

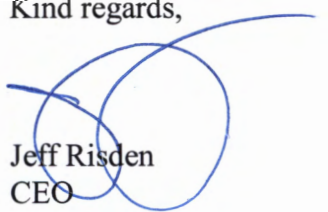
RE: Petition to Amend Certificate of Convenience and Necessity

Dear Chairman Morrison,

Enclosed, please find an original and four (4) copies of Tennessee Wastewater Systems, Inc.'s Petition to Amend Its Certificate of Convenience and Necessity to add a location in Williamson County called Ozburn Farms. Also enclosed is the filing fee of \$25.

Please let me know if you have any questions or if I can be of further assistance.

Kind regards,


Jeff Risdien
CEO

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

IN RE:	)	
	)	
PETITION OF TENNESSEE	)	
WASTEWATER SYSTEMS, INC., TO	)	DOCKET NO. 19-00029
AMEND ITS CERTIFICATE OF	)	
CONVENIENCE AND NECESSITY	)	

PETITION TO AMEND CERTIFICATE OF CONVENIENCE AND NECESSITY

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 Williamson County known as Ozburn Farms. TWSI was granted an amendment to its CCN in Docket 15-00025 for the Enclave at Dove Lake. Ozburn Farms is the neighboring property immediately to the south.

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 – It is not known at this time what exact transactions will occur between affiliated companies as it relates to this project outside of Adenus Technologies providing panels and telemetry monitoring to the system (as it does all other TWSI systems). No affiliate will be involved in the construction of any part of the wastewater system.**
5. **Articles of Incorporation – See Exhibit 5**
6. **Tennessee Business License – See Exhibit 6**
7. **Description of Geographic Territory – The Ozburn Farms Subdivision is located at 7668 Nolensville Road in Williamson County. It is comprised of 167.96 acres. The wastewater facilities will be known as Ozburn TF. See Exhibit 7 for a Map of the location and detail for location of lots to be served and wastewater facilities.**
8. **Description of the Proposed Wastewater System – The proposed system is comprised of a watertight effluent pressure collection system, utilizing STEP tanks and a sand filter treatment system to handle design flows from 99 residential lots and 2 additional taps for an amenity center for a total capacity of 30,300 gpd.**
9. **Estimated Dates for commencement and completion of construction – Presently there are no estimated dates for construction. Williamson County requires that a development have a CCN prior to presentation to the County for consideration. This project is at the very beginning stages of planning**

and the timing of construction will depend largely upon how quickly this project can get through the County and obtain all its approvals and permits.

10. **Phases/Houses per Phase** – The development is planned for 99 residential lots and an amenity center (2 taps).
11. **Builder/Developer Identity** – Hines Acquisitions, LLC 11512 Lake Mead Ave. Suite 503, Jacksonville, FL 322565.

Existence of Public Need and Property Rights

12. **Letters from local governments and utilities** – See Exhibits 12A and 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 certified wastewater provider in the State of Tennessee. It's parent company Adenus Group, LLC owns certified wastewater providers in Alabama, Ohio, and Kentucky.
17. **Merger/Acquisition** – n/a
18. **Treatment System Contractor** – At the time of filing, a company has not been identified or contracted with to build the system. The contractor will be hired by the developer to construct the system to State and TWSI specifications.

Technical Ability:

19. **SOP Application/Permit** – See Exhibit 19
20. **State Operator Certificate** – See Exhibit 20
21. **TWSI Contact Person:**

Matthew Nicks
Tennessee Wastewater Systems, Inc.

22. **Engineering Certification** –The system has not been constructed at this time. The certification will be filed in this docket once the system is accepted by TWSI.

Financial Capability:

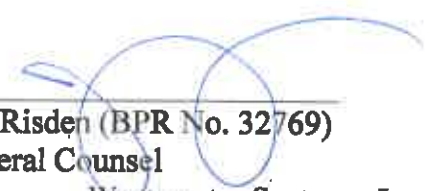
23. **Financial Statements** – See Exhibit 23
24. **Pro Forma** (Three years of operations) – TWSI is starting a staff assisted rate review. As a result, any pro forma put forth will not be an accurate representation of the company's financial position in the coming years. With over 3000 customers, the addition of 100 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. This is a rough estimate of what the cost may be to build this system. TWSI is not involved in the bidding of the project or the selection of the contractor to build the system. Final cost of the treatment system conveyed to TWSI will be provided to the Commission in this docket.
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 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 Ozburn Farms.
31. **Five Year Build Out Estimate of Development** – See Exhibit 31
32. **Municipal Bonding Requirements** – See Exhibit 32
33. **Performance Bond** – Performance bond will be provided in this docket once received from the contractor.
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 Ozburn Farms Subdivision, 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 Ridsen, CEO

Matthew Nicks, President

Thomas Pickney, Secretary

William Pickney, Treasurer

Marshall Fall, CTO

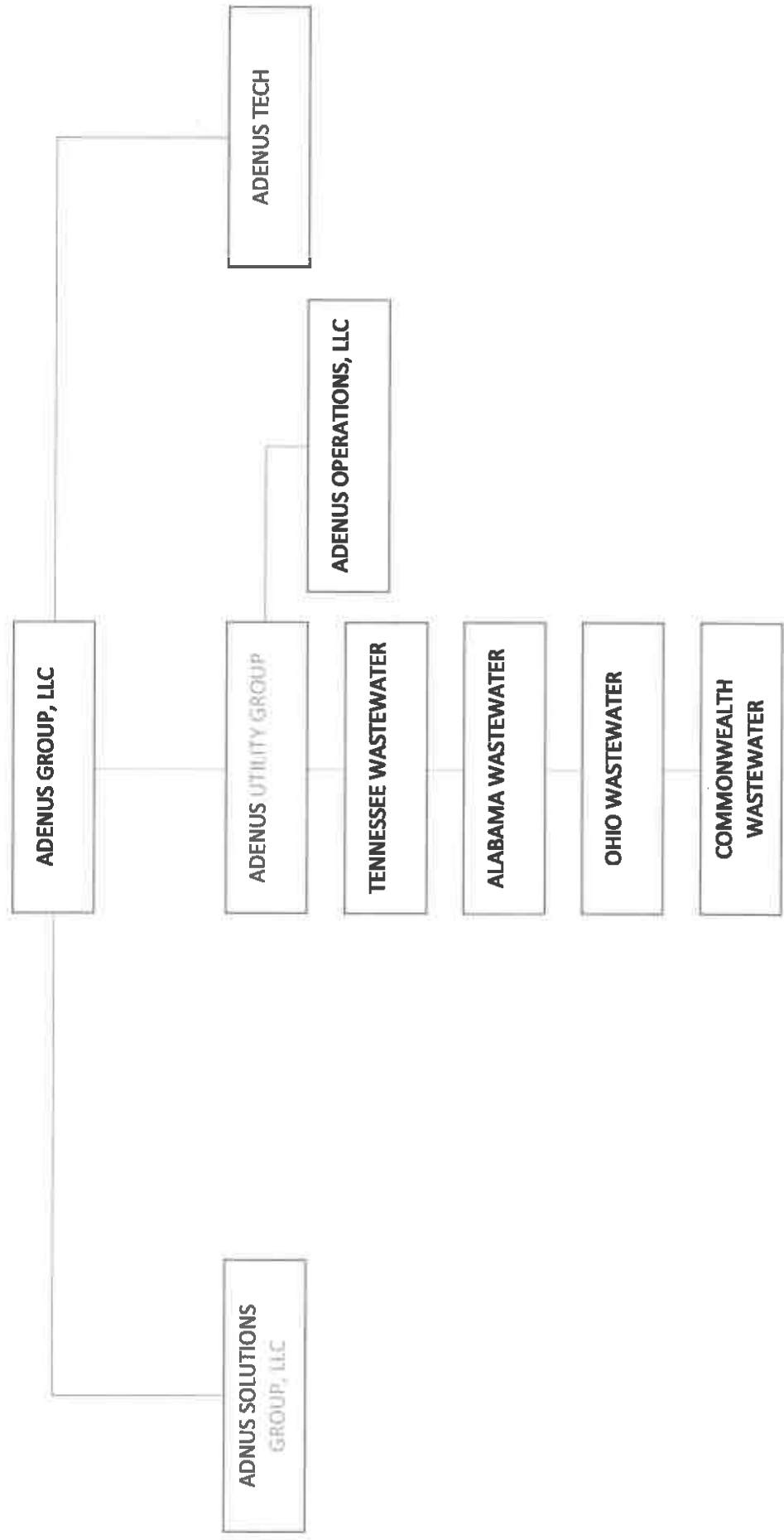
Suzanne Christman, Controller

Billy Dranes, Operations Manager, Middle TN

John Norton, Operations Manager, East TN

EX. 4

ADENUS GROUP, LLC
AFFILIATE
ORGANIZATIONAL CHART



EX. 5

State of Tennessee



Department of State
Corporate Filings
312 Eighth Avenue North
6th Floor, William R. Snodgrass Tower
Nashville, TN 37243

ARTICLES OF AMENDMENT
TO THE CHARTER
(For-Profit)

FILED
2003 JUL -7 PM 2:34
RILEY DARNALL
SECRETARY OF STATE

CORPORATE CONTROL NUMBER (IF KNOWN) 0263854

PURSUANT TO THE PROVISIONS OF SECTION 48-20-106 OF THE TENNESSEE BUSINESS CORPORATION ACT, THE UNDERSIGNED CORPORATION ADOPTS THE FOLLOWING ARTICLES OF AMENDMENT TO ITS CHARTER:

1. PLEASE INSERT THE NAME OF THE CORPORATION AS IT APPEARS OF RECORD:

ON-SITE SYSTEMS, INC.

IF CHANGING THE NAME, INSERT THE NEW NAME ON THE LINE BELOW:

TENNESSEE Wastewater Systems, Inc.

2. PLEASE MARK THE BLOCK THAT APPLIES:

- ☒ AMENDMENT IS TO BE EFFECTIVE WHEN FILED BY THE SECRETARY OF STATE.
☐ AMENDMENT IS TO BE EFFECTIVE, _____ (MONTH, DAY, YEAR)

(NOT TO BE LATER THAN THE 90TH DAY AFTER THE DATE THIS DOCUMENT IS FILED.) IF NEITHER BLOCK IS CHECKED, THE AMENDMENT WILL BE EFFECTIVE AT THE TIME OF FILING.

3. PLEASE INSERT ANY CHANGES THAT APPLY:

- A. PRINCIPAL ADDRESS: _____ STREET ADDRESS
CITY STATE/COUNTY ZIP CODE
B. REGISTERED AGENT: _____
C. REGISTERED ADDRESS: _____ STREET ADDRESS
CITY TN STATE ZIP CODE COUNTY
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 June 30, 2003 (MONTH, DAY, YEAR)
BY (Please mark 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

Charles L. Pickney, Jr.
SIGNATURE

DATE

Charles L. Pickney, Jr.
NAME OF SIGNER (TYPED OR PRINTED)

EX. 6



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
849 AVIATION PARKWAY
SMYRNA, TN 37167

February 20, 2019

Request Type: Certificate of Existence/Authorization
Request #: 0306463

Issuance Date: 02/20/2019
Copies Requested: 1

Document Receipt

Receipt #: 004556561

Filing Fee: \$20.00

Payment-Credit Card - State Payment Center - CC #: 3750641123

\$20.00

Regarding: TENNESSEE WASTEWATER SYSTEMS, INC.

Filing Type: For-profit Corporation - Domestic

Control #: 263854

Formation/Qualification Date: 03/16/1993

Date Formed: 03/16/1993

Status: Active

Formation Locale: TENNESSEE

Duration Term: Perpetual

Inactive Date:

Business County: RUTHERFORD COUNTY

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 #: 031955628

Ozburn Farm

7668 Nolensville Road

Wastewater System Site Plan

Williamson County, Tennessee

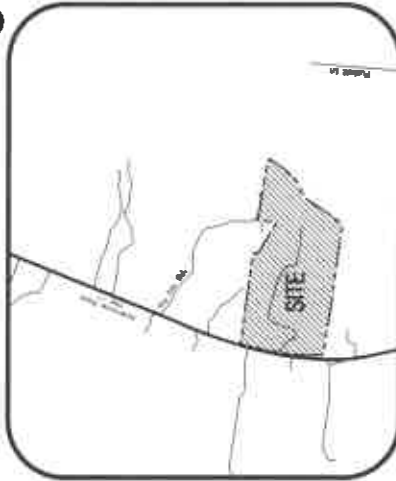
SOP No. _____
Construction Drawings

Drawing Index

Sheet No.	Title
C0.0	Cover Sheet
C0.1	Master Site Plan
C1.0-C1.2	Site Plan
C2.0	Grading & Drainage Plan
C3.0-C3.3	Cross Sections
C4.0	Master Plan
C5.0	Scale Map
C6.0	Notes & Details
C6.1-6.7	Details

S.P.C., Inc. SITE ENGINEERING CONSULTANTS
ENGINEERING AND ARCHITECTURE
1000 N. 10TH ST., SUITE 100
NASHVILLE, TENNESSEE 37203
PHONE (615) 255-1111 FAX (615) 255-1111
WWW.SPECINC.COM

By James F. Reed III, P.E., P.L.S. TN Reg. #1010088
Date: _____



Site Location Map
Not To Scale
Watershed: Arington Creek

NOTES:

- The site plan has been prepared for the address of the site and is not intended to be used for any other purpose. The site plan is not intended to be used for any other purpose.
- Within the Nolensville Road watershed, there shall be no clearing, grading, or construction of vegetation.
- This project has been prepared in accordance with the requirements of the Williamson County Zoning Ordinance for the Nolensville Road watershed. The project is not intended to be used for any other purpose.
- The site plan is not intended to be used for any other purpose.
- All existing buildings to be removed.
- All components of the Nolensville Road watershed are as shown on the map.

Owner:

Ozburn Farm LLC
7668 Nolensville Road
Williamson County, TN 37064

Developer:

Harris Engineering, LLC
400 White Oak Drive
10000 Nolensville Road, Suite 100
Nashville, TN 37203

Floodplain Note:

The Nolensville Road watershed is located in the 100 Year Floodplain per the Flood Insurance Rate Map (FIRM) for Williamson County, TN.

Land Data:

2000 USGS Floodplain Map (FIRM) for Williamson County, TN.

Deed Reference:

The property address is located in the 100 Year Floodplain per the Flood Insurance Rate Map (FIRM) for Williamson County, TN.

Proposed Use:

Wastewater Treatment Plant

S.T.E.P. System Data:

Design Flow = 0.05 MGD
Design Depth = 1.0 ft
Design Velocity = 2.0 ft/sec
Design Slope = 0.001 ft/ft

Approved by the Williamson County Planning Commission, with such conditions as are indicated in the resolution of the Commission on 11/11/11.

Contacts:

William Williamson
Williamson County Board of Commissioners
10000 Nolensville Road
Nashville, TN 37203
Phone: (615) 255-1111
Fax: (615) 255-1111
E-mail: wwilliamson@wcc-tn.gov

Engineers/Architects:

Harris Engineering, LLC
400 White Oak Drive
10000 Nolensville Road, Suite 100
Nashville, TN 37203
Phone: (615) 255-1111
Fax: (615) 255-1111
E-mail: harris@harriseng.com

County Engineer:

William Williamson
Williamson County Engineering Dept.
10000 Nolensville Road
Nashville, TN 37203
Phone: (615) 255-1111
Fax: (615) 255-1111
E-mail: wwilliamson@wcc-tn.gov

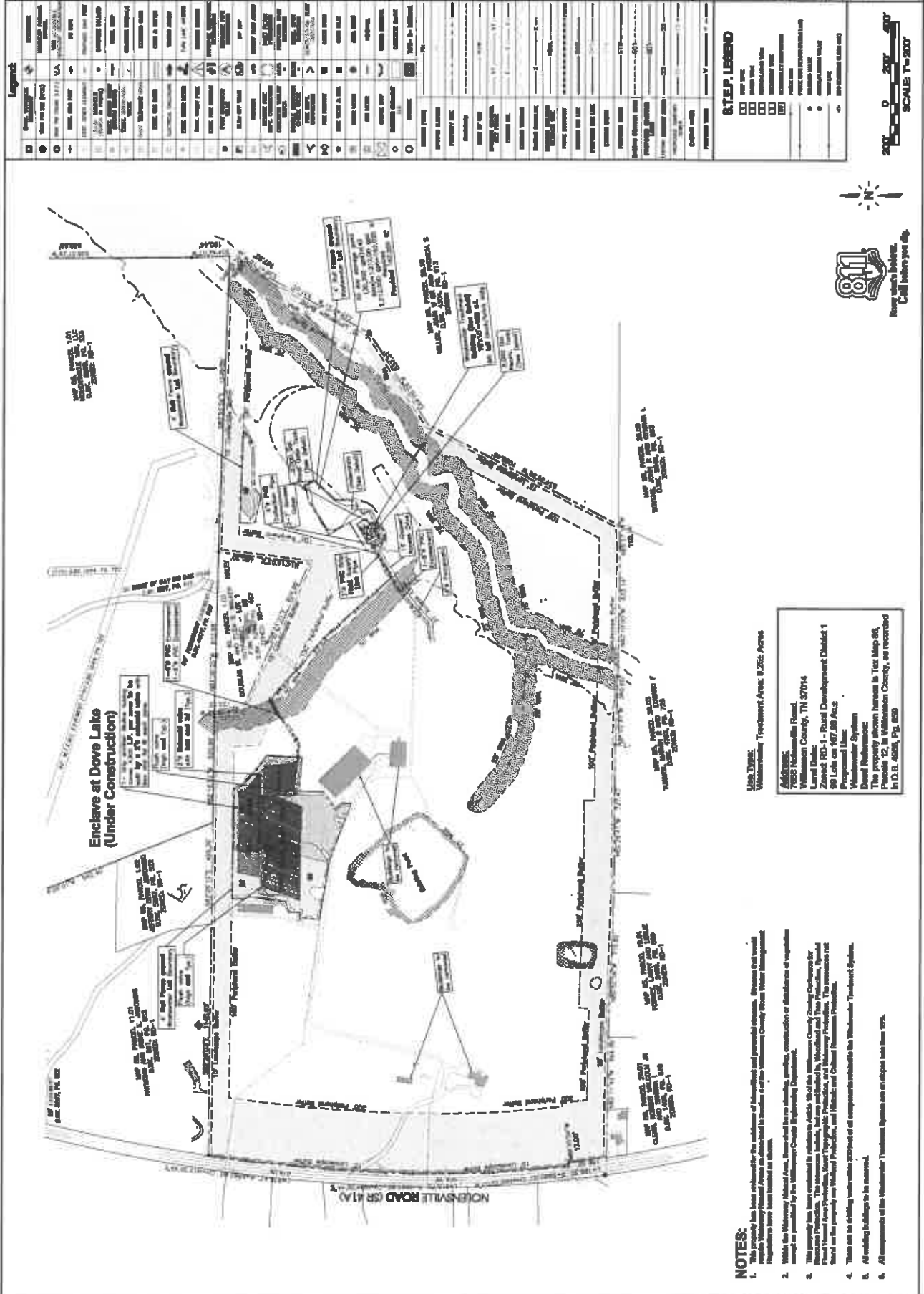
Metropolitan Planning Commission:

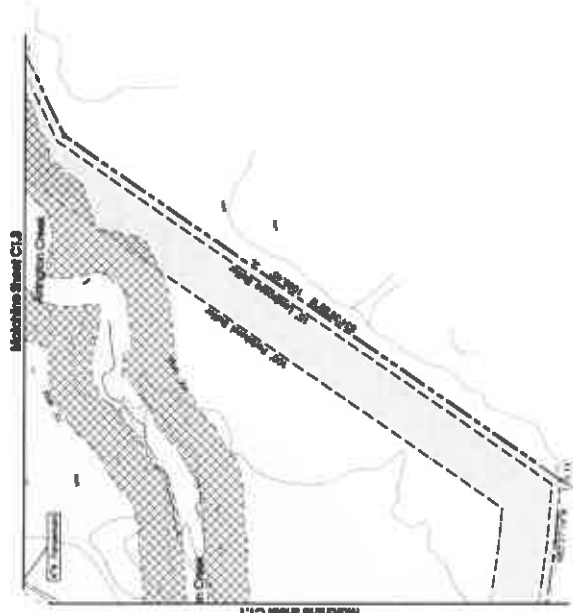
Metropolitan Planning Commission
10000 Nolensville Road
Nashville, TN 37203
Phone: (615) 255-1111
Fax: (615) 255-1111
E-mail: mpc@mpc-tn.gov

Tennessee Department of Transportation:

Tennessee Department of Transportation
10000 Nolensville Road
Nashville, TN 37203
Phone: (615) 255-1111
Fax: (615) 255-1111
E-mail: tdot@tdot-tn.gov

Sheet C0.0
Ozburn Farm
S.T.E.P. Project #1010088
Date: 1-24-16





Name	L.A. Ship	Production		New Ship L.A.		No. at Sea
		1977	1978	1977	1978	
Shirley	4279	11	206	100	25200	
Shirley	4280	4999	11	101	100	10000
Shirley	4281	1.8	206	207	20000	
Shirley	4282	11	100	100	10000	
Shirley	4283	11	100	101	20000	
Shirley	4284	21	100	100	20000	

Self-Insured		Average Policy
Initial		0.7%
1st		1.3%
10th		0.6%
Final		0.6%

Usage Type:
Wastewater Treatment Area: 0.25t Acres

Address:
7080 Nolensville Road,
Williamson County, TN 37014

Land Data:
Zoning: RD-1 - Rural Development District 1
So Lot: on 167.95 Ac.±
Proposed Use:
Watermeter System
Dred. Reference:
The property shown herein is Tax Map 86,
Parcel 12, in Williamson County, as recorded
in D.B. 12-1-1000.

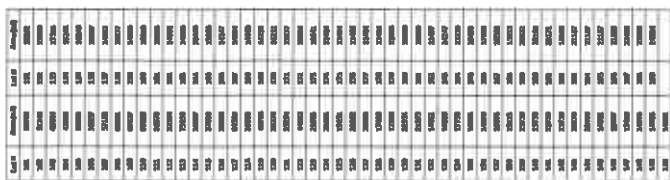


801
Every state's better.
Call before you dig.

- NOTES:**
1. This property has been evaluated for the existence of hazardous and potential diseases. Results that would require Wastewater Treatment Units are provided in Section 4 of the Williamson County Storm Water Management Study Report dated June 10, 2008.
 2. Within the Williamson National Area, there are no air clearing, grading, construction or disturbance of vegetation except as permitted by the Williamson County Engineering Department.
 3. The property has been evaluated in relation to Article 19 of the Williamson County Zoning Ordinance for Special Purpose Properties. The property includes, but is not limited to, Woodland and Tree Plantation, Special Purpose Properties, Agricultural Land, Forest Land, Wetlands, Pasture Land, and other properties not listed based on the property use Manual Publication, and Wildlife and Cultural Resources Protection.
 4. There are no existing wells within 200 feet of all components related to the Wastewater Treatment System.
 5. All existing buildings to be removed.
 6. All contents of the Williamson Treatment System are shown on sheet WS-25A.

Year	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100																																																																																																																																																																																																																																																																																																			
Population (millions)	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.8	10.9	11.0	11.1	11.2	11.3	11.4	11.5	11.6	11.7	11.8	11.9	12.0	12.1	12.2	12.3	12.4	12.5	12.6	12.7	12.8	12.9	13.0	13.1	13.2	13.3	13.4	13.5	13.6	13.7	13.8	13.9	14.0	14.1	14.2	14.3	14.4	14.5	14.6	14.7	14.8	14.9	15.0	15.1	15.2	15.3	15.4	15.5	15.6	15.7	15.8	15.9	16.0	16.1	16.2	16.3	16.4	16.5	16.6	16.7	16.8	16.9	17.0	17.1	17.2	17.3	17.4	17.5	17.6	17.7	17.8	17.9	18.0	18.1	18.2	18.3	18.4	18.5	18.6	18.7	18.8	18.9	19.0	19.1	19.2	19.3	19.4	19.5	19.6	19.7	19.8	19.9	20.0	20.1	20.2	20.3	20.4	20.5	20.6	20.7	20.8	20.9	21.0	21.1	21.2	21.3	21.4	21.5	21.6	21.7	21.8	21.9	22.0	22.1	22.2	22.3	22.4	22.5	22.6	22.7	22.8	22.9	23.0	23.1	23.2	23.3	23.4	23.5	23.6	23.7	23.8	23.9	24.0	24.1	24.2	24.3	24.4	24.5	24.6	24.7	24.8	24.9	25.0	25.1	25.2	25.3	25.4	25.5	25.6	25.7	25.8	25.9	26.0	26.1	26.2	26.3	26.4	26.5	26.6	26.7	26.8	26.9	27.0	27.1	27.2	27.3	27.4	27.5	27.6	27.7	27.8	27.9	28.0	28.1	28.2	28.3	28.4	28.5	28.6	28.7	28.8	28.9	29.0	29.1	29.2	29.3	29.4	29.5	29.6	29.7	29.8	29.9	30.0	30.1	30.2	30.3	30.4	30.5	30.6	30.7	30.8	30.9	31.0	31.1	31.2	31.3	31.4	31.5	31.6	31.7	31.8	31.9	32.0	32.1	32.2	32.3	32.4	32.5	32.6	32.7	32.8	32.9	33.0	33.1	33.2	33.3	33.4	33.5	33.6	33.7	33.8	33.9	34.0	34.1	34.2	34.3	34.4	34.5	34.6	34.7	34.8	34.9	35.0	35.1	35.2	35.3	35.4	35.5	35.6	35.7	35.8	35.9	36.0	36.1	36.2	36.3	36.4	36.5	36.6	36.7	36.8	36.9	37.0	37.1	37.2	37.3	37.4	37.5	37.6	37.7	37.8	37.9	38.0	38.1	38.2	38.3	38.4	38.5	38.6	38.7	38.8	38.9	39.0	39.1	39.2	39.3	39.4	39.5	39.6	39.7	39.8	39.9	40.0	40.1	40.2	40.3	40.4	40.5	40.6	40.7	40.8	40.9	41.0	41.1	41.2	41.3	41.4	41.5	41.6	41.7	41.8	41.9	42.0	42.1	42.2	42.3	42.4	42.5	42.6	42.7	42.8	42.9	43.0	43.1	43.2	43.3	43.4	43.5	43.6	43.7	43.8	43.9	44.0	44.1	44.2	44.3	44.4	44.5	44.6	44.7	44.8	44.9

Legend: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50px; text-align: center;">○</td> <td>WATER MAIN</td> </tr> <tr> <td style="width: 50px; text-align: center;">●</td> <td>SEWER MAIN</td> </tr> <tr> <td style="width: 50px; text-align: center;">□</td> <td>WATER VALVE</td> </tr> <tr> <td style="width: 50px; text-align: center;">■</td> <td>SEWER VALVE</td> </tr> <tr> <td style="width: 50px; text-align: center;">△</td> <td>WATER METER</td> </tr> <tr> <td style="width: 50px; text-align: center;">▽</td> <td>SEWER METER</td> </tr> <tr> <td style="width: 50px; text-align: center;">◇</td> <td>WATER CLEANOUT</td> </tr> <tr> <td style="width: 50px; text-align: center;">◇</td> <td>SEWER CLEANOUT</td> </tr> <tr> <td style="width: 50px; text-align: center;">◇</td> <td>WATER HYDRANT</td> </tr> <tr> <td style="width: 50px; text-align: center;">◇</td> <td>SEWER HYDRANT</td> </tr> <tr> <td style="width: 50px; text-align: center;">◇</td> <td>WATER TIE-IN</td> </tr> <tr> <td style="width: 50px; 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Season	L.R. depth	1997-2000 mean $\pm$ SE			SE, N
		total fish	White Sturgeon L.R.	other Sturgeon L.R.	
Season 1	4000	35	1000	1000	1000
Season 2	4000	35	1000	1000	1000
Season 3	4000	35	1000	1000	1000
Season 4	4000	35	1000	1000	1000
Season 5	4000	35	1000	1000	1000
Season 6	4000	35	1000	1000	1000
Season 7	4000	35	1000	1000	1000
Season 8	4000	35	1000	1000	1000
Season 9	4000	35	1000	1000	1000
Season 10	4000	35	1000	1000	1000

[illegible]

Address:
7000 Nolansville Road,
Williamson County, TN 37014

Land Data:
Zone: RD-1 - Rural Development District 1
900 Lots on 167.95 Ac.±

Proposed Use:
Wastewater System

Watermaster:
David Holloman:

The property shown hereon is Tract Map 86,
Parcel 12, in Williamson County, as recorded
in D.B. 4660, Pg. 659



**Know what's below.
Call before you dig.**



SCALE 1"=100'

613

LOW RISK

Ozburn Farm
7668 Nolensville Road
STEP System Design & Water/Water Site Plan
Williamson County, Tennessee



SITE ENGINEERING CONSULTANTS, INC.
10000 W. 10th Ave., Suite 100, Denver, CO 80231
(303) 751-1100
FAX (303) 751-1101
www.site-engineers.com

1"=100'
18248

Site Plan

Ozburn Farm
7668 Nolensville Road
STEP System Design & Wastewater Site Plan
Williamson County, Tennessee

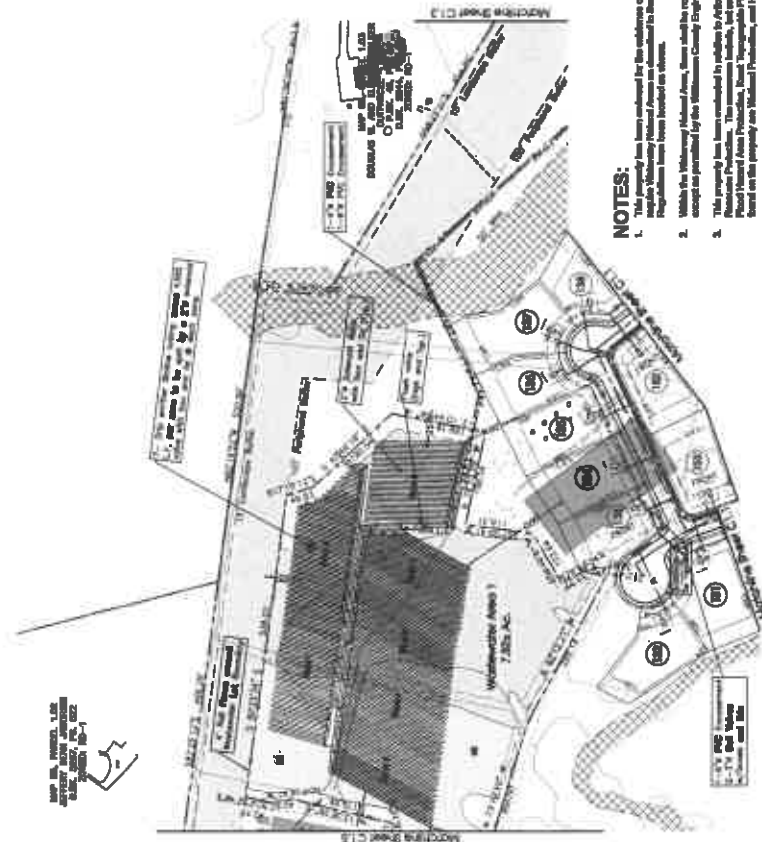
[illegible][illegible]

Issue Type:
Administrative Treatment Area 8 3rd Action

Address: 7058 Nolensville Road,
Williamson County, TN 37014
Land Use: Zoned RD-1 - Rural Development District 1
Land Status: 150 Lots on 167.56 Ac.±
Proposed Use: Wastewater System
Other References: The property shown hereon in Tax Map 80,
Parcel 12, in Williamson County, as recorded in
Book 2, Page 278.

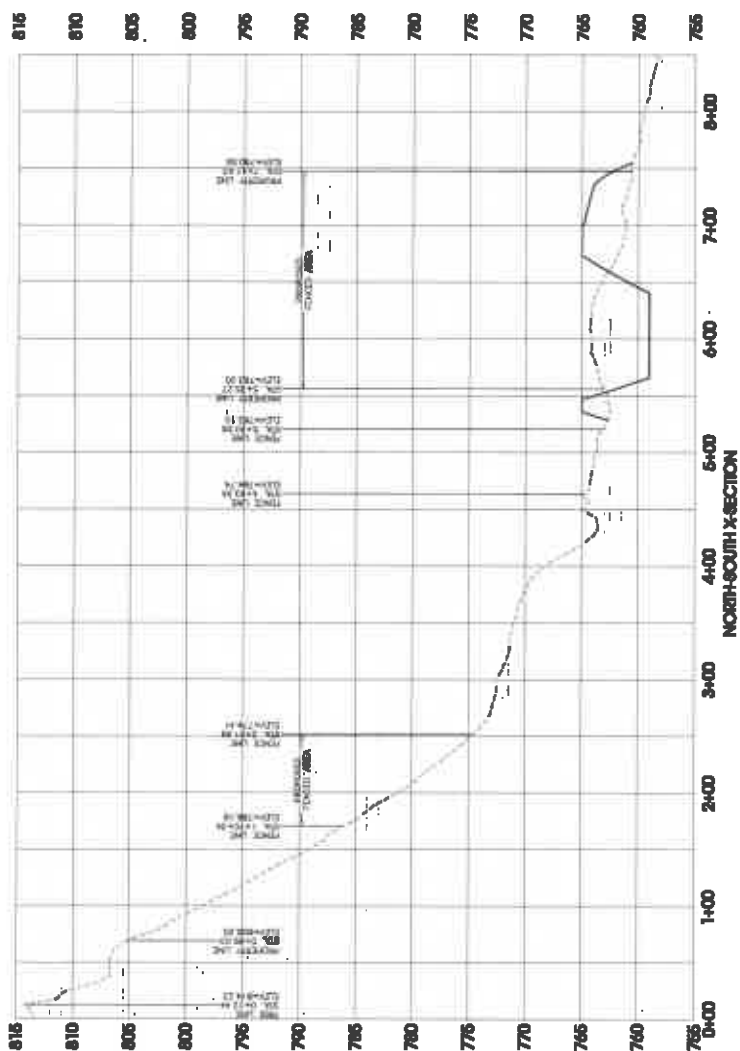
Age (yr)	Sex
14	M
15	M
16	M
17	M

Season	L.A. Ship	Initial Date	Ship No.	Ship No.	Ship No.
Season 1	4070	91	200	105	200
Season 2	4080	92	200	105	200
Season 3	4080	92	200	105	200
Season 4	4070	91	200	105	200
Season 5	4070	91	200	105	200



NOTES:

1. The property has been assigned to the address of International and provided consents. However, there would be no change in the ownership of the property. The property is currently owned by the International and provided consents. The property is currently owned by the International and provided consents. The property is currently owned by the International and provided consents.
2. Multiple Use Wetland Areas, from wetlands to wetlands, grading, construction or disturbance of vegetation except as permitted by the Wetlands Conservation Department.
3. The property has been assigned to address in Article 18 of the Wetlands Conservation Department. The property has been assigned to address in Article 18 of the Wetlands Conservation Department. The property has been assigned to address in Article 18 of the Wetlands Conservation Department. The property has been assigned to address in Article 18 of the Wetlands Conservation Department.
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CONTINUED ON SHEET C&I

Address:
7050 Nolansville Road,
Williamson County, TN 37014

Land Data:
Zone: RD-4 - Rural Development District 1
90 Lots on 167.98 Ac.±
Proposed Use:
Windswept Synthes
Dated Reference:

The property shown herein is Tax Map 86,
Parcel 12, in Williamson County, as recorded
in D.B. 4608, Pg. 859

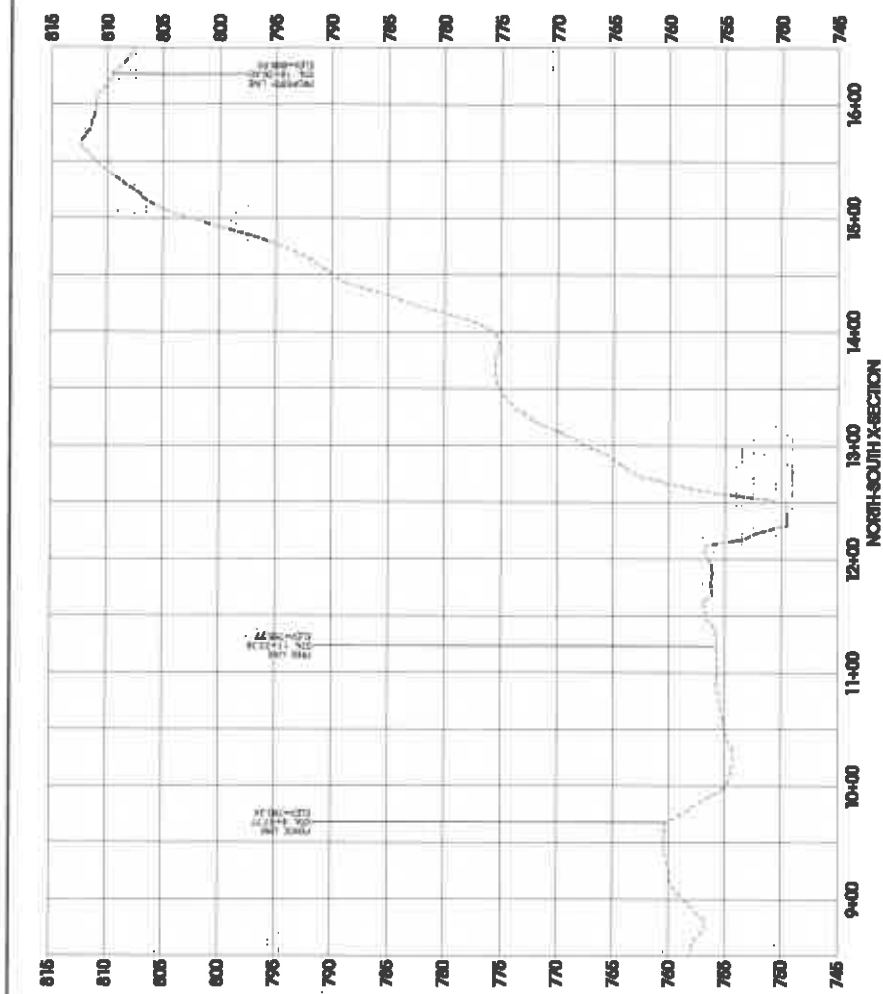
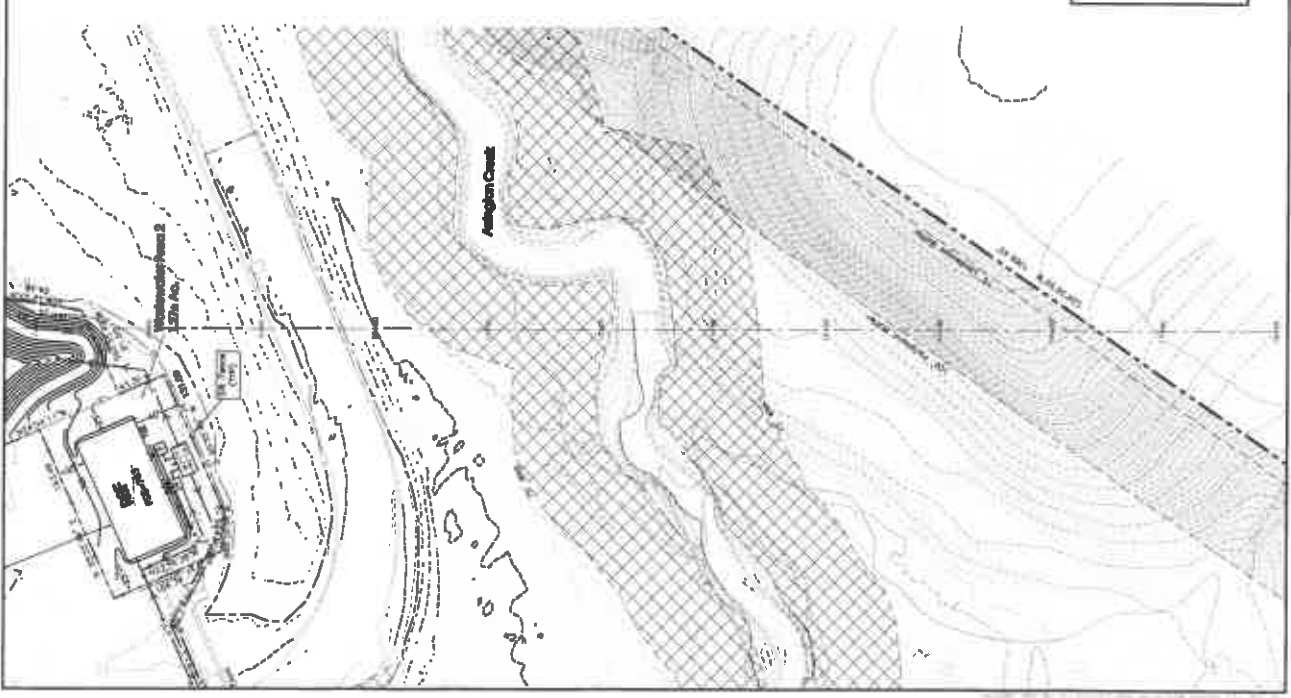
Cross Sections

1°-50'
15248

3.0.

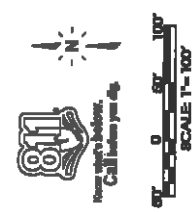
Ozburn Farm
7668 Nolensville Road
STEP System Design & Wastewater Site Plan
Williamson County, Tennessee

[illegible]



CONTINUED FROM SHEET C.3.0

Address:
7668 Nolensville Road,
Williamson County, TN 37014
Parcel: RD-1 - Rural Development District 1
90 Lots on 167.26 ACs:
Williamson County
David Bellinger
The property shown herein is Tax Map 88,
Parcel 12, in Williamson County, as recorded
in D.B. 4080, Pg. 659



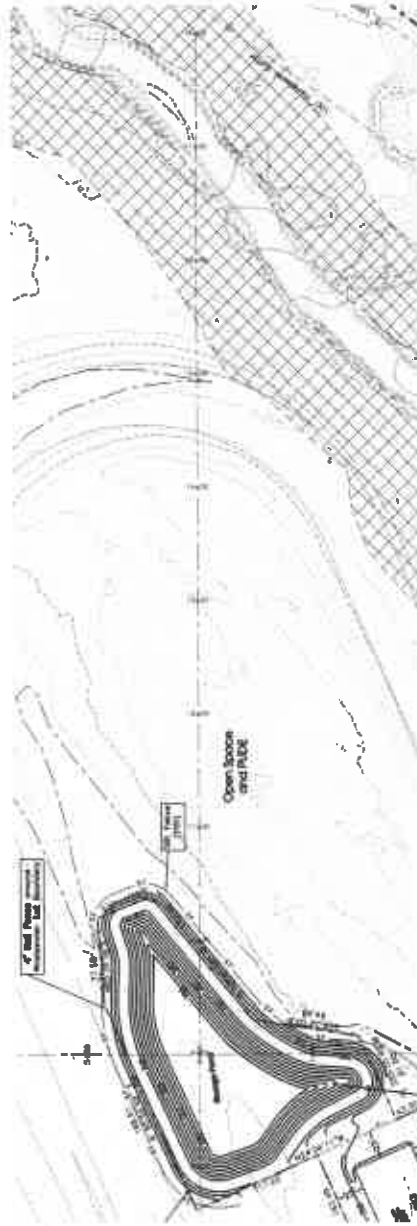
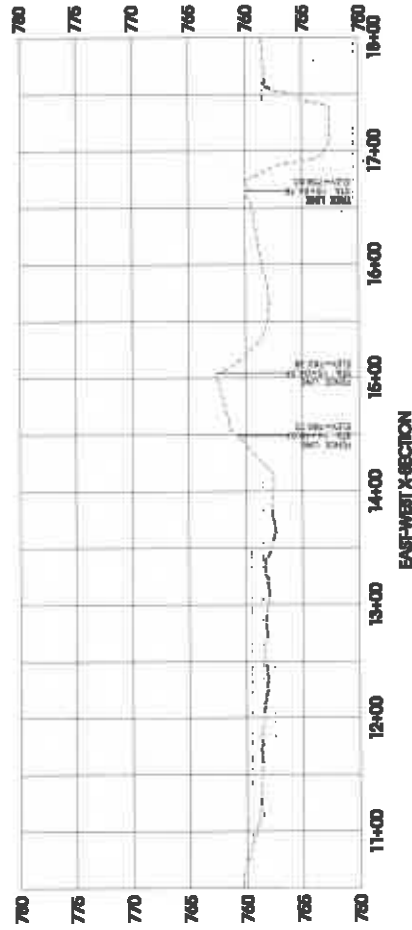
Cross Sections

Ozburn Farm
7668 Nolensville Road
STEP System Design & Waterway Site Plan
Williamson County, Tennessee

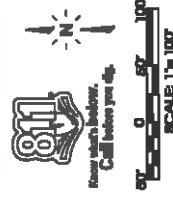


S.K. Inc.
SITE ENGINEERING CONSULTANTS
10000 Highway 100, Suite 100
Nashville, TN 37203
Phone: (615) 241-1100
Fax: (615) 241-1101
www.ski-inc.com

C3.1



Address:
 7668 Nolansville Road,
 Williamson County, TN 37014
 Parcel 12, in Williamson County, Tennessee
 Zoned: RD-4 - Rural Development District 1
 80 Lots on 97.00 Ac.±
 Proposed Use:
 Waterwater System
 David Williams
 The property shown herein is Tier Map 06,
 Parcel 12, in Williamson County, as recorded
 in O.G. 4001 Pg. 659



[illegible]

SITE ENGINEERING CONSULTANTS
SEK, Inc.
 1000 N. W. 10th Ave., Suite 100
 Ft. Lauderdale, FL 33304
 Phone: (305) 555-1111
 Fax: (305) 555-1112
 E-Mail: sek@sekinc.com
 Web: www.sekinc.com

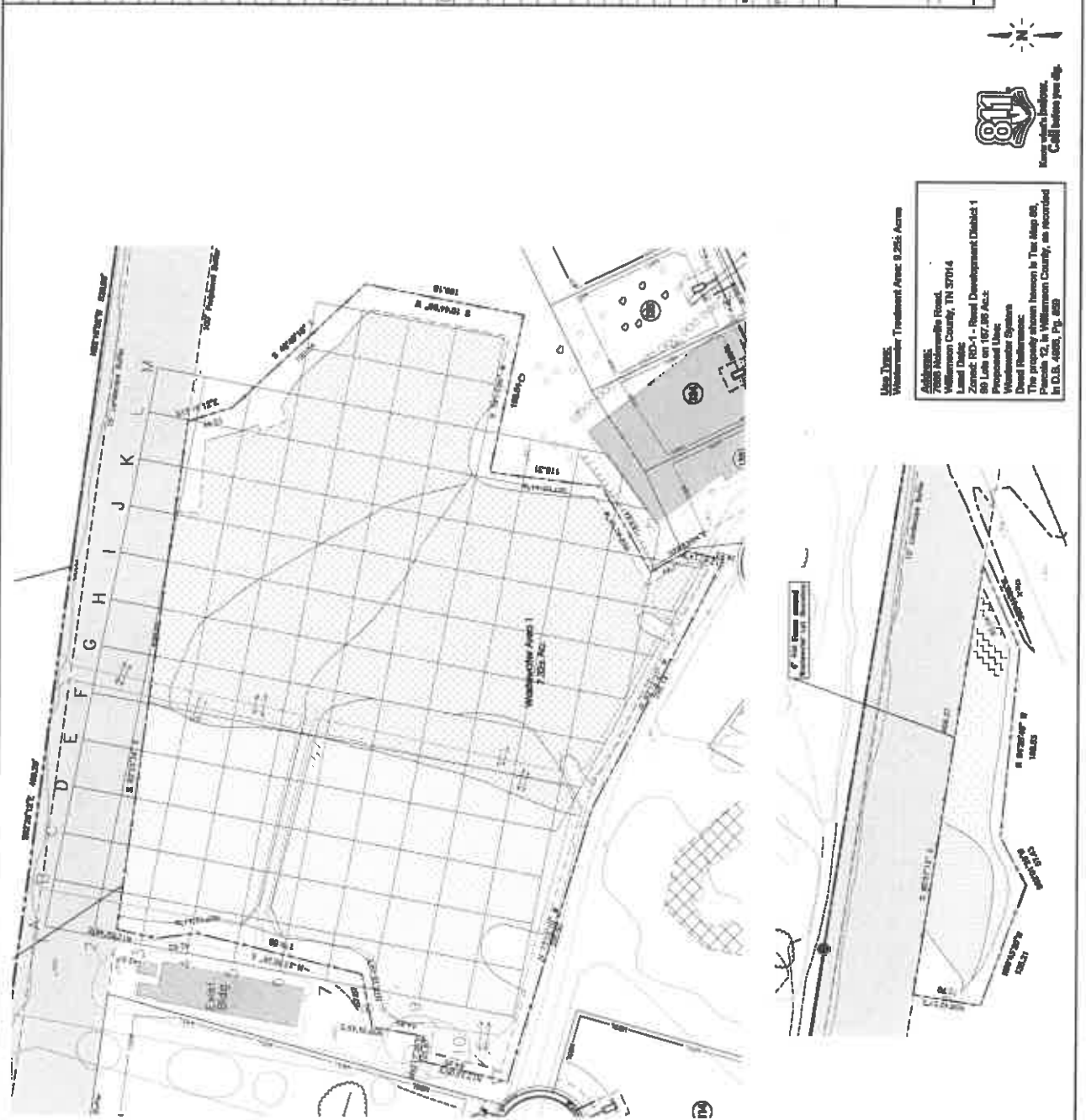


STEP System Design & Wastewater Site Plan
Ozburn Farm
7668 Nolensville Road
Williamson County, Tennessee

Scale Map
 1" = 50'
 1" = 100'
 1" = 200'

C5.0
 0' 50' 100'
 SCALE 1" = 100'

STEP LEGEND	
	100' x 100'
	200' x 200'
	300' x 300'
	400' x 400'
	500' x 500'
	600' x 600'
	700' x 700'
	800' x 800'
	900' x 900'
	1000' x 1000'
	1100' x 1100'
	1200' x 1200'
	1300' x 1300'
	1400' x 1400'
	1500' x 1500'
	1600' x 1600'
	1700' x 1700'
	1800' x 1800'
	1900' x 1900'
	2000' x 2000'



SOILS LEGEND

	Soil Type 1 100% Sand 100% Sand 100% Sand
	Soil Type 2 100% Sand 100% Sand 100% Sand
	Soil Type 3 100% Sand 100% Sand 100% Sand
	Soil Type 4 100% Sand 100% Sand 100% Sand

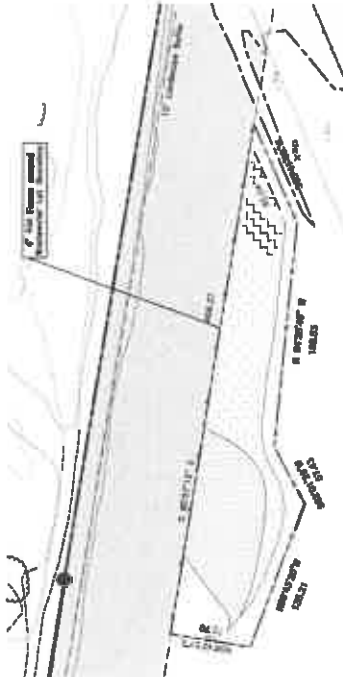
Use Three
 Wastewater Treatment Area: 0.256 Acres

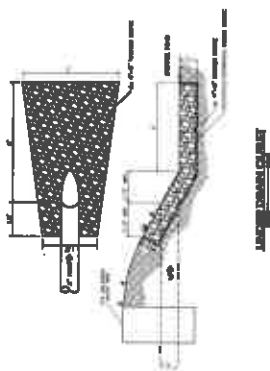
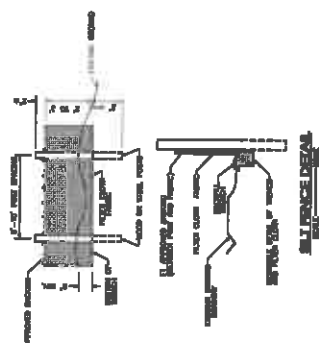
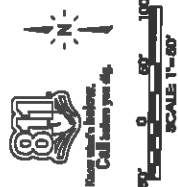
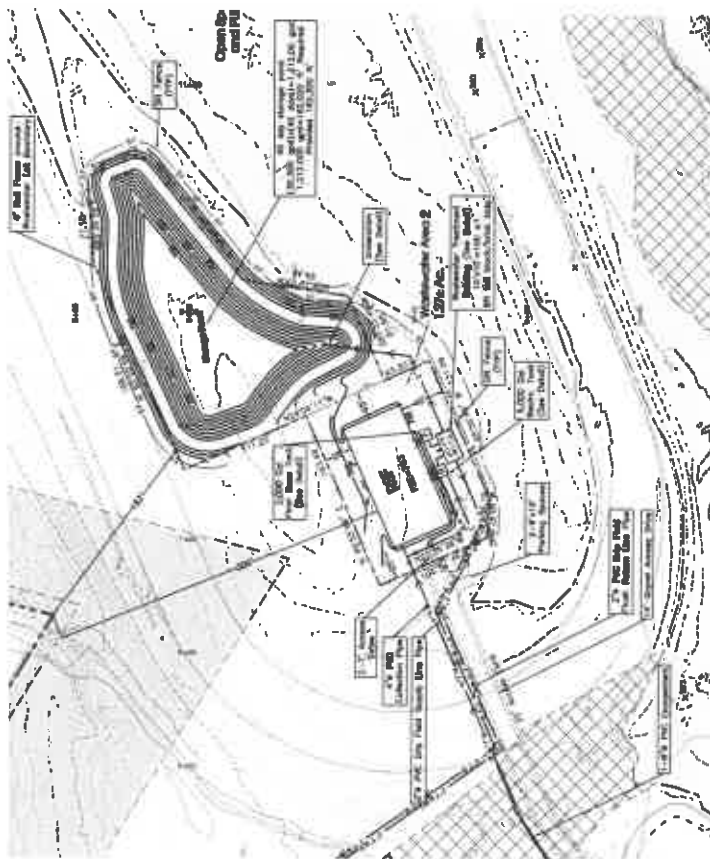
Address:
 7668 Nolensville Road
 Williamson County, TN 37014

Parcel:
 0.256 Acres
 80 Lots on 167.80 Acres

Proposed Use:
 Wastewater System

Deed Reference:
 The property shown herein is the same as shown on the map of the property in Williamson County, as recorded in D.B. 4000, Pg. 400



[illegible]

Grading and Drainage Notes:

- The 1987-1988 calendar year includes the following information for the 100 most valuable companies in the United States, ranked by market value as of September 30, 1988. The information is based on data provided by the companies and is not intended to be a comprehensive list of all companies in the United States. The information is provided for informational purposes only and is not intended to be a recommendation for investment or any other financial purpose. The information is provided for informational purposes only and is not intended to be a recommendation for investment or any other financial purpose.

Erosion Control Notes:

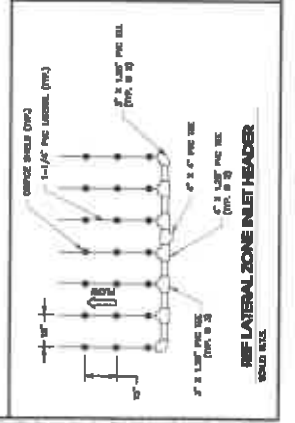
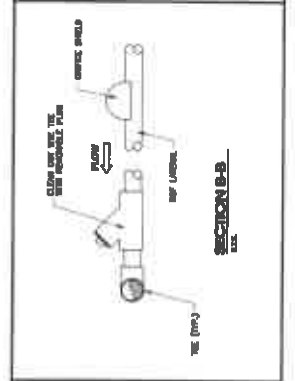
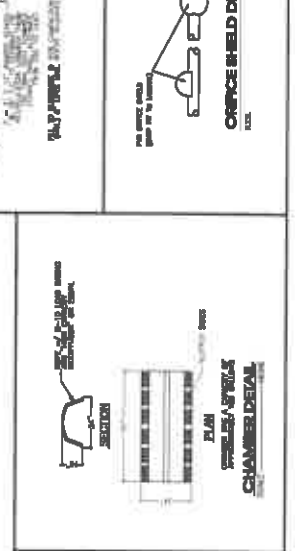
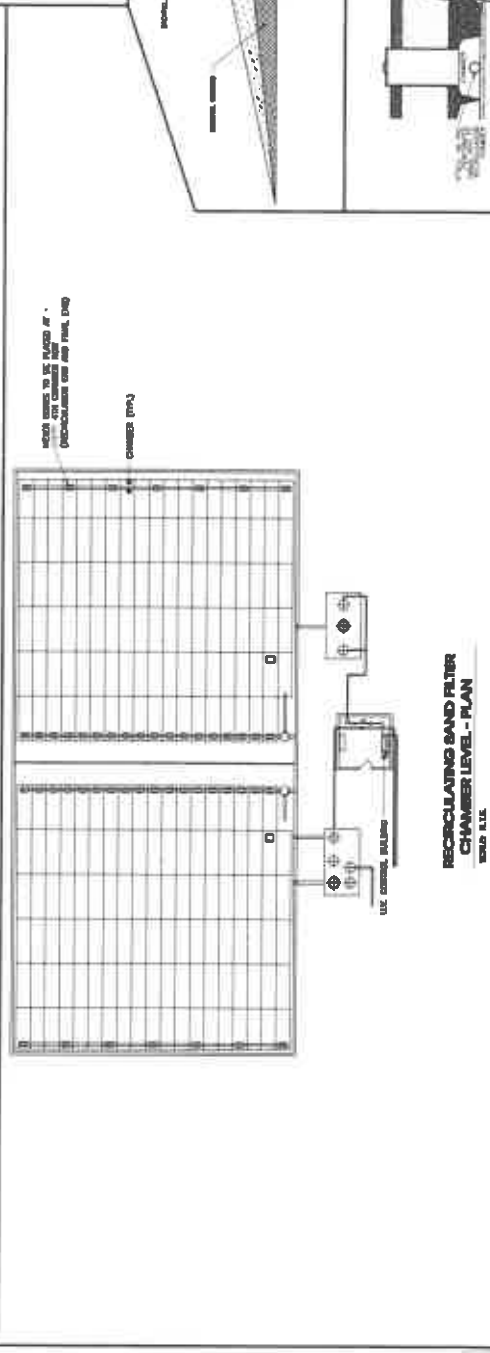
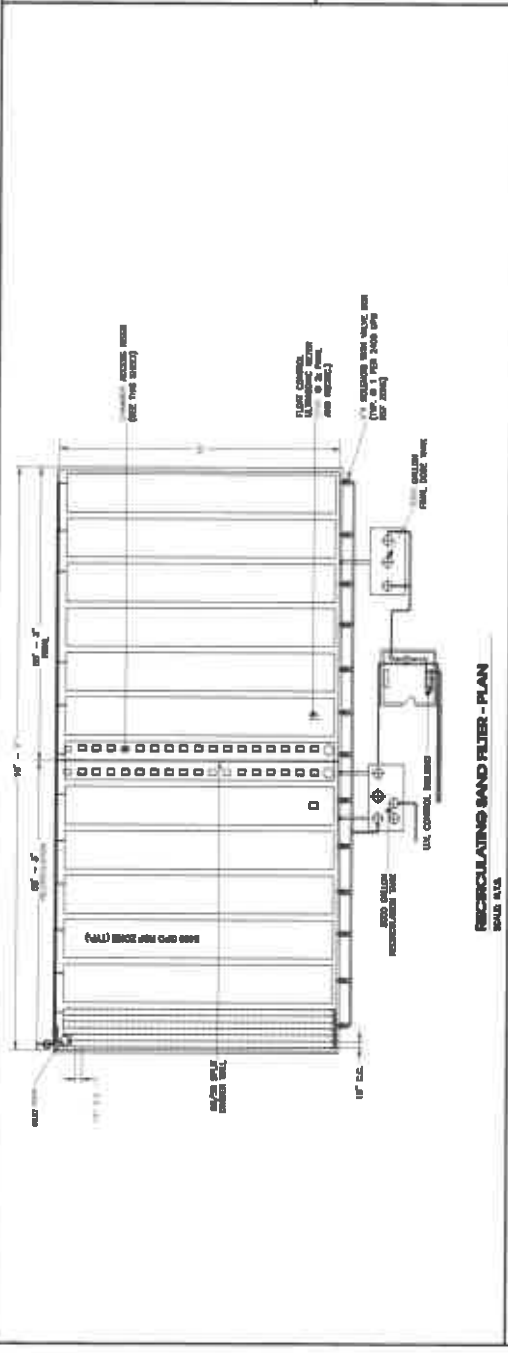
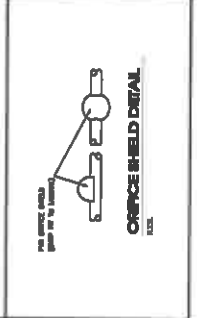
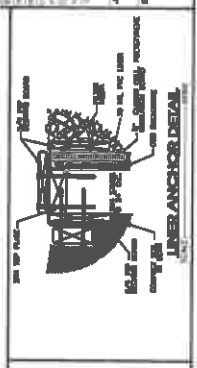
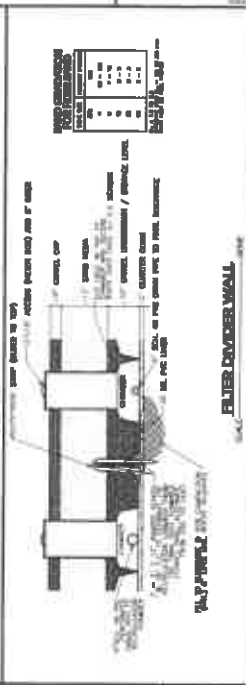
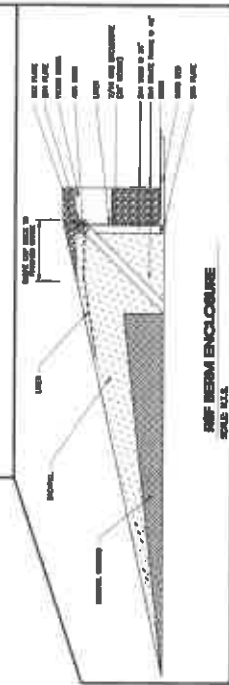
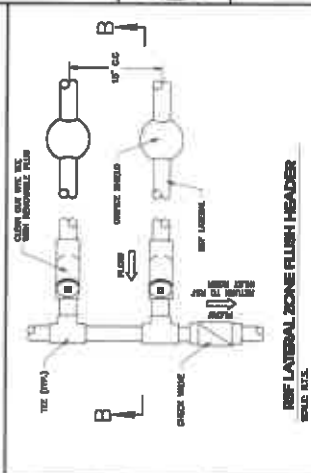
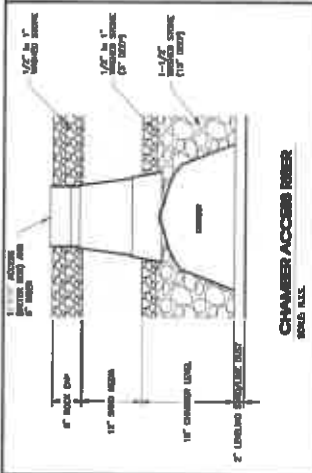
- [illegible]

General Utility Notes:

- the fact that the majority of the people in the world are poor, and that the rich countries are the ones that are causing the most damage to the environment. The report also states that the rich countries are the ones that are using the most resources, and that they are the ones that are causing the most pollution. The report also states that the rich countries are the ones that are causing the most damage to the environment, and that they are the ones that are causing the most pollution. The report also states that the rich countries are the ones that are causing the most damage to the environment, and that they are the ones that are causing the most pollution.

L.T.E.P. System General Notes:

- the fact that the Government has been unable to secure the necessary funds to carry out its policy. The Government has been unable to secure the necessary funds to carry out its policy. The Government has been unable to secure the necessary funds to carry out its policy.



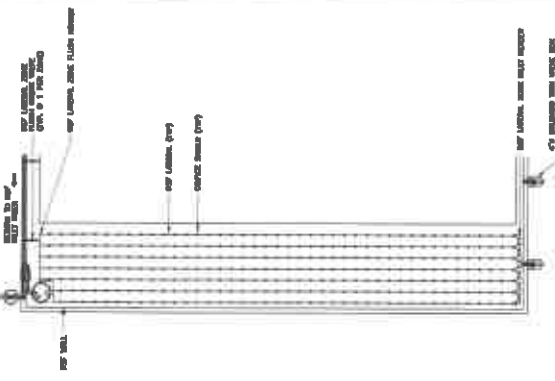
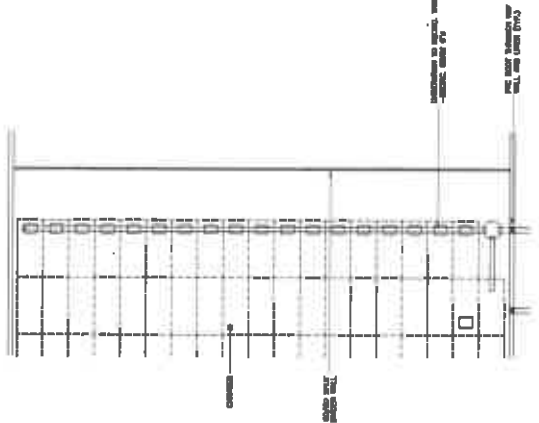
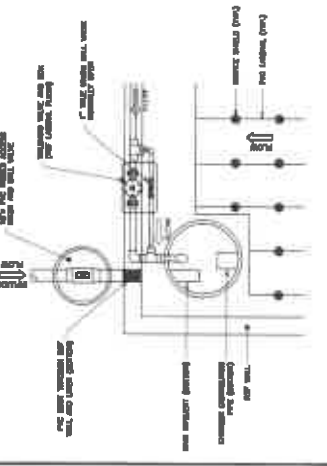
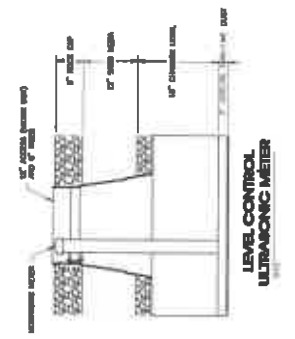
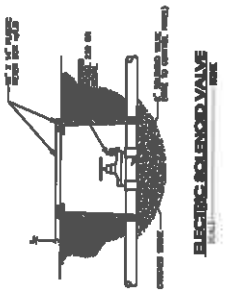
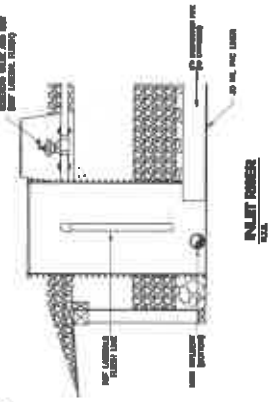
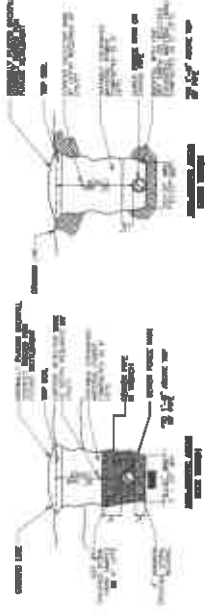
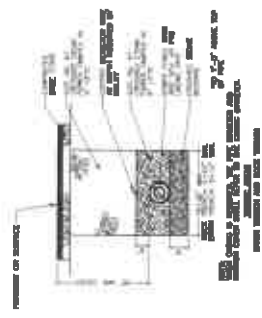
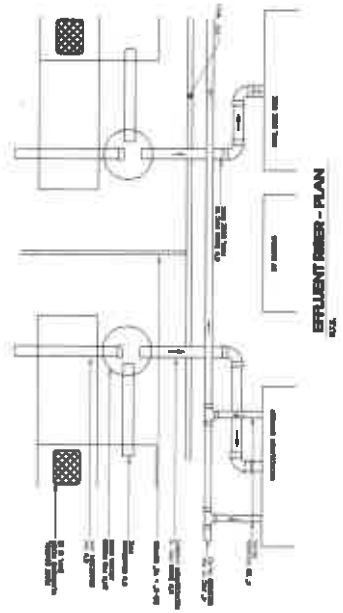
PROJECT	102048
DATE	11-007
SCALE	1"=50'
SHEET	102048
OF	102048

Details

Ozburn Farm
7668 Nolensville Road
Williamson County, Tennessee
STEP System Design & Wastewater Site Plan



SEEK, Inc.
SITE ENGINEERING CONSULTANTS
102048
11-007
102048

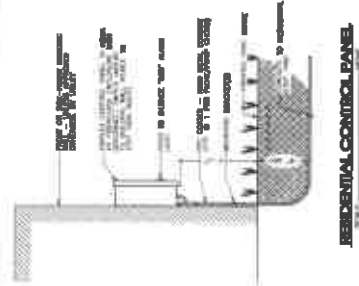


Details

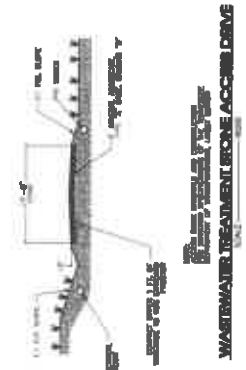
STEP System Design & Wastewater Site Plan
7668 Nolensville Road
Ozburn Farm
Williamson County, Tennessee



JEFF A. SMITH
Professional Engineer
State of Tennessee
License No. 34862
Mechanical Engineering

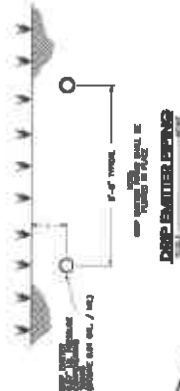
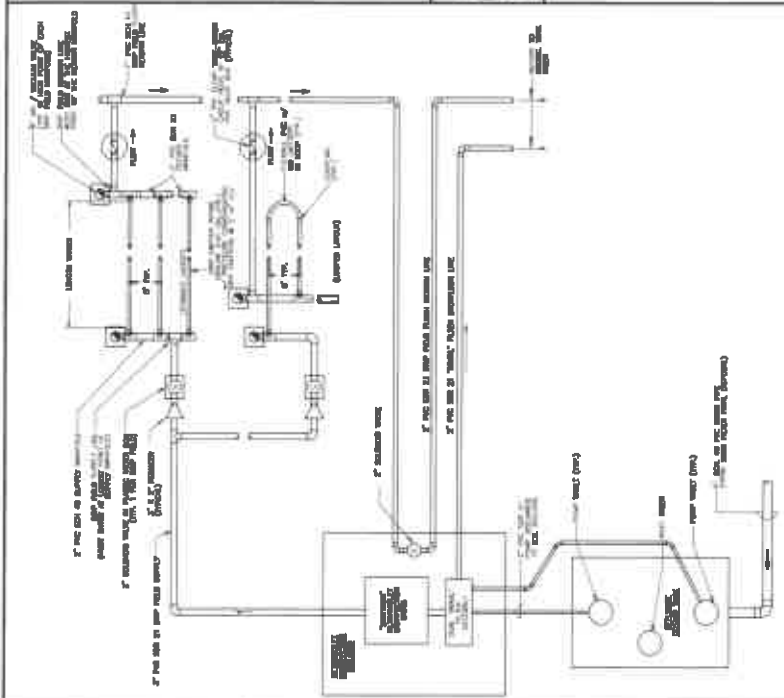


RESIDENTIAL CONTROL PANEL



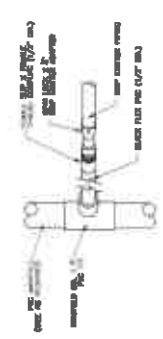
WATER TREATMENT STONE ACCUM DRIVE

DWP FIELD EFFLUENT DISPOSAL SCHEMATIC

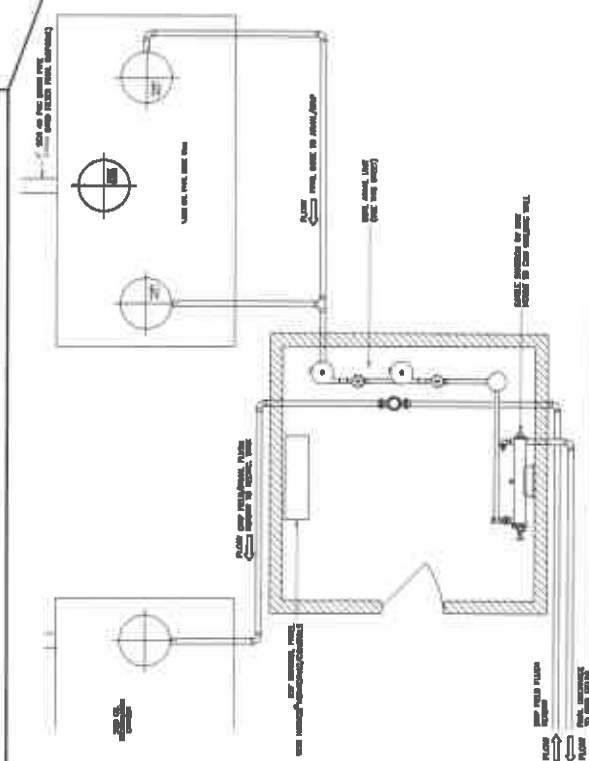
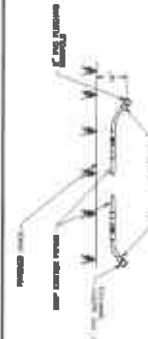


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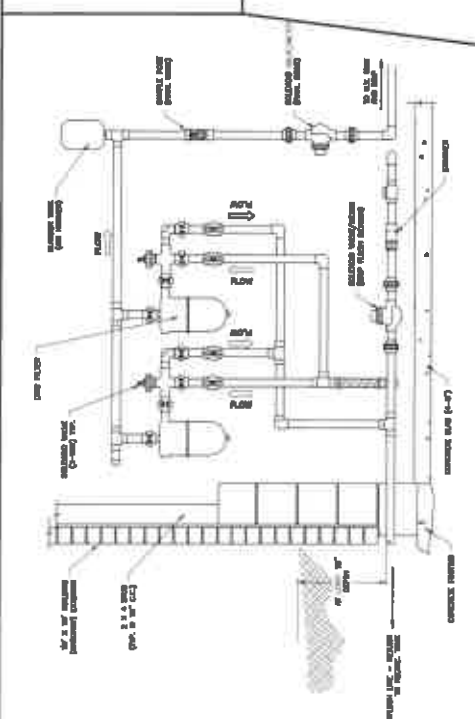
DWP PUMP MANIFOLD TAP



DWP DISPOSAL PUMP AND MANIFOLD DETAIL



DUAL AERIAL UNIT

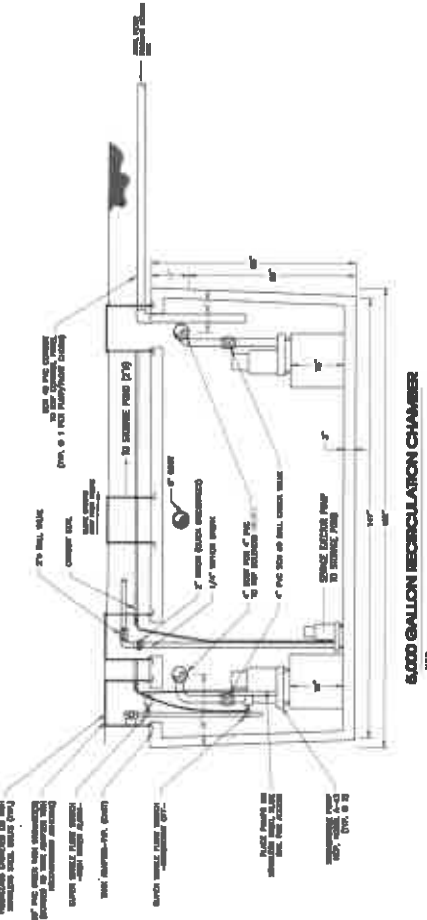
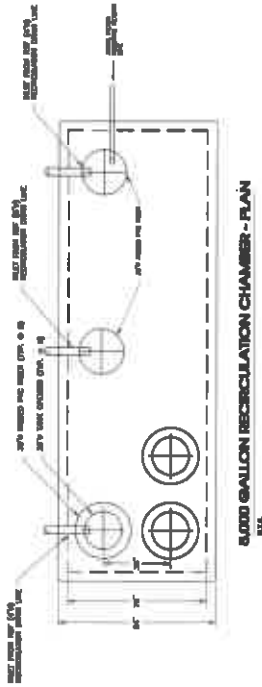
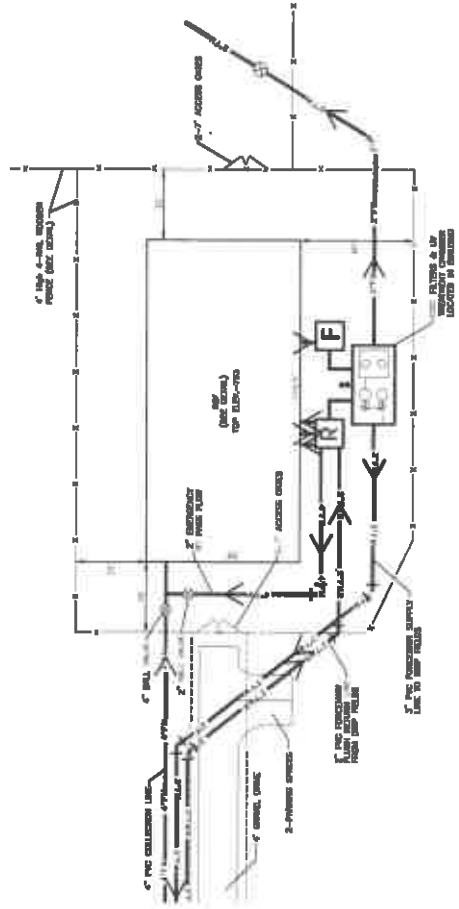
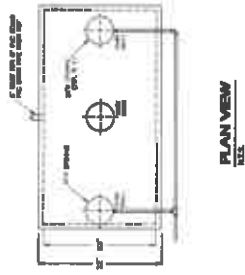
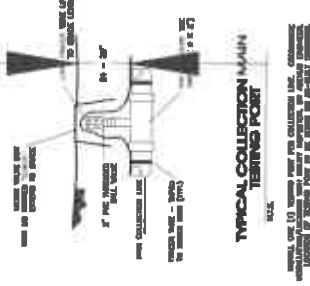
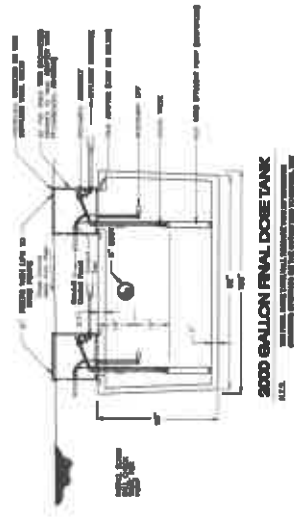
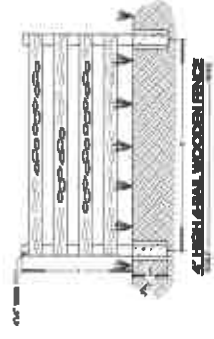


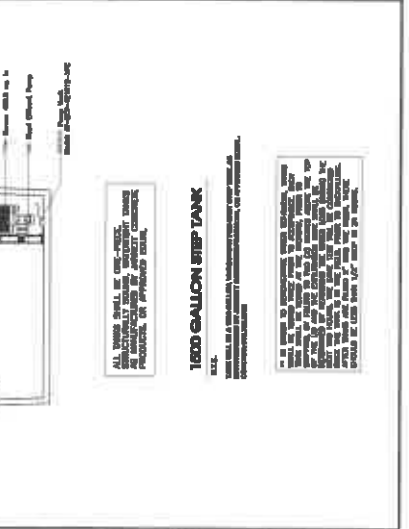
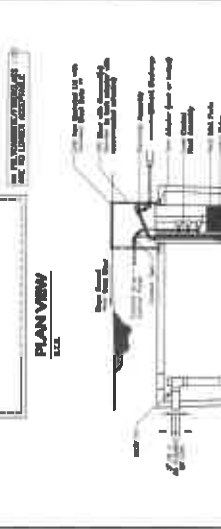
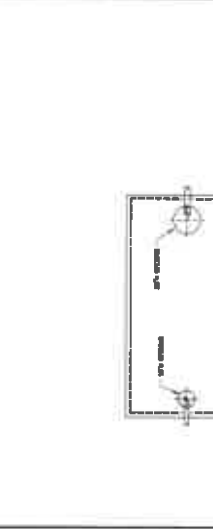
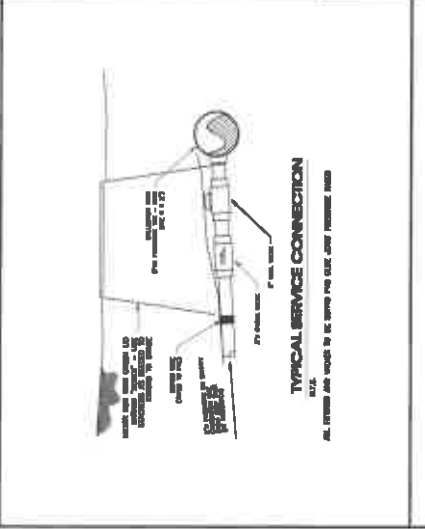
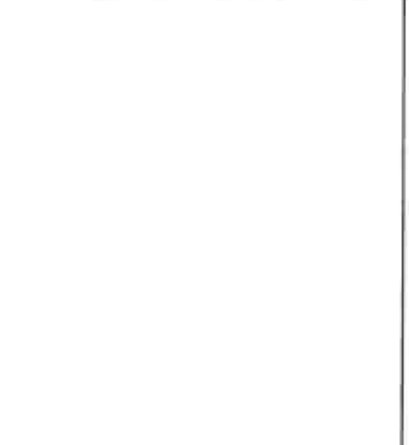
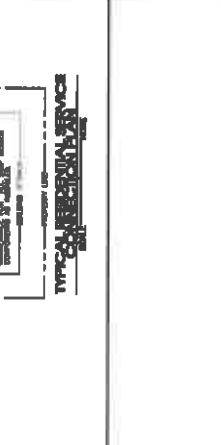
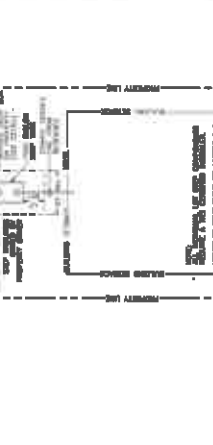
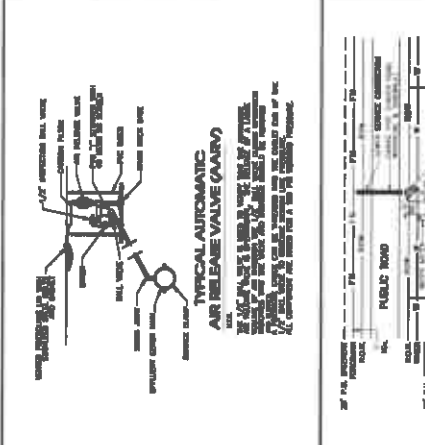
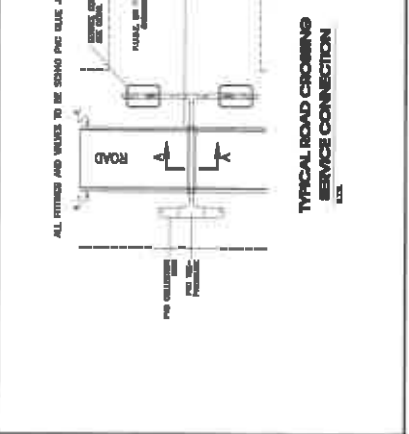
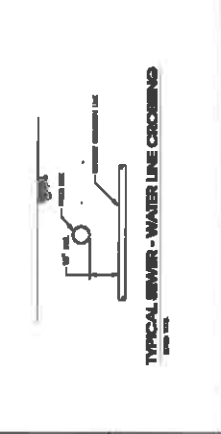
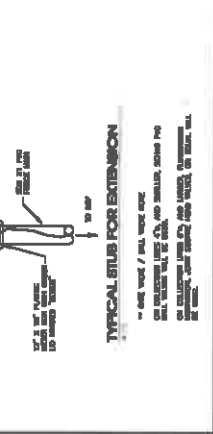
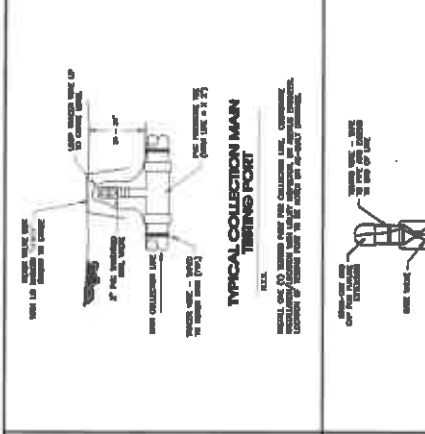
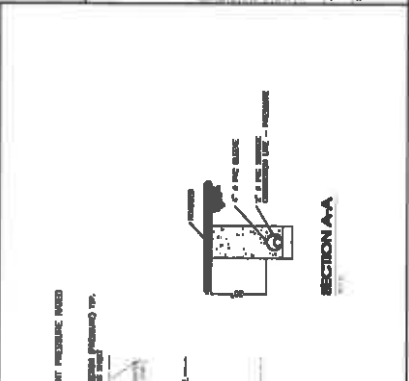
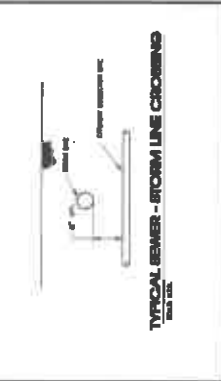
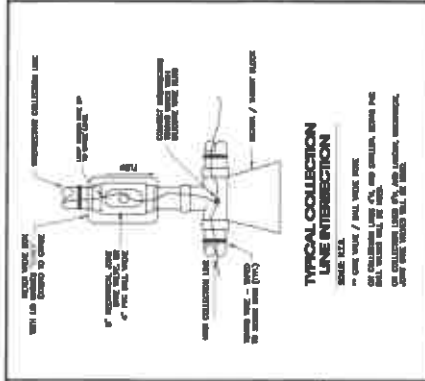
Details
DATE: 10/24/16
BY: [Signature]
SCALE: 1"=50'
PROJECT: [Signature]
NO. 102416

Ozburn Farm
 7668 Nolensville Road
 Williamson County, Tennessee



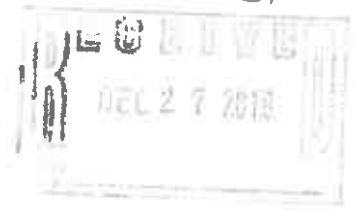
STEP Engineering Consultants
 10000 Highway 100, Suite 100
 Nashville, Tennessee 37203
 (615) 833-1000
 www.step-engineering.com







Rogers C. Anderson
Williamson County Mayor



WILLIAMSON COUNTY GOVERNMENT

December 14, 2018

VIA UNITED STATES MAIL

Mr. Walter O'Shea
Hines Acquisitions, LLC
11512 Lake Meade Avenue, Suite 603
Jacksonville, FL 32256

Mr. Perry Ozburn
Ozburn Haley Farm, LLC
1070 Ozburn Hollow Road
Arrington, TN 37014

**Re: Sewer Request for Property at:
7668 Nolensville Road, Nolensville, TN
Tax Map 86, Parcel 012.00**

Mr. O'Shea and Mr. Ozburn:

On December 12, 2018, Williamson County received your request that sewer service be provided to the above-named property. In response to your inquiry, this correspondence confirms that Williamson County Government does not currently provide public sanitary sewer service to this property and has no plans in the foreseeable future to provide said service.

I hope this information is helpful. Should you need anything further, please do not hesitate to contact me.

Sincerely,

Rogers Anderson
County Mayor





N Nolensville/College Grove Utility District
C P.O. Box 127, 2002 Johnson Industrial Blvd., Nolensville, TN 37135
G Phone No. 615-776-2511 - Fax No. 615-776-2591

February 19, 2019

Kevin Jund
Hines
11512 Lake Mead Av. Suite 603
Jacksonville, FL 32256

Re: Sanitary Sewer Service Release : (Ozburn Farm) (Map 086) (Parcel 1200)
7668 Nolensville Rd. Nolensville, TN 37135

Dear Mr. Jund

Nolensville College Grove Utility District by your request hereby releases its charter rights to provide sanitary sewer service to the proposed development known as Ozburn Farm 7668 Nolensville Rd. Nolensville TN, 37135 (Map 086) (Parcel 1200)

Please feel free to contact me if I can be of further assistance.

Sincerely,

Mike E Polston

Mike E Polston
General Manager
NCG Utility District



881 Aviation Parkway
Smyrna, TN 37187

2nd REVISED Letter of Understanding

This Letter of Understanding ("LOU") outlines the fundamental terms of agreement and intentions between Tennessee Wastewater Systems, Inc. ("TWS"), and Hines Acquisitions LLC. ("Developer").

Questions and comments should be directed to Matthew Nicks at (615) 220-7166 or matthew.nicks@adenus.com

Effective Date: November 28, 2018

The fundamental terms of agreement and intention between TWS and Developer are as follows:

1. Developer desires to develop a residential subdivision in Williamson County, Tennessee on approximately 167.96 +/- acres of property, located on 7668 Nolensville Road (Williamson County Tax Map 86, Parcel 12, the "Property"). This property is proposing to accommodate approximately +/- 99 single-family residential lots (Equivalent Dwelling Units, or EDU's). This lot count will be used for this Letter of Understanding only
2. TWS is a public wastewater utility. TWS will apply for a Certificate of Convenience and Necessity (CCN) which if approved would encompass the Property allowing TWS to provide wastewater service to the Property.
3. TWS will accept, own, and operate the wastewater treatment facility to serve this property under the terms and conditions contained in this LOU and as stated more fully in the Sewer Service Agreement to be executed by and between the Developer and TWS.
4. Regarding the design of the wastewater system, TWS has approved the Developer's site engineer, SEC, Inc., and the Developer further agrees to require SEC, Inc. to design the residential subdivision site plan to accommodate the wastewater collection system, the reuse distribution system (easements, buffers, etc.), to the specifications of TWS, and to provide a copy of the site plans to TWS for review, and inclusion into the wastewater system plans;
5. TWS requires that it review and approve all wastewater system plans and any other submissions prior to submission to the Tennessee Department of Environment and Conservation and/or the Williamson County Planning Department ("WCPD") for review and

Hines Acquisitions LLC. – Ozburn Farms
2nd REVISED Letter of Understanding
99 Lot Development, Williamson County
November 28, 2018

approval. TWS will review and comment on the submitted documents within seven (7) business days from the date the documents are received by TWS.

6. TWS may require the installation of additional piping infrastructure through the development to accommodate future development and/or expansion of the collection, treatment, or disposal system. Developer agrees to provide TWS any easements necessary for the extension of this infrastructure. TWS has the right to extend the piping infrastructure at any time and in its sole discretion. TWS will be responsible for any costs associated with extending the piping infrastructure.
 7. Developer will select and retain any consultants/engineers/soils scientists necessary to perform the following work:
 - * Evaluate the Property for soils suitable for the disposal of treated wastewater effluent.
 - * Prepare or have prepared the DSIR and DDIR
 - * Prepare or have prepared the SOP application for TDEC
 - * Design of the wastewater system
 8. Developer or its assignee will pay to TWS a \$1,200 per lot review and inspection fee payable at time the final plat is presented to TWS for signature for each lot identified on the plat to be signed.
 9. Developer acknowledges, understands, and agrees that for all cash and property contributions provided to TWS, a gross up factor shall be applied in order to recover the corporate federal income taxes associated with those contributions. The formula used to gross up contributed cash and property is as follows:
 - * $\text{Tax Impact} = \text{TR} / (1 - \text{TR}) * (\text{C} + \text{P})$
TR = Marginal tax rate of federal corporate income tax.
C = Dollar amount of charges (cash) paid to the utility as a contribution.
P = Dollar amount of property (plant, land...) conveyed to the utility to be recorded at the construction cost of the property conveyed to the utility.
- *No home will be released to connect to the sewer collection system, or to the treatment and disposal system, until the Developer has paid all fees as required by TWS.
10. Developer agrees to pay or require as a condition of sale that the owner of each lot shown on the final plat for which a service connection to the wastewater system is available, installed, or expanded but for which no residence, building, or structure has

**Hines Acquisitions LLC. – Ozburn Farms
2nd REVISED Letter of Understanding
99 Lot Development, Williamson County
November 28, 2018**

been attached to the service connection, shall pay TWS a yearly sewer access fee of \$120.00. Such yearly sewer access fees for each lot shown on the final plat shall be payable on or before December 15 of each year for all owners of record as of December 1 of that year. Once residences, buildings, or structures on each lot are connected to the sewer system through a service connection, the owner of such property shall no longer be liable for the sewer access fee for that calendar year and thereafter the annual access fee shall no longer apply.

11. Developer agrees to require as a condition of sale or lease of each lot that any residence, building, or structure constructed on the lot to be attached to the sewer system have a lockable shut off valve installed on the property owner's side of the water meter on the water supply line to the structure.
12. TWS will inspect the construction and installation of the collection, treatment and disposal system to ensure the treatment and collection system meets TWS' requirements. Upon approval of the system, TWS will accept ownership of the system. Developer will convey the land for the drip field and the treatment facility to TWS as a condition of TWS acceptance for the system.
13. TWS will not place the wastewater treatment system into operation until all payments have been made and all easements and deeds have been transferred to TWS in accordance with Developer's agreement with the utility.
14. Developer agrees to post any bond amounts required by the WCPD for the collection system on the property, prior to final plat being signed by TWS.
15. Developer and/or home builder is responsible for tankage, components, etc. for each individual residence site.
16. Developer will be responsible for all costs associated with obtaining any easements required to provide service to the development including any condemnation costs if necessary. Condemnation costs to include, but not limited to reasonable attorney fees, court costs, and payment for the condemned property. TWS will not incur any costs in procuring easements or pursuing condemnation without Developer's written approval.
17. Developer understands and agrees that changes made to federal and state law, TDEC regulations, or to TPUC rules, or to Williamson County regulations after the date of this understanding are beyond the control of TWS and could likely cause a change to the proposed costs.
18. In the event the property fails to be developed, either Party may terminate this agreement upon written notice to the other. In the event the property fails to be developed and the agreement is terminated, Developer agrees to reimburse TWS for all actual out-of-pocket costs related to all services that have been performed in the effort to provide wastewater services to the proposed development including, but not limited to, reimbursement for expenses, filing and review fees, regulatory fees, construction costs, and

Hines Acquisitions LLC. – Ozburn Farms
2nd REVISED Letter of Understanding
99 Lot Development, Williamson County
November 28, 2018

all legal fees incurred in the pursuit of obtaining regulatory approval to provide wastewater services to the development.

Developer acknowledges and accepts the aforementioned terms of agreement and intention.

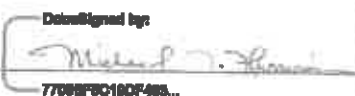
HINES ACQUISITIONS LLC, a Delaware
limited liability company

By: Hines Investment Management Holdings
Limited Partnership, a Texas limited partnership, its
sole member

By: HIMH GP LLC, a Delaware limited liability
company, its general partner

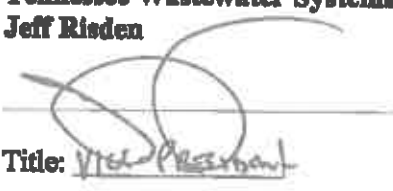
By: Hines Real Estate Holdings Limited
Partnership, a Texas limited partnership, its sole
member

By: JCH Investments, Inc., a Texas corporation,
its general partner

By:   
7708BFC018DF483...

Print Name: Michael T. Harrison
Title: Senior Managing Director

Tennessee Wastewater Systems, Inc.
Jeff Riden

Title:  Vice President

Date: 12/3/18

**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 Risden, CEO – Mr. Risden joined Adenus in 2015 as General Counsel before rising to CEO in late 2018. Prior to Adenus Mr. Risden 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.

Marshall Fall – CTO – Mr. Fall is the Chief Technical Officer for Adenus and Tennessee Wastewater System, Inc.'s wastewater engineer. Mr. Fall got his start in the wastewater business with Adenus where he worked on construction crews building and repairing treatment facilities. He went back to school and received his engineering degree and went to work for SSR, as national engineering firm, upon graduating. Mr. Fall obtained his Professional Engineer's license and returned to Adenus to oversee all engineering and construction activities for the company and utilities.

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.

John Norton, Operations Mgr – East TN – Mr. Norton is responsible for overseeing Tennessee Wastewater System, Inc's operations and maintenance program for its facilities in East Tennessee. Mr. Norton, after serving in the United States Air Force, has spent the bulk of his career in various operations management roles overseeing personnel management, hiring, DOT and OSHA compliance.



STATE OPERATING PERMIT APPLICATION
Ozburn SD

WILLIAMSON COUNTY, TN



Table of Contents

<u>Section</u>	<u>Title</u>
-----------------------	---------------------

1.0	SOP Permit Application
------------	-------------------------------

2.0	Area of Review
------------	-----------------------

3.0	Ground Water General Description
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4.0	Population General Description
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5.0	Nature of Fluid
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6.0	General Location of Publicly Supplied Water
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7.0	Description of System
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8.0	Nature and Type of System
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1.0 SOP Permit Application

SOP APPLICATION - page 1

Permit Number: SOP-_____

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

Permittee Identification: (Name of city, town, utility, industry, corporation, individual, etc., applying, according to the provisions of Tennessee Code Annotated Section 69-3-106 and Regulations of the Tennessee Water Quality Control Board.)

Permittee Name
(applicant)/Facility Name **Tennessee Wastewater Systems, Inc.**

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

Official Contact:
~~William Driscoll~~ **JEFF RISON**

Title or Position:
~~Operations Manager~~ **CEO**

Mailing Address:
851 Aviation Parkway

City: **Smyrna** **State:** **TN** **Zip:** **37167**

Phone number(s): **(615) 220-7280**

E-mail: ~~bill.driscoll@adams.com~~
jeff.rison@adams.com

Optional Contact:
Jesse Hutcherson

Title or Position:
Operator

Address:
849 Aviation Parkway

City: **Smyrna** **State:** **TN** **Zip:** **37167**

Phone number(s):
office (615) 220-7280

E-mail:
Jesse.hutcherson@adams.com

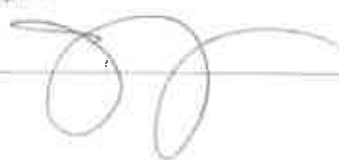
Application Certification (must be signed in accordance with the requirements of Rule 1200-4-5-.05)

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.

Name and title, print or type

JEFF RISON, CEO

Signature



Date

2/20/19

OFFICIAL STATE USE ONLY

Received Date	Permit Number SOP	Field Office	Reviewer
---------------	-----------------------------	--------------	----------

Permit Number: SOP-

Facility Identification:		Existing Permit No.	18021
Facility Name: Osburn TF		County:	Williamson
Facility Address or Location: 7668 Nolensville Road		Latitude:	N 35° 54'06"
		Longitude:	W 86° 39'37"
Name of Engineer for the project: James F. Reed III P.E., R.L.S.			
Engineer address and phone number:		850 Middle Tennessee Blvd.	615-896-7931
Name and distance to nearest receiving water: Arrington Creek			
If any other State or Federal Water/Wastewater Permits have been obtained for this site, list their permit numbers: None			
Name of company, utility, or governmental entity that will operate the permitted system: Tennessee Wastewater Systems, Inc.			
Operator address: 851 Aviation Parkway Smyrna, TN 37167			
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)? ☒ Yes ☐ No ☐ N/A			
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. Tennessee Wastewater Systems, Inc. will own the facility and site upon completion of construction			
Name of Public Water Provider: Nolensville College Grove Utility District Mike Polston 615-776-2511 mpolston@ncgud.com			
List Standard Industrial Codes (SIC) North American Industrial Code (s) (NAIC) for proposed activity (these are located at http://www.census.gov/ipeds/data/www/naicstab.htm) 4941 - water system, 4999 - Sewage treatment, 4971 - Irrigation			
Complete the following information explaining the entity type, number of design units, and daily design wastewater flow:			
Entity Type	Number of Design Units	Flow (gpd)	
☐ City, town or county	No. of connections:	Avg. No. bedrooms per home: 3-4 @ 300gpd/home	29,700
☒ Subdivision	No. of homes: 99	Size of cafeteria(s):	
☐ School	No. of students:	No. of showers: 0	
☐ Apartment	No. of units:	No. units with Washer/Dryer hookups:	
		No. units without W/D hookups:	
☐ Commercial Business	No. of employees:	Type of business:	
☐ Industry	No. of employees:	Product(s) manufactured:	
☐ Resort	No. of units:		
☐ Camp	No. of hookups:		
☐ RV Park	No. of hookups:	No. of dump stations:	
☐ Car Wash	No. of bays:		
☒ Other		Amenity center	600
Describe the type and frequency of activities that result in wastewater generation.		Total design flow = 30,300 GPD	
The treatment and land application of typical domestic waste.			

Permit Number: SOP-_____

Engineering Report (required for collection systems and/or land application treatment systems):		☐ N/A
☒ Prepared in accordance with Rule 1200-4-2-.03 and Section 1.2 of the Tennessee Design Criteria (see website for more information)		
☒ Attached, or		
☐ Previously submitted and entitled:		Approved? ☐ Yes, Date: ☐ No
Wastewater Collection System:		☐ N/A
System type (i.e., gravity, low pressure, vacuum, combination, etc.): <u>Watertight effluent pressure collection system</u>		
System Description: <u>3" and 4" diameter SDR 21 PVC pressure pipe and required fittings</u>		
Describe methods to prevent and respond to any bypass of treatment or discharges (i.e., power failures, equipment failures, heavy rains, etc.): <u>Each home has a minimum of 24-36 hours storage in the STEP tank. Heavy rains have a minimal impact on a watertight collection system. Small generators can be connected to the pump stations and treatment system as necessary during an extended power outage.</u>		
In the event of a system failure describe means of operator notification: <u>All pumps have redundancy & alarms.</u>		
List the emergency contact(s) (name/phone): <u>Edly Driggs /615-220-7200</u>		
For low-pressure systems, who is responsible for maintenance of STEP/STEG tanks and pumps or grinder pumps (list all contact information)? <u>STEP tanks - Tennessee Wastewater Systems, Inc., 851 Aviation Parkway Smyrna, TN 37167, (615) 220-7200</u>		
Approximate length of sewer (excluding private service lateral): <u>approx. 6,600 LF</u>		
Number/tp of lift stations: <u>/</u>		Number/tp of lift pumps: <u>/</u>
Number/volume of low pressure and/or grinder pump tanks Proposed sand filter, <u>5,000 gal</u> recirc tank, <u>2,000 gal</u> Final Decs Tank Number/volume <u>septic</u> tanks: <u>100-1,500 gal STEP tanks</u>		
Attach a schematic of the collection system. ☒ Attached		
If this is a satellite sewer and you are tying in to 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 Point	Latitude (xx.xxxx°)	Longitude (xx.xxxx°)
None		
Land Application Treatment System:		☐ N/A
Type of Land Application Treatment System: ☒ Drip ☐ Spray ☐ Other, explain:		
Type of treatment facility preceding land application (recirculating media filters, lagoons, other, etc.): <u>recirculating media filter</u>		
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.): <u>The proposed STEP tanks are sized for peak daily flow storage for the purpose of power failures and equipment failures.</u>		
For New or Modified Projects: <u>Oakura SD</u>		
Name of Developer for the project: <u>Hipes Acquisitions, LLC - Walter O'Shea</u>		
Developer address and phone number <u>11512 Lake Mend Avenue Suite 603</u> <u>Jacksonville, FL 32256 (904) 299 7020</u>		
For land application, list: ☒ Proposed acreage involved: <u>approx. 6.82 acres total</u>		
☒ Inches/week (gpd/acre) to be applied: <u>3.41 acres required with 3.41 acre reserve for approx. 0.2 gpd/af loading rate</u>		
Is wastewater disinfection proposed?		
☐ Yes Describe land application area access:		
☒ No Describe how access to the land application area will be restricted fence with access gates		

Permit Number: SOP-_____

Attach required additional Engineering Report Information (see website for more information)	
☒ Topographic map (1:25,000 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 Pollution Control (WPC) 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 100 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 disposal 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 1200-4-6-.14(2) and upon issue of a State Operating Permit and Sewage System Construction Approval by the Department. Describe the following: 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 1200-4-6-.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 demographics 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) see 2.0 ☒ A general description of all past and present groundwater uses as well as the general groundwater flow direction and general water quality. see 3.0 ☒ A general description of the population and cultural development within the AOR, i.e. ☒ agricultural, ☐ commercial, ☒ residential or ☐ mixed. see 4.0 ☒ Nature of injected fluid to include physical, chemical, biological or radiological characteristics. see 5.0 ☒ 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 see 6.0 ☐ If the proposed system is located within a wellhead protection area or source water protection area designated by Rule 1200-5-1-.34, show the boundary of the protection area on the facility site plan. ☒ Description of system. Volumes of injected fluid in gallons per day based upon design flow, including any monitoring wells see 7.0 ☒ Nature and type of system, including installed dimensions of wells and construction materials see 8.0	
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):☒ N/APond use: ☐ Reservoir ☐ Sedimentation ☐ Cooling ☐ Other (describe):

Describe pond use and operation:

Permit Number: SOP-_____

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? ☐ Yes ☐ No

If so, describe disposal plan:

Is the pond ever dewatered? ☐ Yes ☐ No

If so, describe the purpose for dewatering and procedures for disposal of wastewater and/or sludge:

Is(are) the pond(s) aerated? ☐ Yes ☐ 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)? ☐ Yes ☐ No

Describe the liner material (if soil liner is used give the compaction specifications):

Is there an emergency overflow structure? ☐ Yes ☐ No

If so, provide a design drawing of structure.

Are monitoring wells or lysimeters installed near or around the pond(s)? ☐ Yes ☐ No

If so, provide location information and describe monitoring protocols (attach additional sheets as necessary):

Attach required additional information☐ Topographic map (1:24,000 scale presented at a six inch by six inch minimum size) showing the location of the project including GPS coordinates, latitude and longitude in decimal degree quadrangle name 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, roads, property boundaries, and sensitive areas such as streams, lakes, springs, wells, wellhead protection areas, sinkholes and wetlands.

The area of review (AOR) for each holding pond shall, unless otherwise specified by the Department, consist of the area lying within and below a one mile radius of the holding pond site or facility, and shall include, but not be limited to surface geographic features, subsurface geology, and demographic and cultural features within the area. Attach to this part of the application a complete characterization of the AOR, including the following: (This can be in narrative form.)

☐ Description of all past and present uses of groundwater within the AOR, as documented by public record.☐ Description of the groundwater hydrology within the AOR, including characteristics of all subsurface aquifers, presence or absence of solution development features, general direction of groundwater movement, and chemical characteristics of the ground waters in the AOR.☐ Description of the population and cultural development within the AOR, including the number of persons living within one mile of the well or facility, land uses within the AOR, and the existence of any community, state, regional or national parks, wildlife refuges, natural or wilderness areas, recreational or other public-use areas, or any other environmentally sensitive features within the area of review.☐ 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.☐ Identify any surface water intake, which supplies a public water distribution system and is located within the AOR or within three miles topographically down gradient from the well or facility. If any such intake(s) wells or springs exist, then locate on map

Permit Number: SOP-_____

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	☐ Parking Lot(s): sq. ft.	
☐ Trucks	☐ Windows: sq. ft.	
☐ Trailers (interior washing of dump-trailers, or tanks, is prohibited.)	☐ Structures (describe):	
☐ Other (describe): _____		
Wash operations take place at (check all that apply):		
☐ Car sales lot(s)	☐ Public parking lot(s)	
☐ Private industry lot(s)	☐ Private property(ies)	
☐ County(ies), list: _____	☐ Statewide	
Wash equipment description:		
☐ Truck mounted	☐ Trailer mounted	
☐ Rinse tank size(s) (gal.):	☐ Mixed tanks size(s) (gal.):	
☐ Collection tank size(s) (gal.):	Number of tanks per vehicle:	
Pressure washer: psi (rated) gpm (rated)	Pressure washer: ☐ 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 domestic 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, or 180 days prior to the expiration date, 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 visit the Division of Water Pollution Control World Wide Web site at <http://www.state.tn.us/environment/wpc> for more information. The application will be considered incomplete absent any 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 of the owner, and list all current areas of operation by city and county.

Wastewater Collection System These types of systems require engineering reports, refer to the website (<http://www.tdec.net/wpc/>) for more information.

Land Application Treatment System These types of systems require engineering reports, refer to the website (<http://www.tdec.net/wpc/>) for more information. Public access to the land application and 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 the website (<http://www.tdec.net/wpc/>) for more information.

Holding Ponds Given that annual rainfall onto open ponds exceeds annual evaporation (in Tennessee), the permittees 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. Wastewater 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 Tennessee industrial stormwater multi-sector general permit TMSIP, refer to the website (<http://www.tdec.net/permits/stmk20.shtml>) 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 in which such sites are located. Note that this permit covers operations within the State 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 apply. 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 There is a \$250 authorization fee for residential SFDS and \$500 fee for commercial SFDS and commercial holding lagoons. An annual maintenance fee is required and you will be invoiced at a later date.

Submitting the form and obtaining more information Note that a responsible corporate officer, owner, general partner or proprietor, principal governmental executive officer, or highest ranking elected official must sign this form. (See Regulation 1200-4-5-.05(a) for exact authorized signatures.). For more information, contact your local EFO at the toll-free number 1-888-891-8332 (TDHC). Submit three complete applications (keep a copy for your records) to the appropriate EFO for the county(ies) where the facility is located, addressed to Attention: WPC, Permit Section Manager.

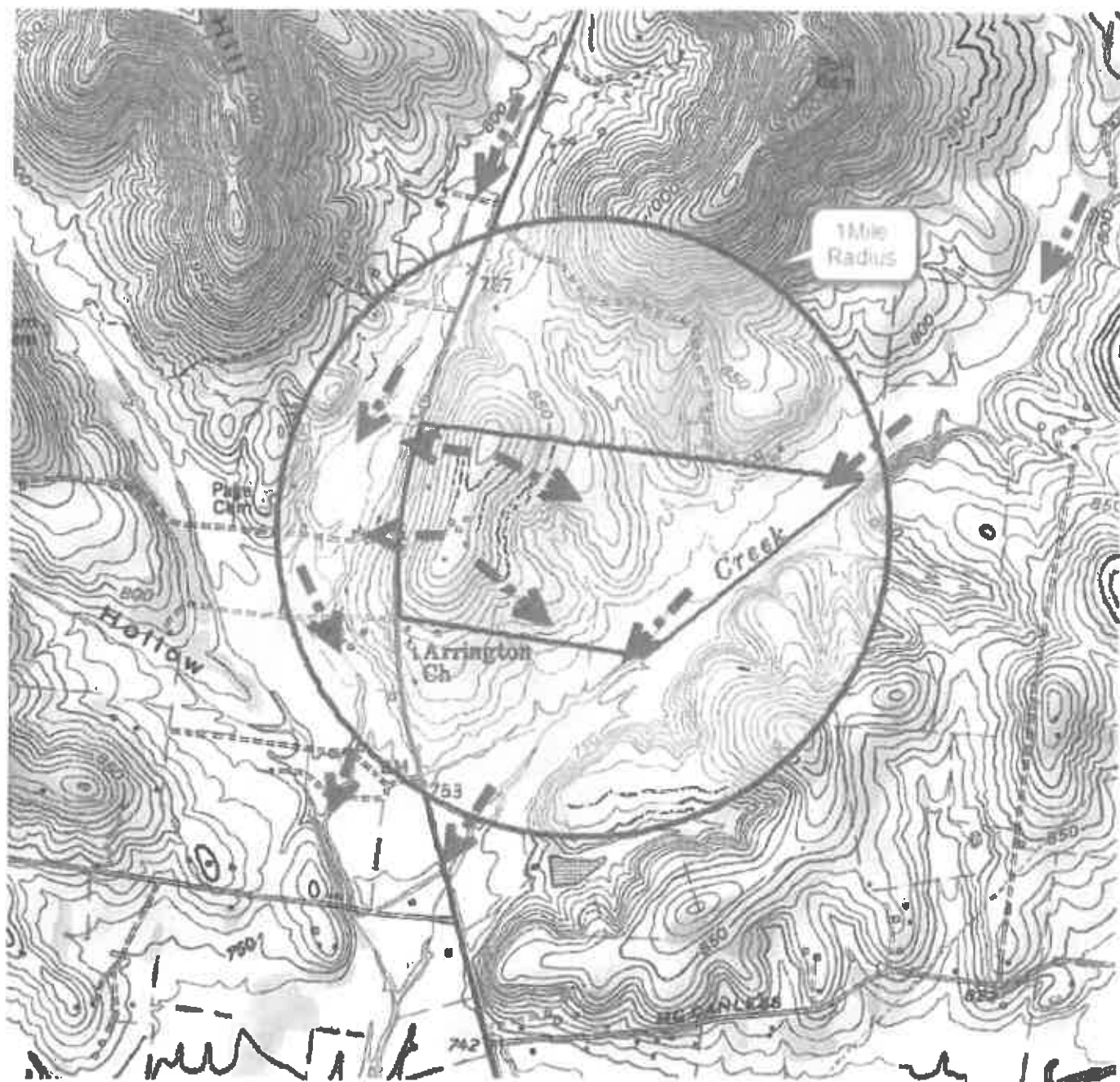
EFO	Street Address	Zip Code	EFO	Street Address	Zip Code
Memphis	2510 Mt. Moriah Road STE B-645	38115-1520	Cookeville	1221 South Willow Ave.	38506
Jackson	1825 Hollywood Dr	38305-4316	Chattanooga	540 McCallie Avenue STE 550	37402-2013
Nashville	711 R E Gess Boulevard	37243	Knoxville	3711 Middlebrook Pike	37921
Columbia	2484 Park Pine Drive	38401	Johnson City	2305 Silverdale Road	37601

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 will publish a draft permit or provide the applicant with a Notice of Intent to Deny the permit application. 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 or denied for cause. 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



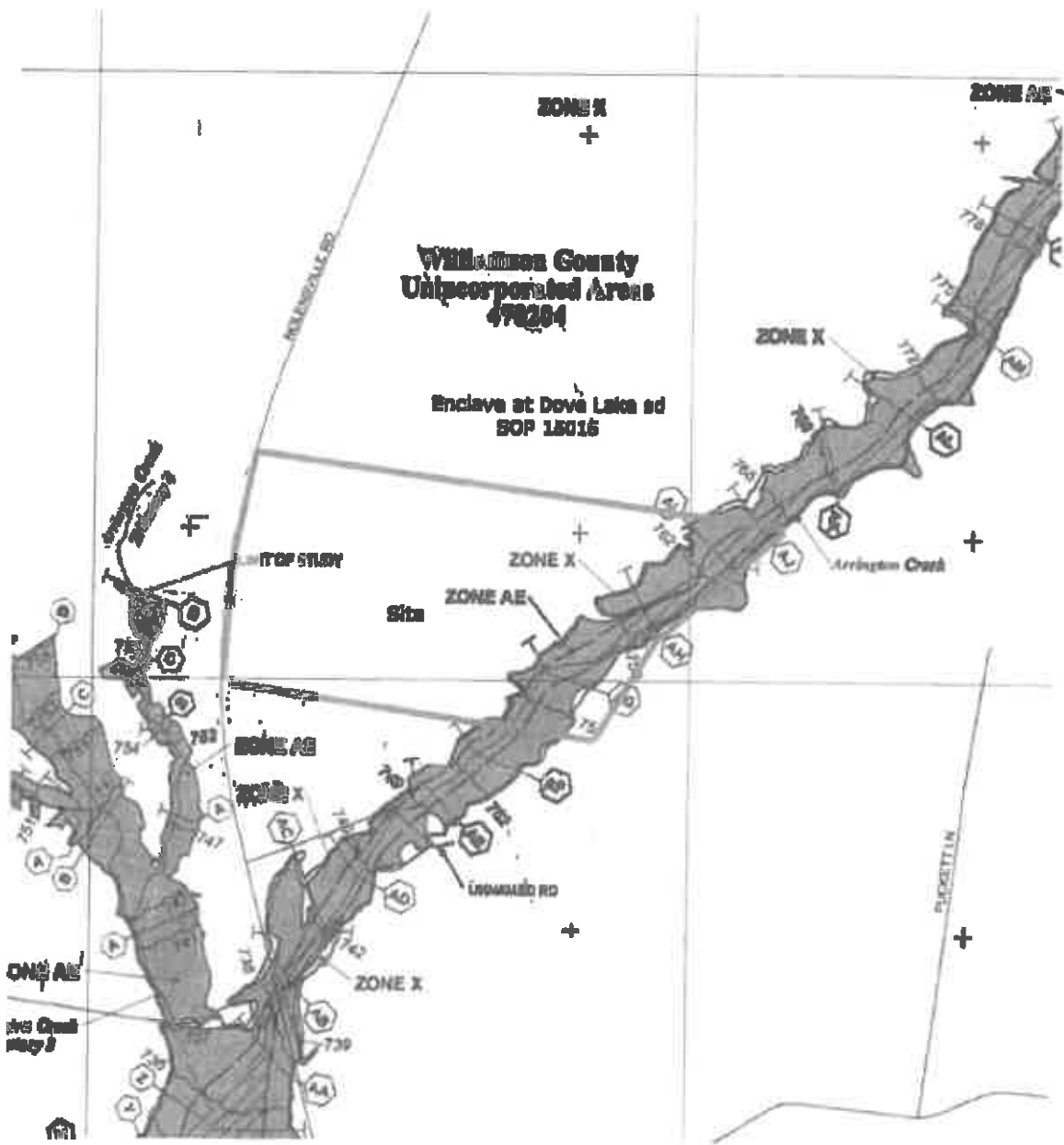
Area of Review

SEC Project No. 16246



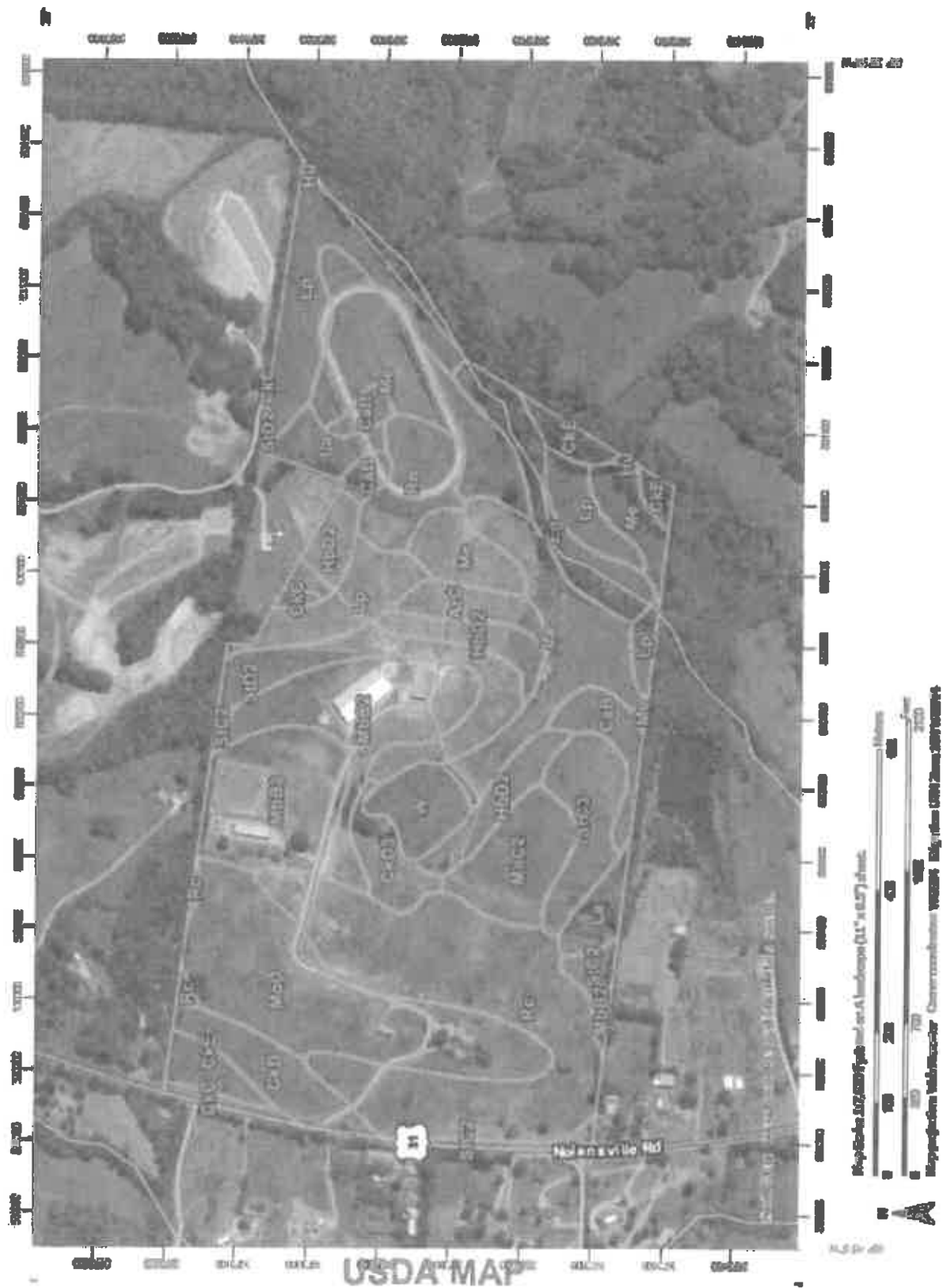
Aerial Map

SEC Project No. 16246



FEMA MAP **100-Year Floodplain and Elevations**

SEC Project No. 10246



National Cooperative Soil Survey

SEC Project No. 16246

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
A-C	Aamow silt loam, 5 to 12 percent slopes	2.8	1.9%
CaB	Capina silt loam, phosphatic, 2 to 5 percent slopes	4.2	2.8%
CkC	Cullaciz silt loam, 5 to 12 percent slopes	1.0	0.6%
CkD	Cullaciz silt loam, 12 to 20 percent slopes	4.8	2.7%
CkD3	Cullaciz silt loam, 12 to 20 percent slopes, severely eroded	2.6	1.7%
CkE	Cullaciz silt loam, 20 to 35 percent slopes	3.7	2.4%
Eg	Egan silt loam, phosphatic	5.1	3.2%
HuD2	Hungate silt loam, 12 to 20 percent slopes, eroded	7.8	4.8%
Hu	Huntington silt loam, phosphatic	0.2	0.1%
La	Landon silt loam, phosphatic	12.7	7.9%
Lp	Lindell silt loam, 0 to 2 percent slopes, occasionally flooded	14.5	9.1%
MbB2	Mary silt loam, 2 to 5 percent slopes, eroded	9.5	6.0%
MbC2	Mary silt loam, 5 to 12 percent slopes, eroded	15.0	9.4%
Mis	Mitch silt loam, phosphatic	15.1	9.5%
MoD	Monard-Monard-Rock outcrop complex, 5 to 15 percent slopes	19.5	12.5%
Rb	Robertville silt loam, phosphatic	4.5	2.8%
Ro	Rockland	23.8	14.9%
SvC3	Silverville clay loam, 5 to 12 percent slopes, severely eroded	4.6	3.0%
SvC2	Silverville silt loam, 5 to 12 percent slopes, eroded	1.9	1.2%
SvD2	Silverville silt loam, 12 to 20 percent slopes, eroded	7.0	4.4%
W	Wier	3.2	2.0%
Totals for Area of Interest		139.4	100.0%

3.0 Groundwater General Description

The attached USGS maps indicate the Ozburn Treatment Facility for wastewater treatment area drainage flow path is to the east discharging into Arrington Creek. The site is comprised of approximately 160 acres. The topography is mainly gently rolling to rolling slopes of 5 - 15 %. The property is bound on the west by Nolensville Pike, east by Arrington Creek, North by Enclave at Dove Lake Sd (SOP 15015), and south by large tracts. Roughly 15% of the site is wooded and the 7 acres for drip dispersal is mostly cleared.

The above mentioned property has typically been used for pasture land. Groundwater was used historically to provide water. At this time the area is served by Nolensville College Grove Utility District for water.

It is assumed that the groundwater movement and surface flows are to the east to Arrington Creek.

See attached maps and USDA soils info under Section 2 Area of Review.

4.0 Population General Description

The majority of the Area of Review is agriculture land used primarily for pasture with large residential tracts. The vacant property to the north is The Enclave at Dove Lake subdivision currently under construction with a current SOP 15015. See attached aerial map of property under Section 2 Area of Review.

5.0 Nature of Fluid

The Ozburn Treatment Facility for (~99 residential lots plus amenity center) will have a peak design discharge of approximately 30,300 gpd of domestic wastewater. The effluent quality is typical domestic residential treated wastewater that meets State Operating Permit limits.

Daily Flow

Number of 3-BR Buildable Residential Lots	99 lots
Daily Flow for 3-BR	300 gpd/lot
Amenity Center	600 gpd
Daily Flow	30300 gpd

Land Application Area

Land Application Area	0.2 gal/sf/day*
Total Area Required	151500 s.f.
or	3.48 acres

* assumed soil absorption rate

Number of Required Zones

Length per zone (@ 5' o.c.)	4300 L.F.
Number of Zones	7.0 Zones

Land Reserve Area

Area per lot	100% S.F./lot
Total Area Required	151500 S.F.
or	3.48 acres

Total Soils Area Required (Land Application + Reserve)

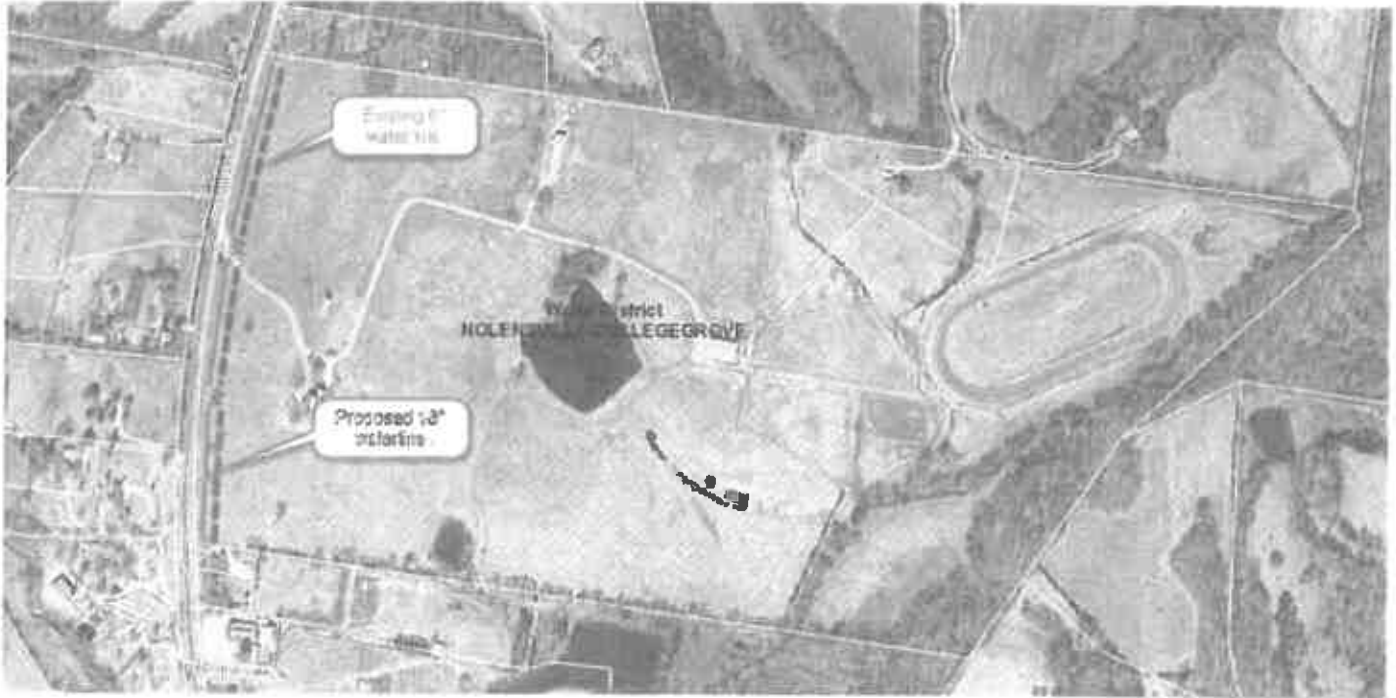
303000 s.f.	6.96 acres
-------------	------------

Sand Filter Size

5 gal/S.F./day	
30300 gpd	
Area Req'd	6060 S.F.
Use Filter No.	55' x 116.5'

6.0 General Location of Publicly Supplied Water

The area will be served by Nolensville College Grove Utility District. See attachment next page.



7.0 Description of System

Treated wastewater, approximately 30,300 gpd, is pumped through arkal filter units and then 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.

8.0 Nature and Type of System

Treated wastewater from the subdivision will first be pumped from numerous water tight septic tanks at each lot. Gray water is pumped from the septic tank via a small diameter pressure collection line to a recirculating sand filter (RSF) treatment. The wastewater will then cycle through the RSF before discharging into the final dose tank. From the final dose tank, the treated wastewater is pumped through arkal filter units and then distributed through the drip dispersal lines within the approved soil site.

Ex. 20

WATER AND WASTEWATER OPERATOR CERTIFICATION BOARD



NAME AND MAILING ADDRESS

Jesse J Hutcherson
5955 Greenbriar Road
Franklin, TN 37064

STATE OF TENNESSEE	
DEPARTMENT OF ENVIRONMENT AND CONSERVATION	
WATER AND WASTEWATER OPERATOR CERTIFICATION BOARD	
EXP. NO.	RENEWAL NO.
15047	99311
EXPIRATION DATE	
12/31/2019	
THIS IS TO CERTIFY THAT:	
Jesse J Hutcherson	
IS IN GOOD STANDING WITH THE BOARD FOR THE CLASSIFICATIONS LISTED:	
BNS	
CS2	

WHEN CORRESPONDING, PLEASE REFER TO YOUR I.D. NUMBER
AND EXPIRATION DATE OF LICENSE

EX. 23

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02/12/19

Accrual Basis

Tennessee Wastewater Systems, Inc.

Balance Sheet

As of December 31, 2018

	Dec 31, 18
ASSETS	
Current Assets	
Checking/Savings	
131 - Cash	
131.1 - AmSouth - CD	1,403.85
131.6 - Pinnacle CIAC (010294705)	959.83
131.7 - Pinnacle Checking	2,841.94
131.14 - FirstBank - Checking	495,998.48
131.15 - FirstBank - Rider Depository	84,616.80
131.16 - FirstBank - CIAC	709,959.03
Total 131 - Cash	1,275,777.73
Total Checking/Savings	1,275,777.73
Accounts Receivable	
141 - Customer A/R	
141.1 - Sewer Service	
141.12 - East TN	141,267.85
141.1 - Sewer Service - Other	231,605.12
Total 141.1 - Sewer Service	372,872.77
143 - Bad Debt Reserve	244,860.96
141 - Customer A/R - Other	69,148.00
Total 141 - Customer A/R	686,881.73
Total Accounts Receivable	686,881.73
Other Current Assets	
Allowance for Bad Debt	-230,422.63
99.99 - Customer Count Offset	
99.01 - Customer Count - Rate Class 1	22,455.00
99.02 - Customer Count - Rate Class 2	424.00
99.03 - Customer Count - Rate Class 5	804.00
99.04 - Customer Count - Rate Class 6	1,894.00
99.05 - Customer Count - Rate Class 9	2,398.00
99.06 - Customer Count - Comm Cabin	8,363.00
99.07 - Customer Count - Comm w/ Food	294.00
99.08 - Customer Count - Comm Nonfood	512.00
99.99 - Customer Count Offset - Other	-37,144.00
Total 99.99 - Customer Count Offset	
161.00 - Plant Material & Supplies	83,895.89
133 - Deposit - Williamson County	5,000.00
174 - Misc. Current and Accrued Asset	
174.2 - Construction Pass-Maple Green	-13,693.01
Total 174 - Misc. Current and Accrued Asset	-13,693.01
Total Other Current Assets	-155,219.95
Total Current Assets	1,807,439.51
Fixed Assets	
105.0 - Construction In Process	
105.1 - Smoky Village	14,167.34
105.2 - Maple Green	65,385.24
105.3 - Cedar Hill	135,112.55
105.0 - Construction In Process - Other	416,210.42
Total 105.0 - Construction In Process	630,865.55
101 - Utility Plant In Service	
354 - Structures & Improv - Capital	18,568.95
360.5 - Sewer Force Main - Capital	93,346.43
353.5 - Land - Capital Asset	41,830.50
353 - Land	2,772,270.89

3:23 PM

02/12/19

Accrual Basis

Tennessee Wastewater Systems, Inc.

Balance Sheet

As of December 31, 2018

	Dec 31, 18
360 • Collection Sewers-Force	210,000.00
361 • Collection Sewers-Gravity	2,371,714.00
380 • Treatment and Disposal Equip	17,309,794.72
390 • Office Furniture & Misc. Equip	271,184.59
391 • Transportation Equipment	379,259.27
Total 101 • Utility Plant in Service	23,467,967.35
108 • Accum. Deprec.-Utility Plant	-9,126,625.54
108.1 • Accum. Deprec.- Equip	-340,868.14
108.2 • Accum. Deprec.Cap. - Buildings	-1,053.99
108.3 • Accum. Deprec.Cap. - Force Main	-2,594.89
Total Fixed Assets	14,627,680.34
Other Assets	
Deferred Tax Benefits	600.29
Total Other Assets	600.29
TOTAL ASSETS	16,435,720.14
LIABILITIES & EQUITY	
Liabilities	
Current Liabilities	
Accounts Payable	
231 • Accounts Payable	149,681.08
Total Accounts Payable	149,681.08
Other Current Liabilities	
236.12 • Tax from CIAC	3,826.00
2110 • Direct Deposit Liabilities	0.01
241 • Misc. Current & Accrued Liab.	
241.1 • Payroll Liabilities	
241.1.6 • Aflac Payable	99.72
241.1.5 • Workers Comp Payable	800.47
241.1.1 • SUI	37.87
241.1.3 • FUTA	45.45
241.1.4 • Simple IRA Payable	1,847.86
Total 241.1 • Payroll Liabilities	2,831.37
Total 241 • Misc. Current & Accrued Liab.	2,831.37
242 • Intercompany Liabilities	
242.1 • Intercompany-Adenus Group	-492,168.46
242.10 • Intercompany-ALWW	-5,475.02
242.5 • Intercompany-Adenus Operations	2,538,118.30
242.6 • Adenus Technologies	191,534.26
242.7 • Intercompany-Commonwealth	-2,074.78
242.9 • Intercompany Cash	-1,487,957.74
Total 242 • Intercompany Liabilities	741,976.57
Total Other Current Liabilities	748,633.95
Total Current Liabilities	898,315.03
Long Term Liabilities	
232 • Notes Payable	
232.3 • Wilson B&T (2) 2016 Chevy Truck	18,859.62
232.6 • First Bank - Truck	3,847.89
232.7 • First Bank - Mini X	14,621.33
232.8 • First Bank - Truck - ETN	8,395.63
232.9 • Wilson B&T - (2) Skid Steers	63,481.56
232.10 • Wilson B&T - ETN Truck	31,340.27
232.11 WB&T - Truck	33,591.42

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Accrual Basis

Tennessee Wastewater Systems, Inc.

Balance Sheet

As of December 31, 2018

	Dec 31, 18
232.12 - FB Environmental Loan - RR	193,148.79
Total 232 - Notes Payable	387,286.51
265 - Misc. Operating Reserves	
265.1 - Inspection Costs	129,515.00
265.2 - Sewer Sys/Comp Repl - Post 2006	-126,579.51
265.4 - Eudally Reserve	53,855.25
Total 265 - Misc. Operating Reserves	56,790.74
Total Long Term Liabilities	424,077.25
Total Liabilities	1,322,392.28
Equity	
215 - Retained Earnings	272,551.23
271 - Cont. In Aid of Construction	
271.1 - CIAC - Williamson County	1,519,200.00
271.5 - CIAC -ETN Capital	28,020.00
271 - Cont. In Aid of Construction - Other	22,804,451.72
Total 271 - Cont. In Aid of Construction	24,151,671.72
272 - Accum. Amort. on CIAC	-9,143,048.91
Net Income	-167,846.18
Total Equity	15,113,327.86
TOTAL LIABILITIES & EQUITY	16,436,720.14

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Accrual Basis

Tennessee Wastewater Systems, Inc.

Profit & Loss

January through December 2018

	Jan - Dec 18
Ordinary Income/Expense	
Income	
400 • Operating Revenues	
521 • Flat Rate Revenues	
521.1 • Residential-Flat Sewer	
521.1.1 • Residential Rate 1	801,467.32
521.1.2 • Residential Rate 2	14,984.27
521.1.3 • Residential Rate 5	30,600.90
521.1.4 • Residential Rate 6	58,923.27
521.1.5 • Residential Rate 9	150,175.19
521.1 • Residential-Flat Sewer - Other	-12.27
Total 521.1 • Residential-Flat Sewer	1,056,118.68
521.2 • Commercial Sewer	
521.2.1 • Commercial Cabin	454,754.43
521.2.2 • Commercial w/ Food	219,946.94
521.2.3 • Commercial Nonfood	86,821.73
521.2 • Commercial Sewer - Other	
Total 521.2 • Commercial Sewer	761,523.10
Total 521 • Flat Rate Revenues	1,817,641.78
536 • Other Wastewater Revenues	
536.1 • Sewer Access Fees	173,122.72
536.3 • Operations & Maintenance	362.57
536.4 • Billing & Collections	-160.87
536.5 • Bonding	4,181.83
536.6 • Franchise Income	3,389.55
536.7 • Bloxide	
536.9 • Penalty Fees	14,651.23
536.10 • Disconnect/Reconnect Charges	3,889.20
536.12 • Legal Expense Rate Rider	7,473.15
536.13 • Environmental Repairs Rider	61,953.28
536 • Other Wastewater Revenues - Other	60.00
Total 536 • Other Wastewater Revenues	268,722.46
Total 400 • Operating Revenues	2,086,364.24
421 • Nonutility Income	
421.6 • Developer Income	208,250.00
Total 421 • Nonutility Income	208,250.00
Total Income	2,292,614.24
Gross Profit	2,292,614.24
Expense	
401 • Operating Expenses	
701.6 • Salary & Wages - Construction	67,303.56
701 • Salaried and Wages - Employees	574,853.72
704 • Employee Benefits	
704.2 • Life Insurance	2,091.02
704.1 • Workers Compensation	16,196.48
Total 704 • Employee Benefits	18,287.50
705 • Simple IRA	14,610.54
710 • Purchased Wastewater Treatment	116,597.48
716 • Purchased Power	160,563.11
718 • Telemetry Monitoring	173,192.27
718 • Bloxide	3,680.00
720 • Materials and Supplies	190,518.70
731 • Contractual Svc - Professional	25,594.09
735 • Contractual Svc - Testing	7,932.30

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Accrual Basis

Tennessee Wastewater Systems, Inc.
Profit & Loss
 January through December 2018

	Jan - Dec 18
736 - Contractual Services	
736.02 - Contract Maintenance	12,247.24
736.03 - Contractual Svc	1,505.00
736.04 - Subcontract Work	1,700.00
736.08 - Lawn Mowing	28,082.60
736.10 - One-Call Expenses	5,831.15
736.12 - AUG - MGMT Fees	321,266.63
736.13 - IT Expenses	74,238.35
Total 736 - Contractual Services	444,840.97
740 - Rent	60,945.00
750 - Transportation Expense	
750.3 - Registration Renewal	617.65
750.1 - Fuel	66,022.50
750.2 - Vehicle Maintenance	25,954.53
Total 750 - Transportation Expense	92,594.68
755 - Insurance	
755.10 - Dental Insurance	2,255.45
755.8 - Auto Insurance	18,330.95
755.9 - Health Insurance	10,659.97
755 - Insurance - Other	6,916.03
Total 755 - Insurance	38,162.40
765 - Regulatory Commission Exp.	
765.3 - Inspection Fee	8,279.28
Total 765 - Regulatory Commission Exp.	8,279.28
770 - Bad Debt	7,875.07
775 - Miscellaneous Expenses	
775.21 - Website and Internet Hosting	728.21
775.27 - Equipment Maintenance	7,177.18
775.26 - Equipment Rental	19,405.66
775.25 - Small Equipment Purchase	329.58
775.1 - Telephone	10,315.09
775.10 - Office Supplies	1,033.90
775.11 - Letter of Credit - Fees	
775.111 - LC Fee - State Wide	10,500.00
Total 775.11 - Letter of Credit - Fees	10,500.00
775.12 - Depreciation Expense	124,529.88
775.2 - Postage	9,939.26
775.20 - Software Licenses	23,132.50
775.3 - Licenses & Permits	43,248.18
775.4 - Membership Dues	40.00
775.6 - Franchise Fees	3,382.73
775 - Miscellaneous Expenses - Other	1,800.03
Total 775 - Miscellaneous Expenses	255,558.20
401 - Operating Expenses - Other	314.41
Total 401 - Operating Expenses	2,281,703.28
408 - Taxes Other than Income	
408.1 - Property Taxes	59,155.14
408.3 - Franchise & Excise	58,000.00
408.12 - Payroll Taxes	49,702.65
Total 408 - Taxes Other than Income	166,857.79
426 - Misc. Nonutility Expenses	
426.91 - Lodging	155.07
426.9 - Meals and Entertainment	6,236.67

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Accrual Basis

Tennessee Wastewater Systems, Inc.

Profit & Loss

January through December 2018

	Jan - Dec 18
426.1 · Dues and Subscriptions	2,580.33
426.2 · Bank & NSF Fees	8,286.72
426.3 · Miscellaneous	7,246.61
426.7 · Construction Expense	1,200.00
426 · Misc. Nonutility Expenses - Other	362.59
Total 426 · Misc. Nonutility Expenses	26,067.99
427 · Interest Expense	
427.2 · Loan Interest	10,451.36
Total 427 · Interest Expense	10,451.36
Total Expense	2,465,080.42
Net Ordinary Income	-172,466.18
Other Income/Expense	
Other Income	
421.8 · Misc. Income	4,620.00
Total Other Income	4,620.00
Net Other Income	4,620.00
Net Income	-167,846.18

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Tennessee Wastewater Systems, Inc.
Statement of Cash Flows
January through December 2018

	Jan - Dec 18
OPERATING ACTIVITIES	
Net Income	-167,846.18
Adjustments to reconcile Net Income to net cash provided by operations:	
141 - Customer A/R	-32,222.25
141 - Customer A/R:141.1 - Sewer Service	87,189.49
141 - Customer A/R:141.1 - Sewer Service:141.12 - East TN	163,254.38
141 - Customer A/R:143 - Bad Debt Reserve	-244,860.97
99.99 - Customer Count Offset	37,144.00
99.99 - Customer Count Offset:99.01 - Customer Count - Rate Class 1	-22,455.00
99.99 - Customer Count Offset:99.02 - Customer Count - Rate Class 2	-424.00
99.99 - Customer Count Offset:99.03 - Customer Count - Rate Class 5	-804.00
99.99 - Customer Count Offset:99.04 - Customer Count - Rate Class 6	-1,894.00
99.99 - Customer Count Offset:99.05 - Customer Count - Rate Class 9	-2,398.00
99.99 - Customer Count Offset:99.06 - Customer Count - Comm Cabin	-8,363.00
99.99 - Customer Count Offset:99.07 - Customer Count - Comm w/ Food	-294.00
99.99 - Customer Count Offset:99.08 - Customer Count - Comm Nonfood	-512.00
161.00 - Plant Material & Supplies	29,990.13
174 - Misc. Current and Accrued Asset:174.2 - Construction Pass-Maple Green	15,884.61
174 - Misc. Current and Accrued Asset:174.5 - UMS Undeposited Funds	0.23
174 - Misc. Current and Accrued Asset:174.6 - Prepaid Expenses	5,546.41
231 - Accounts Payable	-32,288.23
236.12 - Tax from CIAC	3,826.00
2110 - Direct Deposit Liabilities	0.01
241 - Misc. Current & Accrued Liab.:241.1 - Payroll Liabilities:241.1.6 - Affac Payable	99.72
241 - Misc. Current & Accrued Liab.:241.1 - Payroll Liabilities:241.1.5 - Workers Comp Payable	-352.41
241 - Misc. Current & Accrued Liab.:241.1 - Payroll Liabilities:241.1.1 - SUI	-30.03
241 - Misc. Current & Accrued Liab.:241.1 - Payroll Liabilities:241.1.2 - Payroll Taxes Payable	550.58
241 - Misc. Current & Accrued Liab.:241.1 - Payroll Liabilities:241.1.3 - FUTA	-7.91
241 - Misc. Current & Accrued Liab.:241.1 - Payroll Liabilities:241.1.4 - Simple IRA Payable	296.08
242 - Intercompany Liabilities:242.1 - Intercompany-Adenus Group	248,857.41
242 - Intercompany Liabilities:242.5 - Intercompany-Adenus Operations	74,304.16
242 - Intercompany Liabilities:242.6 - Adenus Technologies	-499.25
242 - Intercompany Liabilities:242.9 - Intercompany Cash	-20,000.00
Net cash provided by Operating Activities	131,511.88
INVESTING ACTIVITIES	
105.0 - Construction In Process	71,237.47
105.0 - Construction In Process:105.1 - Smoky Village	-14,167.34
105.0 - Construction In Process:105.2 - Maple Green	-85,366.24
105.0 - Construction In Process:105.3 - Cedar Hill	-135,112.55
101 - Utility Plant In Service:353 - Land	-59,327.89
101 - Utility Plant In Service:390 - Office Furniture & Misc. Equip	-2,578.63
101 - Utility Plant In Service:391 - Transportation Equipment	-57,770.49
106 - Accum. Deprec.-Utility Plant	650,744.37
106.1 - Accum. Deprec.- Equip	210,532.08
106.2 - Accum. Deprec.Cap. - Buildings	742.68
106.3 - Accum. Deprec.Cap. - Force Main	1,866.93
Net cash provided by Investing Activities	600,801.39
FINANCING ACTIVITIES	
232 - Notes Payable:232.3 - Wilson B&T (2) 2016 Chevy Truck	-27,309.52
232 - Notes Payable:232.4 - Wilson B&T - (2) 2014 F250	-13,705.95
232 - Notes Payable:232.5 - James A Lyon - Dyer's Hollow	-9,646.88
232 - Notes Payable:232.6 - First Bank - Truck	-8,998.14
232 - Notes Payable:232.7 - First Bank - Mini X	-18,923.88
232 - Notes Payable:232.8 - First Bank - Truck - ETN	-9,720.95
232 - Notes Payable:232.9 - Wilson B&T - (2) Skid Steers	-24,161.68
232 - Notes Payable:232.10 - Wilson B&T - ETN Truck	-9,686.71
232 - Notes Payable:232.11 - WB&T - Truck	33,591.42
232 - Notes Payable:232.12 - FB Environmental Loan - RR	193,148.79
265 - Misc. Operating Reserves:265.2 - Sewer Sys/Comp Repl - Post 2006	273,685.33
265 - Misc. Operating Reserves:265.4 - Eudaily Reserve	-64,064.88
271 - Cont. In Aid of Construction:271.1 - CIAC - Williamson County	777,600.00
271 - Cont. In Aid of Construction:271.5 - CIAC -ETN Capital	14,420.00

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Tennessee Wastewater Systems, Inc.
Statement of Cash Flows
January through December 2018

	Jan - Dec 18
272 • Accum. Amort. on CIAC	-739,358.18
Net cash provided by Financing Activities	386,872.77
Net cash increase for period	1,099,186.04
Cash at beginning of period	176,591.69
Cash at end of period	1,275,777.73

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Tennessee Wastewater Systems, Inc.
Account Listing
February 12, 2019

Account	Acct. #
131 - Cash	131
131 - Cash:131.1 - AmSouth - CD	131.1
131 - Cash:131.5 - Pinnacle CIAC (010294705)	131.5
131 - Cash:131.7 - Pinnacle Checking	131.7
131 - Cash:131.14 - FirstBank - Checking	131.14
131 - Cash:131.15 - FirstBank - Rider Depository	131.15
131 - Cash:131.16 - FirstBank - CIAC	131.16
Accounts Receivable	
141 - Customer A/R	141
141 - Customer A/R:141.1 - Sewer Service	141.1
141 - Customer A/R:141.1 - Sewer Service:141.12 - East TN	141.12
141 - Customer A/R:143 - Bad Debt Reserve	143
Cost Variance	
Inventory Asset	
Allowance for Bad Debt	
99.99 - Customer Count Offset	99.99
99.99 - Customer Count Offset:99.01 - Customer Count - Rate Class 1	99.01
99.99 - Customer Count Offset:99.02 - Customer Count - Rate Class 2	99.02
99.99 - Customer Count Offset:99.03 - Customer Count - Rate Class 5	99.03
99.99 - Customer Count Offset:99.04 - Customer Count - Rate Class 6	99.04
99.99 - Customer Count Offset:99.05 - Customer Count - Rate Class 9	99.05
99.99 - Customer Count Offset:99.06 - Customer Count - Comm Cabin	99.06
99.99 - Customer Count Offset:99.07 - Customer Count - Comm w/ Food	99.07
99.99 - Customer Count Offset:99.08 - Customer Count - Comm Nonfood	99.08
151.00 - Plant Material & Supplies	151.00
133 - Deposit - Williamson County	133
1499 - Undeposited Funds	1499
174 - Misc. Current and Accrued Asset	174
174 - Misc. Current and Accrued Asset:174.2 - Construction Pass-Maple Green	174.2
174 - Misc. Current and Accrued Asset:174.5 - UMS Undeposited Funds	174.5
174 - Misc. Current and Accrued Asset:174.6 - Prepaid Expenses	174.6
Capital Equipment	
105.0 - Construction In Process	105.0
105.0 - Construction In Process:105.1 - Smoky Village	105.1
105.0 - Construction In Process:105.2 - Maple Green	105.2
105.0 - Construction In Process:105.3 - Cedar Hill	105.3
101 - Utility Plant In Service	101
101 - Utility Plant In Service:354 - Structures & Improv - Capital	354
101 - Utility Plant In Service:360.5 - Sewer Force Main - Capital	360.5
101 - Utility Plant In Service:363.6 - Land - Capital Asset	363.6
101 - Utility Plant In Service:380.5 - Treatment and Disposal- Capital	380.5
101 - Utility Plant In Service:363 - Land	363
101 - Utility Plant In Service:360 - Collection Sewers-Force	360
101 - Utility Plant In Service:361 - Collection Sewers-Gravity	361
101 - Utility Plant In Service:380 - Treatment and Disposal Equip	380
101 - Utility Plant In Service:390 - Office Furniture & Misc. Equip	390
101 - Utility Plant In Service:391 - Transportation Equipment	391
108 - Accum. Deprec.-Utility Plant	108
108.1 - Accum. Deprec.- Equip	108.1
108.2 - Accum. Deprec.Cap. - Buildings	108.2
108.3 - Accum. Deprec.Cap. - Force Main	108.3
108.4 - Accum. Deprec.Cap. - Treatment	108.4
175 - Security Deposits Paid	175
Deferred Tax Benefits	
231 - Accounts Payable	231
Shipping Accrual	
Accrued Current Taxes Payable	
236.12 - Tax from CIAC	236.12
2110 - Direct Deposit Liabilities	2110
241 - Misc. Current & Accrued Liab.	241
241 - Misc. Current & Accrued Liab.:241.1 - Payroll Liabilities	241.1
241 - Misc. Current & Accrued Liab.:241.1 - Payroll Liabilities:241.9 - OH Child Support	241.9
241 - Misc. Current & Accrued Liab.:241.1 - Payroll Liabilities:241.1.6 - Affac Payable	241.1.6
241 - Misc. Current & Accrued Liab.:241.1 - Payroll Liabilities:241.1.5 - Workers Comp Payable	241.1.5
241 - Misc. Current & Accrued Liab.:241.1 - Payroll Liabilities:241.1.1 - SUI	241.1.1
241 - Misc. Current & Accrued Liab.:241.1 - Payroll Liabilities:241.1.2 - Payroll Taxes Payable	241.1.2
241 - Misc. Current & Accrued Liab.:241.1 - Payroll Liabilities:241.1.3 - FUTA	241.1.3
241 - Misc. Current & Accrued Liab.:241.1 - Payroll Liabilities:241.1.4 - Simple IRA Payable	241.1.4

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Tennessee Wastewater Systems, Inc.
Account Listing
February 12, 2019

Account	Acct. #
241 · Misc. Current & Accrued Liab.:241.7 · Accrued Purchases	241.7
242 · Intercompany Liabilities	242
242 · Intercompany Liabilities:242.1 · Intercompany-Adenus Group	242.1
242 · Intercompany Liabilities:242.10 · Intercompany-ALWW	242.10
242 · Intercompany Liabilities:242.5 · Intercompany-Adenus Operations	242.5
242 · Intercompany Liabilities:242.6 · Adenus Technologies	242.6
242 · Intercompany Liabilities:242.7 · Intercompany-Commonwealth	242.7
242 · Intercompany Liabilities:242.9 · Intercompany Cash	242.9
232 · Notes Payable	232
232 · Notes Payable:232.3 · Wilson B&T (2) 2016 Chevy Truck	232.3
232 · Notes Payable:232.4 · Wilson B&T - (2) 2014 F250	232.4
232 · Notes Payable:232.5 · James A Lyon - Dyer's Hollow	232.5
232 · Notes Payable:232.6 · First Bank - Truck	232.6
232 · Notes Payable:232.7 · First Bank - Mini X	232.7
232 · Notes Payable:232.8 · First Bank - Truck - ETN	232.8
232 · Notes Payable:232.9 · Wilson B&T - (2) Skid Steers	232.9
232 · Notes Payable:232.10 · Wilson B&T - ETN Truck	232.10
232 · Notes Payable:232.11 WB&T - Truck	
232 · Notes Payable:232.12 · FB Environmental Loan - RR	232.12
265 · Misc. Operating Reserves	265
265 · Misc. Operating Reserves:265.1 · Inspection Costs	265.1
265 · Misc. Operating Reserves:265.2 · Sewer Sys/Comp Repl - Post 2006	265.2
265 · Misc. Operating Reserves:265.4 · Eudaly Reserve	265.4
215 · Retained Earnings	215
271 · Cont. in Aid of Construction	271
271 · Cont. in Aid of Construction:271.1 · CIAC - Williamson County	271.1
271 · Cont. in Aid of Construction:271.5 · CIAC -ETN Capital	271.5
272 · Accum. Amort. on CIAC	272
Shipping Income	
Sales Retail	
Discount Income	
400 · Operating Revenues	400
400 · Operating Revenues:521 · Flat Rate Revenues	521
400 · Operating Revenues:521 · Flat Rate Revenues:521.1 · Residential-Flat Sewer	521.1
400 · Operating Revenues:521 · Flat Rate Revenues:521.1 · Residential-Flat Sewer:521.1.1 · Resid...	521.1.1
400 · Operating Revenues:521 · Flat Rate Revenues:521.1 · Residential-Flat Sewer:521.1.2 · Resid...	521.1.2
400 · Operating Revenues:521 · Flat Rate Revenues:521.1 · Residential-Flat Sewer:521.1.3 · Resid...	521.1.3
400 · Operating Revenues:521 · Flat Rate Revenues:521.1 · Residential-Flat Sewer:521.1.4 · Resid...	521.1.4
400 · Operating Revenues:521 · Flat Rate Revenues:521.1 · Residential-Flat Sewer:521.1.5 · Resid...	521.1.5
400 · Operating Revenues:521 · Flat Rate Revenues:521.2 · Commercial Sewer	521.2
400 · Operating Revenues:521 · Flat Rate Revenues:521.2 · Commercial Sewer:521.2.1 · Commercial ...	521.2.1
400 · Operating Revenues:521 · Flat Rate Revenues:521.2 · Commercial Sewer:521.2.2 · Commercial ...	521.2.2
400 · Operating Revenues:521 · Flat Rate Revenues:521.2 · Commercial Sewer:521.2.3 · Commercial ...	521.2.3
400 · Operating Revenues:522 · Measured Revenues	522
400 · Operating Revenues:522 · Measured Revenues:522.1 · Residential	522.1
400 · Operating Revenues:536 · Other Wastewater Revenues	536
400 · Operating Revenues:536 · Other Wastewater Revenues:536.1 · Sewer Access Fees	536.1
400 · Operating Revenues:536 · Other Wastewater Revenues:536.3 · Operations & Maintenance	536.3
400 · Operating Revenues:536 · Other Wastewater Revenues:536.4 · Billing & Collections	536.4
400 · Operating Revenues:536 · Other Wastewater Revenues:536.5 · Bonding	536.5
400 · Operating Revenues:536 · Other Wastewater Revenues:536.5 · Bonding:536.5.1 · Bonding - Sta...	536.5.1
400 · Operating Revenues:536 · Other Wastewater Revenues:536.5 · Bonding:536.5.2 · Bonding - Goo...	536.5.2
400 · Operating Revenues:536 · Other Wastewater Revenues:536.5 · Bonding:536.5.3 · Bonding - Mli...	536.5.3
400 · Operating Revenues:536 · Other Wastewater Revenues:536.6 · Franchise Income	536.6
400 · Operating Revenues:536 · Other Wastewater Revenues:536.7 · Bloxide	536.7
400 · Operating Revenues:536 · Other Wastewater Revenues:536.9 · Penalty Fees	536.9
400 · Operating Revenues:536 · Other Wastewater Revenues:536.10 · Disconnect/Reconnect Charges	536.10
400 · Operating Revenues:536 · Other Wastewater Revenues:536.12 · Legal Expense Rate Rider	536.12
400 · Operating Revenues:536 · Other Wastewater Revenues:536.13 · Environmental Repairs Rider	536.13
419 · Interest Earned	419
421 · Nonutility Income	421
421 · Nonutility Income:421.2 · Gain/Loss on Sale of Assets	421.2
421 · Nonutility Income:421.3 · Utility Fee	421.3
421 · Nonutility Income:421.4 · Professional Services	421.4
421 · Nonutility Income:421.5 · Developer Income	421.5
421 · Nonutility Income:421.7 · Construction Income	421.7
Inventory Adjustment	
50000 · Cost of Goods Sold	50000

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Tennessee Wastewater Systems, Inc.
Account Listing
February 12, 2019

Account	Accnt. #
Non-Inventory	
Overhead	
Scrapped Inventory	
Shipping Expense	
Labor	
Internal Use	
Service	
Discount Expense	
401 - Operating Expenses	401
401 - Operating Expenses:701.6 - Salary & Wages - Construction	701.6
401 - Operating Expenses:701 - Salaries and Wages - Employees	701
401 - Operating Expenses:703 - Salaries and Wages - Officers	703
401 - Operating Expenses:704 - Employee Benefits	704
401 - Operating Expenses:704 - Employee Benefits:704.2 - Life Insurance	704.2
401 - Operating Expenses:704 - Employee Benefits:704.1 - Workers Compensation	704.1
401 - Operating Expenses:705 - Simple IRA	705
401 - Operating Expenses:710 - Purchased Wastewater Treatment	710
401 - Operating Expenses:715 - Purchased Power	715
401 - Operating Expenses:716 - Telemetry Monitoring	716
401 - Operating Expenses:718 - Biocide	718
401 - Operating Expenses:720 - Materials and Supplies	720
401 - Operating Expenses:731 - Contractual Svc - Professional	731
401 - Operating Expenses:735 - Contractual Svc - Testing	735
401 - Operating Expenses:736 - Contractual Services	736
401 - Operating Expenses:736 - Contractual Services:736.01 - Sign-up Costs	736.01
401 - Operating Expenses:736 - Contractual Services:736.02 - Contract Maintenance	736.02
401 - Operating Expenses:736 - Contractual Services:736.03 - Contractual Svc	736.03
401 - Operating Expenses:736 - Contractual Services:736.04 - Subcontract Work	736.04
401 - Operating Expenses:736 - Contractual Services:736.05 - Access Fees	736.05
401 - Operating Expenses:736 - Contractual Services:736.08 - Lawn Mowing	736.08
401 - Operating Expenses:736 - Contractual Services:736.10 - One-Call Expenses	736.10
401 - Operating Expenses:736 - Contractual Services:736.11 - Contractual Profit Sharing	736.11
401 - Operating Expenses:736 - Contractual Services:736.12 - AUG - MGMT Fees	736.12
401 - Operating Expenses:736 - Contractual Services:736.13 - IT Expenses	736.13
401 - Operating Expenses:736 - Contractual Services:736.9 - Adenus Group - MGMT Fees	736.9
401 - Operating Expenses:740 - Rent	740
401 - Operating Expenses:750 - Transportation Expense	750
401 - Operating Expenses:750 - Transportation Expense:750.3 - Registration Renewal	750.3
401 - Operating Expenses:750 - Transportation Expense:750.1 - Fuel	750.1
401 - Operating Expenses:750 - Transportation Expense:750.2 - Vehicle Maintenance	750.2
401 - Operating Expenses:755 - Insurance	755
401 - Operating Expenses:755 - Insurance:755.10 - Dental Insurance	755.10
401 - Operating Expenses:755 - Insurance:755.8 - Auto Insurance	755.8
401 - Operating Expenses:755 - Insurance:755.9 - Health Insurance	755.9
401 - Operating Expenses:765 - Regulatory Commission Exp.	765
401 - Operating Expenses:765 - Regulatory Commission Exp.:765.1 - Rate Case Work	765.1
401 - Operating Expenses:765 - Regulatory Commission Exp.:765.2 - Filing Fee	765.2
401 - Operating Expenses:765 - Regulatory Commission Exp.:765.3 - Inspection Fee	765.3
401 - Operating Expenses:770 - Bad Debt	770
401 - Operating Expenses:775 - Miscellaneous Expenses	775
401 - Operating Expenses:775 - Miscellaneous Expenses:DVF Misc Account	
401 - Operating Expenses:775 - Miscellaneous Expenses:775.21 - Website and Internet Hosting	775.21
401 - Operating Expenses:775 - Miscellaneous Expenses:775.27 - Equipment Maintenance	775.27
401 - Operating Expenses:775 - Miscellaneous Expenses:775.26 - Equipment Rental	775.26
401 - Operating Expenses:775 - Miscellaneous Expenses:775.25 - Small Equipment Purchase	775.25
401 - Operating Expenses:775 - Miscellaneous Expenses:Lien Filing Fee	
401 - Operating Expenses:775 - Miscellaneous Expenses:775.01 - Advertising Expense	775.01
401 - Operating Expenses:775 - Miscellaneous Expenses:775.1 - Telephone	775.1
401 - Operating Expenses:775 - Miscellaneous Expenses:775.10 - Office Supplies	775.10
401 - Operating Expenses:775 - Miscellaneous Expenses:775.11 - Letter of Credit - Fees	775.11
401 - Operating Expenses:775 - Miscellaneous Expenses:775.11 - Letter of Credit - Fees:775.111 - ...	775.111
401 - Operating Expenses:775 - Miscellaneous Expenses:775.11 - Letter of Credit - Fees:775.112 - ...	775.112
401 - Operating Expenses:775 - Miscellaneous Expenses:775.11 - Letter of Credit - Fees:775.113 - ...	775.113
401 - Operating Expenses:775 - Miscellaneous Expenses:775.12 - Depreciation Expense	775.12
401 - Operating Expenses:775 - Miscellaneous Expenses:775.13 - Easement Fees	775.13
401 - Operating Expenses:775 - Miscellaneous Expenses:775.2 - Postage	775.2
401 - Operating Expenses:775 - Miscellaneous Expenses:775.20 - Software Licenses	775.20
401 - Operating Expenses:775 - Miscellaneous Expenses:775.23 - Maintenance Agreements	775.23

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Tennessee Wastewater Systems, Inc.
Account Listing
February 12, 2019

Account	Acct. #
401 · Operating Expenses:775 · Miscellaneous Expenses:775.3 · Licenses & Permits	775.3
401 · Operating Expenses:775 · Miscellaneous Expenses:775.4 · Membership Dues	775.4
401 · Operating Expenses:775 · Miscellaneous Expenses:775.5 · Deed Registration	775.5
401 · Operating Expenses:775 · Miscellaneous Expenses:775.6 · Franchise Fees	775.6
401 · Operating Expenses:775 · Miscellaneous Expenses:775.7 · Public Notice Costs	775.7
401 · Operating Expenses:775 · Miscellaneous Expenses:775.8 · Interest on Customer Deposits	775.8
401 · Operating Expenses:775 · Miscellaneous Expenses:775.9 · Billing Costs	775.9
408 · Taxes Other than Income	408
408 · Taxes Other than Income:408.1 · Property Taxes	408.1
408 · Taxes Other than Income:408.3 · Franchise & Excise	408.3
408 · Taxes Other than Income:408.4 · Labor & Workforce Dev.	408.4
408 · Taxes Other than Income:408.5 · Personal Privilege Tax	408.5
408 · Taxes Other than Income:408.6 · Public Utility	408.6
408 · Taxes Other than Income:408.7 · Tax Penalties	408.7
408 · Taxes Other than Income:408.12 · Payroll Taxes	408.12
409 · Income Tax	409
426 · Misc. Nonutility Expenses	426
426 · Misc. Nonutility Expenses:246.91 · Lodging	246.91
426 · Misc. Nonutility Expenses:426.9 · Meals and Entertainment	426.9
426 · Misc. Nonutility Expenses:426.1 · Dues and Subscriptions	426.1
426 · Misc. Nonutility Expenses:426.2 · Bank & NSF Fees	426.2
426 · Misc. Nonutility Expenses:426.3 · Miscellaneous	426.3
426 · Misc. Nonutility Expenses:426.4 · Parking	426.4
426 · Misc. Nonutility Expenses:426.5 · Developer Income Reimbursement	426.5
426 · Misc. Nonutility Expenses:426.7 · Construction Expense	426.7
427 · Interest Expense	427
427 · Interest Expense:427.1 · Interest on Debt to Associated	427.1
427 · Interest Expense:427.2 · Loan Interest	427.2
427 · Interest Expense:427.5 · Sewer Deposit Interest	427.5
66900 · Reconciliation Discrepancies	66900
421.6 · Misc. Income	421.6
90100 · Purchase Orders	90100
90200 · Sales Orders	90200

TENNESSEE WASTEWATER SYSTEMS, INC.

Lead Schedule by G/L Asset Account

For the 1 Month Ended 01/01/19

02/12/19

03:35PM

Asset Description	Date Acquired	Cost	Sold?	Tax System	Method	Life	Con- vention	Bus %	Sec. 179 Deduction	Spec. Depr. Allowance	Depreciable Basis	Prior Depreciation	Current Depreciation	Accumulated Depreciation
101 Utility Plant in Service														
2018 CHEVROLET SILVERADO :03/12/18		42,290.49	N	MACRS	ST LINE	05/00	HY	100.00	0.00	0.00	42,290.49	4,229.05	23.17	4,252.22
Subtotal for 101		42,290.49							0.00	0.00	42,290.49	4,229.05	23.17	4,252.22
353.5 Utility Plant in Service:Land - Capital Asset														
Tall Oaks 3.63 Acres	08/01/11	2,498.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	2,498.00	0.00	0.00	0.00
Jackson Bend	08/16/13	860.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	860.00	0.00	0.00	0.00
Dyer's Hollow Drip Area 13.99 A	12/22/14	38,472.50	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	38,472.50	0.00	0.00	0.00
Subtotal for 353.5		41,830.50							0.00	0.00	41,830.50	0.00	0.00	0.00
353 Utility Plant in Service:Land														
Abington Ridge 7.61 Acres	12/31/04	36,700.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	36,700.00	0.00	0.00	0.00
Belle Vista 12.98 Acres	11/01/05	62,597.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	62,597.00	0.00	0.00	0.00
Boswell Road 10.33 Acres	11/01/06	41,600.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	41,600.00	0.00	0.00	0.00
Cedar Hill 80 Acres	01/05/07	320,000.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	320,000.00	0.00	0.00	0.00
East Stewart 8.33 Acres	12/31/01	20,000.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	20,000.00	0.00	0.00	0.00
East Stewart 11.47 Acres	03/22/02	105,880.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	105,880.00	0.00	0.00	0.00
Fanning Bend 10.55 Acres	12/01/05	75,000.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	75,000.00	0.00	0.00	0.00
Guffee Farms Facility 7.08 Acres	12/11/07	34,144.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	34,144.00	0.00	0.00	0.00
Laurel Cove 104.19 Acres	06/01/08	502,464.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	502,464.00	0.00	0.00	0.00
Laurel Cove 26.28 Acres	06/01/08	126,737.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	126,737.00	0.00	0.00	0.00
Maple Green 80.81 Acres	12/31/02	106,900.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	106,900.00	0.00	0.00	0.00
McLemore Farms 6.57 Acres Pri	12/31/03	31,684.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	31,684.00	0.00	0.00	0.00
Oakwood 12.05 Acres	01/01/00	90,000.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	90,000.00	0.00	0.00	0.00
Paris Landing 146.3 Acres	09/01/05	140,000.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	140,000.00	0.00	0.00	0.00
Pebblebrook	12/31/03	12,000.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	12,000.00	0.00	0.00	0.00
River's Edge 4.66 Acres	12/01/08	18,700.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	18,700.00	0.00	0.00	0.00
Saddle Springs 14.52 acres	12/31/03	70,024.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	70,024.00	0.00	0.00	0.00
Sunnydale 4.33 Acres	08/01/05	15,000.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	15,000.00	0.00	0.00	0.00
Watkins Creek 18.26 Acres	12/31/02	88,060.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	88,060.00	0.00	0.00	0.00
Womack's Creekview	10/31/06	151,000.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	151,000.00	0.00	0.00	0.00
Fanning Bend .82 Acres	12/01/05	6,000.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	6,000.00	0.00	0.00	0.00
Fanning Bend 1.52 Acres	12/01/05	10,000.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	10,000.00	0.00	0.00	0.00
Fanning Bend 1.25 Acres	12/01/05	9,000.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	9,000.00	0.00	0.00	0.00
Boswell Rd 5.11 Acres	11/01/06	15,000.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	15,000.00	0.00	0.00	0.00

Lead Schedule by G/L Asset Account For the 1 Month Ended 01/01/19

Asset Description	Date Acquired	Cost	Sold?	Tax System	Method	Life	Con- version	Bus %	Sec. 179 Deduction	Spec. Depr. Allowance	Depreciable Basis	Prior Depreciation	Current Depreciation	Accumulated Depreciation
353 Utility Plant in Service:Land														
Boswell Rd 5.17 Acres	11/01/06	15,000.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	15,000.00	0.00	0.00	0.00
Boswell Rd 5.10 Acres	11/01/06	15,000.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	15,000.00	0.00	0.00	0.00
Boswell Rd 5.84 Acres	11/01/06	18,000.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	18,000.00	0.00	0.00	0.00
Boswell Rd 7.08 Acres	11/01/06	21,000.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	21,000.00	0.00	0.00	0.00
Boswell Rd 8.67 Acres	11/01/06	27,000.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	27,000.00	0.00	0.00	0.00
Boswell Rd 7.14 Acres	11/01/06	21,000.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	21,000.00	0.00	0.00	0.00
McClemore Farms 2.79 Acres Se	12/31/03	13,455.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	13,455.00	0.00	0.00	0.00
Wyndsong Phase II 5.52 Acres	12/04/07	0.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	0.00	0.00	0.00	0.00
Abington Ridge 1.64 Acres	12/31/04	7,909.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	7,909.00	0.00	0.00	0.00
Watkins Creek 6.44 Acres	12/31/02	31,057.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	31,057.00	0.00	0.00	0.00
Windsor Pointe 5.2 Acres	01/01/89	0.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	0.00	0.00	0.00	0.00
Harbor Pointe 6.62 Acres	01/01/01	0.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	0.00	0.00	0.00	0.00
Griffitt's Mill 16.198 Acres	01/01/13	20,000.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	20,000.00	0.00	0.00	0.00
Griffitt's Mill Treatment .258 Acre	01/01/13	1,000.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	1,000.00	0.00	0.00	0.00
Clarkrange - 8.89 Acres	01/01/13	10,000.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	10,000.00	0.00	0.00	0.00
Highlands 3.97 acres	01/01/13	5,000.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	5,000.00	0.00	0.00	0.00
Bluff @ Bradbury 3.22 acres	01/01/13	20,000.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	20,000.00	0.00	0.00	0.00
Guifree Drip Field 10.51 Acres	12/11/07	50,685.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	50,685.00	0.00	0.00	0.00
Guifree Drip(2) 2.06 Acres	12/11/07	9,935.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	9,935.00	0.00	0.00	0.00
Guifree Pond 11.21 Acres	12/11/07	54,061.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	54,061.00	0.00	0.00	0.00
Guifree Drip (3) 6.47 Acres	12/11/07	31,202.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	31,202.00	0.00	0.00	0.00
Chardonmay Pond .88 Acres	08/15/08	4,244.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	4,244.00	0.00	0.00	0.00
Chardonmay Drip 6.61 Acres	08/15/08	31,877.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	31,877.00	0.00	0.00	0.00
Chardonmay Drip (2) 3.94 Acres	08/15/08	19,001.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	19,001.00	0.00	0.00	0.00
Stags Leap 17.77 Acres	12/31/07	85,697.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	85,697.00	0.00	0.00	0.00
Cross Plains 60 Acres	01/15/09	0.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	0.00	0.00	0.00	0.00
East Stewart 5.6 Acres	03/30/04	0.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	0.00	0.00	0.00	0.00
Cornestone @ Mitchell Creek 12	01/01/14	0.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	0.00	0.00	0.00	0.00
Grove Drip Field - .81 acres	01/01/15	1,800.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	1,800.00	0.00	0.00	0.00
Grove Drip Field 9.49 Acres	01/01/15	22,020.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	22,020.00	0.00	0.00	0.00
Creekview Estates 3.07 Acres	01/01/15	0.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	0.00	0.00	0.00	0.00
Clovercroft Farms Treatment 6.5	03/18/16	19,710.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	19,710.00	0.00	0.00	0.00

Lead Schedule by G/L Asset Account

For the 1 Month Ended 01/01/19

Asset Description	Date Acquired	Cost	Sold?	Tax System	Method	Life	Con- vention	Bus %	Sec. 179 Deduction	Spec. Depr. Allowance	Depreciable Basis	Prior Depreciation	Current Depreciation	Accumulated Depreciation
353 Utility Plant in Service: Land														
Clovercroft Farms Drip 9.60 Acre	03/18/16	28,800.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	28,800.00	0.00	0.00	0.00
Clovercroft Preserve 13.334 acr	08/23/16	40,000.00	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	40,000.00	0.00	0.00	0.00
Smoky Village Land 2.0031 Acre	11/30/18	59,327.89	N	MACRS	LAND	00/00	None	100.00	0.00	0.00	59,327.89	0.00	0.00	0.00
Subtotal for 353		2,772,270.89							0.00	0.00	2,772,270.89	0.00	0.00	0.00
354 Utility Plant in Service: Structures & Improv - Cap														
Eudailey Barn	08/01/17	18,566.95	N	MACRS	SL WATER	25/00	HY	100.00	0.00	0.00	18,566.95	1,114.02	2.03	1,116.05
Subtotal for 354		18,566.95							0.00	0.00	18,566.95	1,114.02	2.03	1,116.05
360.5 Utility Plant in Service: Sewer Force Main - Capita														
Eudailey to McDaniel Farms Forc	08/01/17	77,006.43	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	77,006.43	2,310.19	4.22	2,314.41
Paris Landing - Extension to Blue	10/01/17	16,340.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	16,340.00	490.20	0.90	491.10
Subtotal for 360.5		93,346.43							0.00	0.00	93,346.43	2,800.39	5.12	2,805.51
360 Utility Plant in Service: Collection Sewers-Force														
Cedar Hill	12/31/08	210,000.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	210,000.00	44,100.00	11.51	44,111.51
Subtotal for 360		210,000.00							0.00	0.00	210,000.00	44,100.00	11.51	44,111.51
361 Utility Plant in Service: Collection Sewers-Gravity														
Abington Ridge	02/20/07	13,500.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	13,500.00	3,105.00	0.74	3,105.74
Abington Ridge	01/01/04	60,000.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	60,000.00	17,400.00	3.29	17,403.29
Belle Vista	11/01/05	15,000.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	15,000.00	4,050.00	0.82	4,050.82
Belle Vista Phase II	12/21/06	12,500.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	12,500.00	3,125.00	0.68	3,125.68
Black Bear Ridge	01/01/03	39,300.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	39,300.00	12,183.00	2.15	12,185.15
Boswell Road	11/01/06	131,300.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	131,300.00	32,825.00	7.19	32,832.19
Brigadoon	07/01/08	21,150.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	21,150.00	4,441.50	1.16	4,442.66
Cedar Hill	01/15/07	30,000.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	30,000.00	6,900.00	1.64	6,901.64
Cornerstone at Mitchell Creek	01/01/00	21,200.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	21,200.00	7,844.00	1.16	7,845.16
Eagle Crest Resorts	01/01/00	18,800.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	18,800.00	6,956.00	1.03	6,957.03
East Stewart	01/01/01	32,800.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	32,800.00	11,480.00	1.80	11,481.80
Elk Springs	06/27/06	50,800.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	50,800.00	12,700.00	2.78	12,702.78
Elk Springs	08/15/07	25,000.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	25,000.00	5,750.00	1.37	5,751.37
Falling Waters	01/01/03	13,600.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	13,600.00	4,216.00	0.75	4,216.75
Fanning Bend	12/01/05	145,000.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	145,000.00	39,150.00	7.95	39,157.95
German Creek	11/10/07	32,500.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	32,500.00	7,475.00	1.78	7,476.78
Grainger's Landing	05/16/06	39,000.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	39,000.00	9,750.00	2.14	9,752.14

TENNESSEE WASTEWATER SYSTEMS, INC.
Lead Schedule by G/L Asset Account
For the 1 Month Ended 01/01/19

02/12/19

03:35PM

Asset Description	Date Acquired	Cost	Sold?	Tax System	Method	Life	Con- vention	Bus %	Sec. 179 Deduction	Spec. Depr. Allowance	Depreciable Basis	Prior Depreciation	Current Depreciation	Accumulated Depreciation
361 Utility Plant in Service: Collection Sewers-Gravity														
Guffee Farms	12/11/07	19,800.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	19,800.00	4,554.00	1.08	4,555.08
Harbor Point	01/01/01	30,000.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	30,000.00	10,500.00	1.64	10,501.64
Hidden Springs	01/01/00	17,000.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	17,000.00	6,290.00	0.93	6,290.93
Highlands	01/01/03	32,000.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	32,000.00	9,920.00	1.75	9,921.75
Horseshoe Bend	01/01/03	28,000.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	28,000.00	8,680.00	1.53	8,681.53
Jackson Bend	01/01/01	23,082.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	23,082.00	8,078.70	1.26	8,079.96
Keys Cove	09/01/05	6,000.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	6,000.00	1,620.00	0.33	1,620.33
Legacy Mountain East	01/25/06	65,000.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	65,000.00	16,250.00	3.56	16,253.56
Legacy Mountain East	01/25/07	30,000.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	30,000.00	6,900.00	1.64	6,901.64
Legacy Preserve	06/01/05	57,000.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	57,000.00	15,390.00	3.12	15,393.12
Maple Green	01/01/02	48,000.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	48,000.00	15,840.00	2.63	15,842.63
McLennore Farms	01/01/04	68,000.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	68,000.00	19,720.00	3.73	19,723.73
McLennore Farms Phase II	01/01/04	12,000.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	12,000.00	3,480.00	0.66	3,480.66
Norton Creek	10/01/08	84,000.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	84,000.00	17,640.00	4.60	17,644.60
Oakpoint Phase II	01/01/04	18,000.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	18,000.00	5,220.00	0.99	5,220.99
Oakwood	01/01/98	20,000.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	20,000.00	8,200.00	1.10	8,201.10
Paris Landing	09/01/05	221,000.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	221,000.00	59,670.00	12.11	59,682.11
Pebblebrook	01/01/02	31,000.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	31,000.00	10,230.00	1.70	10,231.70
Piney Bay	10/01/08	95,000.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	95,000.00	19,950.00	5.21	19,955.21
River's Edge	12/01/08	10,800.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	10,800.00	2,268.00	0.59	2,268.59
River Road Lagoon	01/01/87	15,000.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	15,000.00	6,450.00	0.82	6,450.82
Saddle Springs	01/01/02	50,000.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	50,000.00	16,500.00	2.74	16,502.74
Settler's Ridge	07/01/07	26,000.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	26,000.00	5,980.00	1.42	5,981.42
Smoky Cove	02/10/07	30,000.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	30,000.00	6,900.00	1.64	6,901.64
Smoky Village	03/01/06	19,000.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	19,000.00	4,750.00	1.04	4,751.04
Smoky Village	04/20/07	10,800.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	10,800.00	2,484.00	0.59	2,484.59
Southridge	01/01/98	70,000.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	70,000.00	28,700.00	3.84	28,703.84
Southridge Addition 1	01/01/99	42,000.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	42,000.00	16,380.00	2.30	16,382.30
Southridge Phase 5	01/01/04	22,000.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	22,000.00	6,380.00	1.21	6,381.21
Stags Leap	12/15/08	19,800.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	19,800.00	4,158.00	1.08	4,159.08
Starr Crest I	01/01/00	11,332.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	11,332.00	4,192.84	0.62	4,193.46
Starr Crest II	01/01/02	74,500.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	74,500.00	24,585.00	4.08	24,589.08

TENNESSEE WASTEWATER SYSTEMS, INC.
Lead Schedule by G/L Asset Account
For the 1 Month Ended 01/01/19

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Asset Description	Date Acquired	Cost	Sold?	Tax System	Method	Life	Con- vention	Bus %	Sec. 179 Deduction	Spec. Depr. Allowance	Depreciable Basis	Prior Depreciation	Current Depreciation	Accumulated Depreciation
361 Utility Plant in Service: Collection Sewers-Gravity														
Sugar Loaf	03/01/08	18,000.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	18,000.00	3,780.00	0.99	3,780.99
Summitt View	05/03/07	19,000.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	19,000.00	4,370.00	1.04	4,371.04
Sunnydale	08/01/05	16,000.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	16,000.00	4,320.00	0.88	4,320.88
Swan Harbor	01/01/99	14,800.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	14,800.00	5,772.00	0.81	5,772.81
Tall Oaks	01/01/99	51,000.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	51,000.00	19,890.00	2.79	19,892.79
Townsend Town Square	01/01/00	20,000.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	20,000.00	7,400.00	1.10	7,401.10
Trillium Cove	04/03/07	10,600.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	10,600.00	2,438.00	0.58	2,438.58
Turner's Landing	04/01/05	108,000.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	108,000.00	29,160.00	5.92	29,165.92
Watkins Creek	01/01/01	28,000.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	28,000.00	9,800.00	1.53	9,801.53
Watkins Creek Phase III & IV	02/01/05	28,000.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	28,000.00	7,830.00	1.59	7,831.59
Windsor Pointe	01/01/99	25,000.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	25,000.00	9,750.00	1.37	9,751.37
Womack's Creekview	10/31/06	6,750.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	6,750.00	1,687.50	0.37	1,687.87
Wyndsong	12/04/07	18,000.00	N	MACRS	ST LINE	50/00	HY	100.00	0.00	0.00	18,000.00	4,140.00	0.99	4,140.99
Subtotal for 361		2,371,714.00							0.00	0.00	2,371,714.00	677,548.54	129.93	677,678.47
380 Utility Plant in Service: Treatment and Disposal Eq														
Abington Ridge	01/01/04	246,000.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	246,000.00	137,192.33	25.92	137,218.25
Belle Vista	11/01/05	329,000.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	329,000.00	170,826.94	34.67	170,861.61
Black Bear Ridge	01/01/03	108,700.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	108,700.00	64,801.93	11.45	64,813.38
Blue Water Bay	01/01/04	322,000.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	322,000.00	179,576.93	33.93	179,610.86
Boswell	11/01/06	281,900.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	281,900.00	135,528.87	29.70	135,558.57
Brigadoon	07/01/08	128,850.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	128,850.00	52,035.58	13.58	52,049.16
Brown Lee	01/01/04	43,500.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	43,500.00	24,259.64	4.58	24,264.22
Cedar Hill	01/05/07	300,000.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	300,000.00	132,692.29	31.61	132,723.90
Cornerstone at Mitchell's Creek	01/01/00	240,600.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	240,600.00	171,196.16	25.35	171,221.51
Eagle Crest Resort	01/01/00	208,000.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	208,000.00	148,000.00	21.92	148,021.92
East Stewart	01/01/01	215,000.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	215,000.00	144,711.53	22.66	144,734.19
Elk Springs	06/27/06	242,200.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	242,200.00	116,442.31	25.52	116,467.83
Elk Springs	08/15/07	250,000.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	250,000.00	110,576.92	26.34	110,603.26
Falling Waters	01/01/03	45,100.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	45,100.00	26,888.54	4.75	26,891.29
Fanning Bend	12/01/05	876,000.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	876,000.00	454,846.16	92.31	454,938.47
German Creek	11/10/07	267,500.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	267,500.00	118,317.29	28.19	118,345.48
Grainger Landing	05/16/06	286,000.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	286,000.00	137,500.00	30.14	137,530.14

Lead Schedule by G/L Asset Account

For the 1 Month Ended 01/01/19

Asset Description	Date Acquired	Cost	Sold?	Tax System	Method	Life	Con- vention	Bus %	Sec. 179 Deduction	Spec. Depr. Allowance	Depreciable Basis	Prior Depreciation	Current Depreciation	Accumulated Depreciation
380 Utility Plant in Service: Treatment and Disposal Eq														
Guffee Farms	12/11/07	1,837,700.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	1,837,700.00	812,828.85	193.65	813,022.50
Harbor Point	01/01/01	308,200.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	308,200.00	208,115.41	32.58	208,147.99
Hidden Springs Resort	01/01/00	162,000.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	162,000.00	115,288.24	17.07	115,286.31
Highland Cove	01/01/04	316,480.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	316,480.00	176,498.49	33.35	176,531.84
Highlands	01/01/03	107,000.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	107,000.00	63,788.46	11.28	63,799.74
Horseshoe Bend	01/01/03	88,000.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	88,000.00	52,461.54	9.27	52,470.81
Jackson Bend	01/01/01	204,800.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	204,800.00	137,846.14	21.58	137,867.72
Laurel Cove	06/01/08	3,180,000.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	3,180,000.00	1,284,230.78	335.09	1,284,565.87
Legacy Mountain	01/25/06	285,000.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	285,000.00	137,019.25	30.03	137,049.28
Legacy Mountain	01/25/07	280,000.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	280,000.00	123,846.15	29.50	123,875.65
Legacy Preserve	06/01/05	260,000.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	260,000.00	135,000.00	27.40	135,027.40
Maple Green	01/01/02	240,000.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	240,000.00	152,307.70	25.29	152,332.99
McLemore Farms	01/01/04	220,000.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	220,000.00	122,692.33	23.18	122,715.51
Norton Creek	10/01/08	476,000.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	476,000.00	192,230.75	50.16	192,280.91
Oakwood	01/01/98	50,000.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	50,000.00	39,423.09	5.27	39,428.36
Paris Landing	09/01/05	230,000.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	230,000.00	119,423.06	24.24	119,447.30
Pebblebrook	01/01/02	170,000.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	170,000.00	107,884.59	17.91	107,902.50
River's Edge	12/01/08	98,000.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	98,000.00	39,576.92	10.33	39,587.25
River Road Lagoon	01/01/97	185,000.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	185,000.00	152,980.77	19.49	153,000.26
Saddle Springs	01/01/02	276,000.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	276,000.00	175,153.85	29.08	175,182.93
Settler's Ridge	07/01/07	234,000.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	234,000.00	103,500.00	24.66	103,524.66
Smoky Cove	02/10/07	310,000.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	310,000.00	137,115.41	32.67	137,148.08
Smoky Village	03/01/06	81,000.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	81,000.00	38,942.30	8.54	38,950.84
Smoky Village	04/20/07	89,200.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	89,200.00	39,453.85	9.40	39,463.25
Starr Crest I	01/01/00	107,600.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	107,600.00	76,561.51	11.34	76,572.85
Starr Crest II	01/01/02	105,300.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	105,300.00	66,825.00	11.10	66,836.10
Sugar Loaf	03/01/08	162,000.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	162,000.00	65,423.08	17.07	65,440.15
Summitt View	05/03/07	156,000.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	156,000.00	69,000.00	16.44	69,016.44
Sunnydale	08/01/05	96,000.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	96,000.00	49,846.18	10.12	49,856.30
Swan Harbor	01/01/99	70,600.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	70,600.00	52,950.00	7.44	52,957.44
Tall Oaks	01/01/99	82,000.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	82,000.00	61,500.01	8.64	61,508.65
Timber Tops Rental Center	11/05/07	36,000.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	36,000.00	15,923.08	3.79	15,926.87

TENNESSEE WASTEWATER SYSTEMS, INC.
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Asset Description	Date Acquired	Cost	Sold?	Tax System	Method	Life	Con- vention	Bus %	Sec. 179 Deduction	Spec. Depr. Allowance	Depreciable Basis	Prior Depreciation	Current Depreciation	Accumulated Depreciation
380 Utility Plant in Service: Treatment and Disposal Eq														
Townsend Town Square	01/01/00	120,000.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	120,000.00	85,384.61	12.64	85,397.25
Trillium	04/03/07	122,000.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	122,000.00	53,961.56	12.86	53,974.42
Turner's Landing	04/01/05	213,000.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	213,000.00	110,596.18	22.44	110,618.62
Watkins Creek	01/01/01	336,000.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	336,000.00	226,153.86	35.41	226,189.27
Windsor Pointe	01/01/99	150,000.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	150,000.00	112,499.99	15.81	112,515.80
Womack's Creekview	10/31/06	264,000.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	264,000.00	126,923.10	27.82	126,950.92
Wyndsong	12/04/07	162,000.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	162,000.00	71,653.85	17.07	71,670.92
Clovercroft Farms	03/18/16	498,000.00	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	498,000.00	47,884.62	52.48	47,937.10
Clovercroft Preserve	09/23/16	549,564.72	N	MACRS	ST LINE	26/00	HY	100.00	0.00	0.00	549,564.72	52,842.77	57.91	52,900.68
Subtotal for 380		17,308,794.72							0.00	0.00	17,308,794.72	8,338,909.75	1,824.02	8,340,733.77
390 Utility Plant in Service: Office Furniture & Misc.														
Computer	07/25/06	1,025.60	N	MACRS	ST LINE	10/00	HY	100.00	0.00	0.00	1,025.60	1,025.60	0.00	1,025.60
Office Furniture	03/16/07	12,489.19	N	MACRS	ST LINE	05/00	HY	100.00	0.00	0.00	12,489.19	12,489.19	0.00	12,489.19
Kubota Mini Excavator	07/09/15	38,290.00	N	MACRS	ST LINE	05/00	HY	100.00	0.00	0.00	38,290.00	26,803.00	20.98	26,823.98
Kubota Mini Excavator	07/09/15	38,290.00	N	MACRS	ST LINE	05/00	HY	100.00	0.00	0.00	38,290.00	26,803.00	20.98	26,823.98
New Holland RB 450 Baler	10/22/15	19,138.37	N	MACRS	ST LINE	05/00	HY	100.00	0.00	0.00	19,138.37	13,396.86	10.49	13,407.35
John Deere 8 FL Bushhog	11/13/15	5,300.00	N	MACRS	ST LINE	05/00	HY	100.00	0.00	0.00	5,300.00	3,710.00	2.90	3,712.90
John Deere 5055 E Tractor	01/01/16	33,500.00	N	MACRS	ST LINE	05/00	HY	100.00	0.00	0.00	33,500.00	16,760.00	18.36	16,768.36
CANON PROGRAF IPF785 PLOT01/09/17		9,054.38	N	MACRS	ST LINE	05/00	HY	100.00	0.00	0.00	9,054.38	2,716.32	4.96	2,721.28
(2) Kubota Skid Steers	05/05/17	100,386.04	N	MACRS	ST LINE	05/00	HY	100.00	0.00	0.00	100,386.04	30,115.81	55.01	30,170.82
2018 Dell Laptop	12/31/18	808.43	N	MACRS	ST LINE	05/00	HY	100.00	0.00	0.00	808.43	80.84	0.44	81.28
Dell Latitude 5580	12/31/18	1,770.20	N	MACRS	ST LINE	05/00	HY	100.00	0.00	0.00	1,770.20	177.02	0.97	177.99
Subtotal for 390		260,052.21							0.00	0.00	260,052.21	134,067.64	135.09	134,202.73
391 Utility Plant in Service: Transportation Equipment														
2014 F250 Crew Cab VIN 60272	08/04/14	37,898.24	N	MACRS	ST LINE	05/00	HY	100.00	0.00	0.00	37,898.24	34,108.42	20.82	34,129.24
2014 Ford F250 White Crew Cab	08/04/14	37,898.23	N	MACRS	ST LINE	05/00	HY	100.00	0.00	0.00	37,898.23	34,108.41	20.82	34,129.23
2015 Chevy 2500 VIN 602433	05/19/15	34,122.33	N	MACRS	ST LINE	05/00	HY	100.00	0.00	0.00	34,122.33	23,885.63	18.70	23,904.33
16 Foot Trailer	06/02/15	6,393.00	N	MACRS	ST LINE	05/00	HY	100.00	0.00	0.00	6,393.00	4,475.10	3.50	4,478.60
16 Ft Trailer	06/02/15	6,393.00	N	MACRS	ST LINE	05/00	HY	100.00	0.00	0.00	6,393.00	4,475.10	3.50	4,478.60
25 Ft Gooseneck Trailer	07/02/15	5,948.95	N	MACRS	ST LINE	05/00	HY	100.00	0.00	0.00	5,948.95	4,164.27	3.26	4,167.53
2008 Chevy 1500	06/30/15	3,549.75	N	MACRS	ST LINE	05/00	HY	100.00	0.00	0.00	3,549.75	2,484.83	1.95	2,486.78
2006 Ford F250	06/30/15	2,308.42	N	MACRS	ST LINE	05/00	HY	100.00	0.00	0.00	2,308.42	1,615.89	1.26	1,617.15

TENNESSEE WASTEWATER SYSTEMS, INC.
Lead Schedule by G/L Asset Account
For the 1 Month Ended 01/01/19

02/12/19
03:35PM

Asset Description	Date Acquired	Cost	Sold?	Tax System	Method	Life	Con- vention	Bus %	Sec. 179 Deduction	Spec. Depr. Allowance	Depreciable Basis	Prior Depreciation	Current Depreciation	Accumulated Depreciation
391 Utility Plant in Service: Transportation Equipment														
2008 Chevy Silverado	06/30/15	3,873.20	N	MACRS	ST LINE	05/00	HY	100.00	0.00	0.00	3,873.20	2,711.24	2.12	2,713.36
2009 Chevy 1500	06/30/15	5,046.71	N	MACRS	ST LINE	05/00	HY	100.00	0.00	0.00	5,046.71	3,532.69	2.77	3,535.46
1999 International 470	06/04/15	0.00	N	MACRS	ST LINE	05/00	HY	100.00	0.00	0.00	0.00	0.00	0.00	0.00
2015 Chevy 2500 - ETN	10/14/15	37,558.48	N	MACRS	ST LINE	05/00	HY	100.00	0.00	0.00	37,558.48	26,289.54	20.58	26,310.12
2016 Chevy 2500 Utility Bed	08/22/16	42,889.89	N	MACRS	ST LINE	05/00	HY	100.00	0.00	0.00	42,889.89	21,444.95	23.50	21,468.45
2016 Chevy 2500	08/22/16	37,932.07	N	MACRS	ST LINE	05/00	HY	100.00	0.00	0.00	37,932.07	18,966.03	20.78	18,986.81
Trailer - 8K 20+5 OTW Ball Hitch,	08/08/17	8,078.25	N	MACRS	ST LINE	05/00	HY	100.00	0.00	0.00	8,078.25	2,423.48	4.43	2,427.91
Trailer - Mowing	03/20/17	1,584.13	N	MACRS	SL TRUCK	05/00	HY	100.00	0.00	0.00	1,584.13	475.24	0.87	476.11
Trailer - Dump	08/02/17	7,008.25	N	MACRS	SL TRUCK	05/00	HY	100.00	0.00	0.00	7,008.25	2,102.48	3.84	2,106.32
2017 Chevy Silverado (ETN)	10/18/17	43,007.88	N	MACRS	ST LINE	05/00	HY	100.00	0.00	0.00	43,007.88	12,902.37	23.57	12,925.94
RTV-X900WL-Kubota Utility Vehi	05/08/18	15,285.00	N	MACRS	ST LINE	05/00	HY	100.00	0.00	0.00	15,285.00	1,528.50	8.38	1,536.88
Subtotal for 391		336,773.78							0.00	0.00	336,773.78	201,694.17	184.65	201,878.82
Client Subtotal Before Sales		23,456,639.97							0.00	0.00	23,456,639.97	9,404,463.56	2,315.52	9,406,779.08
Less Assets Sold		0.00							0.00	0.00	0.00	0.00	0.00	0.00
Total at end of year		23,456,639.97							0.00	0.00	23,456,639.97	9,404,463.56	2,315.52	9,406,779.08

Tennessee Wastewater Systems, Inc.
Fixed Asset Listing
February 12, 2019

Item	FAM Number	Purchase Date	Purchase Description	Account	Cost
(2) Kubota Skid Steers - 206	206	05/05/2017	(2) Kubota Skid Steers	101 - Utility Plant in Service:380 - Office Furniture & Misc. Equip	100,386.04
16 Foot Trailer - 183	183	06/02/2015	16 Ft Trailer	101 - Utility Plant in Service:391 - Transportation Equipment	6,393.00
16 Ft Trailer - 184	184	06/02/2015	16 Ft Trailer	101 - Utility Plant in Service:391 - Transportation Equipment	6,393.00
1998 International 470 - 190	190	06/04/2015	1998 International 470	101 - Utility Plant in Service:391 - Transportation Equipment	2,308.42
2008 Ford F250 - 187	187	06/30/2015	2008 Ford F250	101 - Utility Plant in Service:391 - Transportation Equipment	3,549.75
2008 Chevy 1500 - 186	186	06/30/2015	2008 Chevy 1500	101 - Utility Plant in Service:391 - Transportation Equipment	3,873.20
2008 Chevy Silverado - 188	188	06/30/2015	2008 Chevy Silverado	101 - Utility Plant in Service:391 - Transportation Equipment	5,046.71
2009 Chevy 1500 - 189	189	06/30/2015	2009 Chevy 1500	101 - Utility Plant in Service:391 - Transportation Equipment	37,898.23
2014 F250 Crew Cab VIN 60 - 177	177	08/04/2014	2014 F250 Crew Cab VIN	101 - Utility Plant in Service:391 - Transportation Equipment	37,556.48
2014 Ford F250 White Crew - 178	178	08/04/2014	2014 Ford F250 White Cr	101 - Utility Plant in Service:391 - Transportation Equipment	34,122.33
2015 Chevy 2500 - ETN - 194	194	10/14/2015	2015 Chevy 2500 - ETN	101 - Utility Plant in Service:391 - Transportation Equipment	37,932.07
2015 Chevy 2500 VIN 60243 - 180	180	05/19/2015	2015 Chevy 2500 VIN 602	101 - Utility Plant in Service:391 - Transportation Equipment	42,889.89
2016 Chevy 2500 - 202	202	08/22/2016	2016 Chevy 2500	101 - Utility Plant in Service:391 - Transportation Equipment	43,007.88
2016 Chevy 2500 Utility B - 201	201	08/22/2016	2016 Chevy 2500 Utility Bad	101 - Utility Plant in Service:391 - Transportation Equipment	42,889.89
2017 Chevy Silverado (ETN) - 213	213	10/18/2017	2017 Chevy Silverado (ET...	101 - Utility Plant in Service:391 - Transportation Equipment	43,007.88
2018 CHEVROLET SILVERADO - 215	215	03/12/2018	2018 CHEVROLET SILVER...	101 - Utility Plant in Service:391 - Transportation Equipment	42,889.89
25 Ft Gooseneck Trailer - 185	185	07/02/2015	25 Ft Gooseneck Trailer	101 - Utility Plant in Service:391 - Transportation Equipment	808.43
Abington Ridge - 1	1	02/20/2007	Abington Ridge	101 - Utility Plant in Service:391 - Transportation Equipment	5,948.95
Abington Ridge - 3	3	01/01/2004	Abington Ridge	101 - Utility Plant in Service:391 - Transportation Equipment	13,500.00
Abington Ridge - 4	4	01/01/2004	Abington Ridge	101 - Utility Plant in Service:391 - Transportation Equipment	60,000.00
Abington Ridge 1.84 Acres - 154	154	12/31/2004	Abington Ridge 1.84 Acres	101 - Utility Plant in Service:391 - Transportation Equipment	246,000.00
Abington Ridge 7.61 Acres - 2	2	12/31/2004	Abington Ridge 7.61 Acres	101 - Utility Plant in Service:391 - Transportation Equipment	7,908.00
Belle Vista - 5	5	11/01/2005	Belle Vista	101 - Utility Plant in Service:391 - Transportation Equipment	36,700.00
Belle Vista - 7	7	11/01/2005	Belle Vista	101 - Utility Plant in Service:391 - Transportation Equipment	328,000.00
Belle Vista 12.98 Acres - 6	6	11/01/2005	Belle Vista 12.98 Acres	101 - Utility Plant in Service:391 - Transportation Equipment	15,000.00
Belle Vista Phase II - 8	8	12/21/2006	Belle Vista Phase II	101 - Utility Plant in Service:391 - Transportation Equipment	62,597.00
Black Bear Ridge - 10	10	01/01/2003	Black Bear Ridge	101 - Utility Plant in Service:391 - Transportation Equipment	12,500.00
Black Bear Ridge - 9	9	01/01/2003	Black Bear Ridge	101 - Utility Plant in Service:391 - Transportation Equipment	108,700.00
Blue Water Bay - 11	11	01/01/2004	Blue Water Bay	101 - Utility Plant in Service:391 - Transportation Equipment	98,300.00
Bluff @ Bradbury 3.22 ac - 163	163	01/01/2013	Bluff @ Bradbury 3.22 acr...	101 - Utility Plant in Service:391 - Transportation Equipment	322,000.00
Boswell - 12	12	11/01/2006	Boswell	101 - Utility Plant in Service:391 - Transportation Equipment	20,000.00
Boswell Rd 5.10 Acres - 147	147	11/01/2006	Boswell Rd 5.10 Acres	101 - Utility Plant in Service:391 - Transportation Equipment	281,900.00
Boswell Rd 5.11 Acres - 145	145	11/01/2006	Boswell Rd 5.11 Acres	101 - Utility Plant in Service:391 - Transportation Equipment	15,000.00
Boswell Rd 5.17 Acres - 146	146	11/01/2006	Boswell Rd 5.17 Acres	101 - Utility Plant in Service:391 - Transportation Equipment	15,000.00
Boswell Rd 5.84 Acres - 148	148	11/01/2006	Boswell Rd 5.84 Acres	101 - Utility Plant in Service:391 - Transportation Equipment	15,000.00
Boswell Rd 7.08 Acres - 149	149	11/01/2006	Boswell Rd 7.08 Acres	101 - Utility Plant in Service:391 - Transportation Equipment	18,000.00
Boswell Rd 7.14 Acres - 151	151	11/01/2006	Boswell Rd 7.14 Acres	101 - Utility Plant in Service:391 - Transportation Equipment	21,000.00
Boswell Rd 8.67 Acres - 150	150	11/01/2006	Boswell Rd 8.67 Acres	101 - Utility Plant in Service:391 - Transportation Equipment	21,000.00
Boswell Road - 13	13	11/01/2006	Boswell Road	101 - Utility Plant in Service:391 - Transportation Equipment	27,000.00
Boswell Road 10.33 Acres - 14	14	11/01/2006	Boswell Road 10.33 Acres	101 - Utility Plant in Service:391 - Transportation Equipment	131,900.00
Brigadoon - 15	15	07/01/2008	Brigadoon	101 - Utility Plant in Service:391 - Transportation Equipment	41,600.00
Brigadoon - 16	16	07/01/2008	Brigadoon	101 - Utility Plant in Service:391 - Transportation Equipment	21,150.00
Brown Lee - 17	17	01/01/2004	Brown Lee	101 - Utility Plant in Service:391 - Transportation Equipment	128,850.00
CANON PROGRAF IPF785 PLOT - 205	205	01/09/2017	CANON PROGRAF IPF78...	101 - Utility Plant in Service:391 - Transportation Equipment	43,500.00
Cedar Hill - 18	18	01/05/2007	Cedar Hill	101 - Utility Plant in Service:391 - Transportation Equipment	9,054.38
Cedar Hill - 19	19	12/31/2008	Cedar Hill	101 - Utility Plant in Service:391 - Transportation Equipment	300,000.00
Cedar Hill - 21	21	01/15/2007	Cedar Hill	101 - Utility Plant in Service:391 - Transportation Equipment	210,000.00
Cedar Hill 80 Acres - 20	20	01/05/2007	Cedar Hill 80 Acres	101 - Utility Plant in Service:391 - Transportation Equipment	30,000.00
Chardonney Drip (2) 3.94 - 171	171	09/15/2008	Chardonney Drip (2) 3.94 ...	101 - Utility Plant in Service:391 - Transportation Equipment	320,000.00
Chardonney Drip 6.61 Acres - 170	170	09/15/2008	Chardonney Drip 6.61 Acres	101 - Utility Plant in Service:391 - Transportation Equipment	19,001.00
Chardonney Pond .88 Acres - 169	169	09/15/2008	Chardonney Pond .88 Acres	101 - Utility Plant in Service:391 - Transportation Equipment	31,877.00
Clarke - 8.89 Acres - 161	161	01/01/2013	Clarke - 8.89 Acres	101 - Utility Plant in Service:391 - Transportation Equipment	4,244.00
Clovercroft Farms - 200	200	03/18/2016	Clovercroft Farms	101 - Utility Plant in Service:391 - Transportation Equipment	10,000.00
Clovercroft Farms Drip 8 - 199	199	03/18/2016	Clovercroft Farms Drip 8...	101 - Utility Plant in Service:391 - Transportation Equipment	498,000.00
Clovercroft Farms Treatine - 198	198	03/18/2016	Clovercroft Farms Treatine...	101 - Utility Plant in Service:391 - Transportation Equipment	28,800.00
				101 - Utility Plant in Service:391 - Transportation Equipment	19,710.00

Tennessee Wastewater Systems, Inc.
Fixed Asset Listing
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Item	FAM Number	Purchase Date	Purchase Description	Account	Cost
Clovercroft Preserve - 204	204	09/23/2016	Clovercroft Preserve	101 - Utility Plant in Service:380 - Treatment and Disposal Equip	549,564.72
Clovercroft Preserve 13.3 - 203	203	09/23/2016	Clovercroft Preserve 13.3...	101 - Utility Plant in Service:353 - Land	40,000.00
Computer - 22	22	07/25/2006	Computer	101 - Utility Plant in Service:390 - Office Furniture & Misc. Equip	1,025.60
Cornersone @ Mitchell Cr - 176	176	01/01/2014	Cornersone @ Mitchell Cr...	101 - Utility Plant in Service:353 - Land	
Cornersone at Mitchell's - 23	23	01/01/2000	Cornersone at Mitchell's...	101 - Utility Plant in Service:380 - Treatment and Disposal Equip	240,600.00
Cornersone at Mitchell Cr - 24	24	01/01/2000	Cornersone at Mitchell Cr...	101 - Utility Plant in Service:381 - Collection Sewers-Gravity	21,200.00
Creekview Estates 3.07 Ac - 191	191	01/01/2015	Creekview Estates 3.07 A...	101 - Utility Plant in Service:353 - Land	
Cross Plains 60 Acres - 173	173	01/15/2008	Cross Plains 60 Acres	101 - Utility Plant in Service:353 - Land	
Dell Latitude 5580 - 219	219	12/31/2018	Dell Latitude 5580	101 - Utility Plant in Service:390 - Office Furniture & Misc. Equip	1,770.20
Dyer's Hollow Drip Area 1 - 179	179	12/22/2014	Dyer's Hollow Drip Area 1...	101 - Utility Plant in Service:353.5 - Land - Capital Asset	38,472.50
Eagle Crest Resort - 25	25	01/01/2000	Eagle Crest Resort	101 - Utility Plant in Service:380 - Treatment and Disposal Equip	208,000.00
Eagle Crest Resorts - 26	26	01/01/2000	Eagle Crest Resorts	101 - Utility Plant in Service:381 - Collection Sewers-Gravity	18,800.00
East Stewart - 28	28	01/01/2001	East Stewart	101 - Utility Plant in Service:361 - Collection Sewers-Gravity	32,800.00
East Stewart - 30	30	01/01/2001	East Stewart	101 - Utility Plant in Service:380 - Treatment and Disposal Equip	215,000.00
East Stewart 11.47 Acres - 29	29	03/22/2002	East Stewart 11.47 Acres	101 - Utility Plant in Service:353 - Land	105,886.00
East Stewart 5.6 Acres - 174	174	03/30/2004	East Stewart 5.6 Acres	101 - Utility Plant in Service:353 - Land	
East Stewart 8.33 Acres - 27	27	12/31/2001	East Stewart 8.33 Acres	101 - Utility Plant in Service:353 - Land	
Elk Springs - 31	31	06/27/2006	Elk Springs	101 - Utility Plant in Service:380 - Treatment and Disposal Equip	20,000.00
Elk Springs - 32	32	06/27/2006	Elk Springs	101 - Utility Plant in Service:380 - Treatment and Disposal Equip	242,200.00
Elk Springs - 33	33	06/27/2006	Elk Springs	101 - Utility Plant in Service:361 - Collection Sewers-Gravity	250,000.00
Elk Springs - 34	34	06/27/2006	Elk Springs	101 - Utility Plant in Service:361 - Collection Sewers-Gravity	50,800.00
Eudaley Barn - 208	208	08/15/2007	Eudaley Barn	101 - Utility Plant in Service:381 - Collection Sewers-Gravity	25,000.00
Eudaley to McDaniel Far - 209	209	08/01/2017	Eudaley to McDaniel Far...	101 - Utility Plant in Service:384 - Structures & Improv - Capital	18,686.95
Falling Waters - 35	35	01/01/2003	Falling Waters	101 - Utility Plant in Service:380.5 - Sewer Force Main - Capital	77,006.43
Falling Waters - 36	36	01/01/2003	Falling Waters	101 - Utility Plant in Service:361 - Collection Sewers-Gravity	13,600.00
Fanning Bend - 37	37	12/01/2005	Fanning Bend	101 - Utility Plant in Service:380 - Treatment and Disposal Equip	45,100.00
Fanning Bend - 39	39	12/01/2005	Fanning Bend	101 - Utility Plant in Service:380 - Treatment and Disposal Equip	876,000.00
Fanning Bend .82 Acres - 142	142	12/01/2005	Fanning Bend .82 Acres	101 - Utility Plant in Service:361 - Collection Sewers-Gravity	145,000.00
Fanning Bend 1.25 Acres - 144	144	12/01/2005	Fanning Bend 1.25 Acres	101 - Utility Plant in Service:353 - Land	6,000.00
Fanning Bend 1.52 Acres - 143	143	12/01/2005	Fanning Bend 1.52 Acres	101 - Utility Plant in Service:353 - Land	9,000.00
Fanning Bend 10.55 Acres - 38	38	12/01/2005	Fanning Bend 10.55 Acres	101 - Utility Plant in Service:353 - Land	10,000.00
German Creek - 40	40	11/10/2007	German Creek	101 - Utility Plant in Service:380 - Treatment and Disposal Equip	75,000.00
German Creek - 41	41	11/10/2007	German Creek	101 - Utility Plant in Service:380 - Treatment and Disposal Equip	267,500.00
Granger's Landing - 42	42	05/16/2006	Granger's Landing	101 - Utility Plant in Service:381 - Collection Sewers-Gravity	32,500.00
Granger's Landing - 43	43	05/16/2006	Granger's Landing	101 - Utility Plant in Service:361 - Collection Sewers-Gravity	36,000.00
Griffitt's Mill 16.198 Ac - 159	159	01/01/2013	Griffitt's Mill 16.198 Acres	101 - Utility Plant in Service:380 - Treatment and Disposal Equip	286,000.00
Griffitt's Mill Treatment - 160	160	01/01/2013	Griffitt's Mill Treatment .25...	101 - Utility Plant in Service:353 - Land	20,000.00
Grove Drip Field .81 ac - 181	181	01/01/2015	Grove Drip Field - .81 acres	101 - Utility Plant in Service:353 - Land	1,000.00
Grove Drip Field 9.49 Ac - 182	182	01/01/2015	Grove Drip Field 9.49 Acres	101 - Utility Plant in Service:353 - Land	1,800.00
Guiffee Drip (3) 6.47 Acres - 168	168	12/11/2007	Guiffee Drip (3) 6.47 Acres	101 - Utility Plant in Service:353 - Land	22,020.00
Guiffee Drip Field 10.51 A - 165	165	12/11/2007	Guiffee Drip (3) 6.47 Acres	101 - Utility Plant in Service:353 - Land	31,202.00
Guiffee Drip(2) 2.06 Acres - 166	166	12/11/2007	Guiffee Drip(2) 2.06 Acres	101 - Utility Plant in Service:353 - Land	50,685.00
Guiffee Farms - 44	44	12/11/2007	Guiffee Farms	101 - Utility Plant in Service:353 - Land	9,935.00
Guiffee Farms - 46	46	12/11/2007	Guiffee Farms	101 - Utility Plant in Service:380 - Treatment and Disposal Equip	1,837,700.00
Guiffee Farms Facility 7.08 - 45	45	12/11/2007	Guiffee Farms Facility 7.08...	101 - Utility Plant in Service:381 - Collection Sewers-Gravity	19,800.00
Guiffee Pond 11.21 Acres - 167	167	12/11/2007	Guiffee Pond 11.21 Acres	101 - Utility Plant in Service:353 - Land	34,144.00
Harbor Point - 47	47	01/01/2001	Harbor Point	101 - Utility Plant in Service:353 - Land	54,061.00
Harbor Point - 48	48	01/01/2001	Harbor Point	101 - Utility Plant in Service:380 - Treatment and Disposal Equip	30,000.00
Harbor Pointe 6.62 Acres - 158	158	01/01/2001	Harbor Pointe 6.62 Acres	101 - Utility Plant in Service:353 - Land	309,200.00
Harbor Pointe Trailer (ETN) - 220	220	01/25/2019	Harbor Pointe Trailer (ETN)	101 - Utility Plant in Service:381 - Collection Sewers-Gravity	7,889.65
Hidden Springs - 49	49	01/01/2000	Hidden Springs	101 - Utility Plant in Service:381 - Collection Sewers-Gravity	17,000.00
Hidden Springs Resort - 50	50	01/01/2000	Hidden Springs Resort	101 - Utility Plant in Service:380 - Treatment and Disposal Equip	162,000.00
Highland Cove - 51	51	01/01/2004	Highland Cove	101 - Utility Plant in Service:380 - Treatment and Disposal Equip	316,480.00
Highlands - 52	52	01/01/2003	Highlands	101 - Utility Plant in Service:361 - Collection Sewers-Gravity	32,000.00
Highlands - 53	53	01/01/2003	Highlands	101 - Utility Plant in Service:380 - Treatment and Disposal Equip	107,000.00
Highlands 3.97 acres - 162	162	01/01/2013	Highlands 3.97 acres	101 - Utility Plant in Service:353 - Land	5,000.00

Tennessee Wastewater Systems, Inc.
Fixed Asset Listing
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Item	FAM Number	Purchase Date	Purchase Description	Account	Cost
Horseshoe Bend - 54	54	01/01/2003	Horseshoe Bend	101 - Utility Plant in Service:361 - Collection Sewers-Gravity	28,000.00
Horseshoe Bend - 55	55	01/01/2003	Horseshoe Bend	101 - Utility Plant in Service:380 - Treatment and Disposal Equip	98,000.00
Jackson Bend - 175	175	08/16/2013	Jackson Bend	101 - Utility Plant in Service:353.5 - Land - Capital Asset	890.00
Jackson Bend - 56	56	01/01/2001	Jackson Bend	101 - Utility Plant in Service:361 - Collection Sewers-Gravity	23,082.00
Jackson Bend - 57	57	01/01/2001	Jackson Bend	101 - Utility Plant in Service:380 - Treatment and Disposal Equip	204,800.00
John Deere 5055 E Tractor - 197	197	01/01/2016	John Deere 5055 E Tractor	101 - Utility Plant in Service:390 - Office Furniture & Misc. Equip	33,500.00
John Deere 8 Ft. Bushhog - 198	198	11/13/2015	John Deere 8 Ft. Bushhog	101 - Utility Plant in Service:380 - Office Furniture & Misc. Equip	5,300.00
Keys Cove - 58	58	09/01/2005	Keys Cove	101 - Utility Plant in Service:361 - Collection Sewers-Gravity	6,000.00
Kubota Mini Excavator - 192	192	07/09/2015	Kubota Mini Excavator	101 - Utility Plant in Service:380 - Office Furniture & Misc. Equip	38,290.00
Kubota Mini Excavator - 193	193	07/09/2015	Kubota Mini Excavator	101 - Utility Plant in Service:380 - Office Furniture & Misc. Equip	38,290.00
Laurel Cove - 61	61	08/01/2008	Laurel Cove	101 - Utility Plant in Service:380 - Treatment and Disposal Equip	3,180,000.00
Laurel Cove 104.19 Acres - 59	59	08/01/2008	Laurel Cove 104.19 Acres	101 - Utility Plant in Service:353 - Land	502,494.00
Laurel Cove 26.28 Acres - 60	60	08/01/2008	Laurel Cove 26.28 Acres	101 - Utility Plant in Service:353 - Land	126,737.00
Legacy Mountain - 62	62	01/25/2006	Legacy Mountain	101 - Utility Plant in Service:380 - Treatment and Disposal Equip	285,000.00
Legacy Mountain - 63	63	01/25/2007	Legacy Mountain	101 - Utility Plant in Service:380 - Treatment and Disposal Equip	280,000.00
Legacy Mountain East - 64	64	01/25/2006	Legacy Mountain East	101 - Utility Plant in Service:361 - Collection Sewers-Gravity	65,000.00
Legacy Mountain East - 65	65	01/25/2007	Legacy Mountain East	101 - Utility Plant in Service:361 - Collection Sewers-Gravity	30,000.00
Legacy Preserve - 66	66	08/01/2005	Legacy Preserve	101 - Utility Plant in Service:380 - Treatment and Disposal Equip	260,000.00
Legacy Preserve - 67	67	08/01/2005	Legacy Preserve	101 - Utility Plant in Service:361 - Collection Sewers-Gravity	57,000.00
Maple Green - 68	68	01/01/2002	Maple Green	101 - Utility Plant in Service:361 - Collection Sewers-Gravity	48,000.00
Maple Green - 70	70	01/01/2002	Maple Green	101 - Utility Plant in Service:380 - Treatment and Disposal Equip	240,000.00
Maple Green 80.81 Acres - 69	69	12/31/2002	Maple Green 80.81 Acres	101 - Utility Plant in Service:353 - Land	108,900.00
McClemore Farms 2.79 Acres - 152	152	12/31/2003	McClemore Farms 2.79 Acres	101 - Utility Plant in Service:353 - Land	13,455.00
McClemore Farms - 71	71	01/01/2004	McClemore Farms	101 - Utility Plant in Service:361 - Collection Sewers-Gravity	88,000.00
McClemore Farms - 73	73	01/01/2004	McClemore Farms	101 - Utility Plant in Service:380 - Treatment and Disposal Equip	220,000.00
McClemore Farms 6.57 Acres - 72	72	12/31/2003	McClemore Farms 6.57 Acres	101 - Utility Plant in Service:353 - Land	31,684.00
McClemore Farms Phase II - 74	74	01/01/2004	McClemore Farms Phase II	101 - Utility Plant in Service:361 - Collection Sewers-Gravity	12,000.00
New Holland RB 450 Baler - 195	195	10/22/2015	New Holland RB 450 Baler	101 - Utility Plant in Service:380 - Office Furniture & Misc. Equip	19,138.37
Norton Creek - 75	75	10/01/2008	Norton Creek	101 - Utility Plant in Service:361 - Collection Sewers-Gravity	476,000.00
Norton Creek - 76	76	10/01/2008	Norton Creek	101 - Utility Plant in Service:380 - Treatment and Disposal Equip	18,000.00
Oakpoint Phase II - 77	77	01/01/2004	Oakpoint Phase II	101 - Utility Plant in Service:361 - Collection Sewers-Gravity	20,000.00
Oakwood - 79	79	01/01/1998	Oakwood	101 - Utility Plant in Service:380 - Treatment and Disposal Equip	50,000.00
Oakwood - 80	80	01/01/1998	Oakwood	101 - Utility Plant in Service:353 - Land	90,000.00
Oakwood 12.05 Acres - 78	78	01/01/2000	Oakwood 12.05 Acres	101 - Utility Plant in Service:353 - Land	12,489.19
Office Furniture - 81	81	03/16/2007	Office Furniture	101 - Utility Plant in Service:380 - Office Furniture & Misc. Equip	230,000.00
Paris Landing - 82	82	09/01/2005	Paris Landing	101 - Utility Plant in Service:361 - Collection Sewers-Gravity	221,000.00
Paris Landing - 84	84	09/01/2005	Paris Landing	101 - Utility Plant in Service:380 - Treatment and Disposal Equip	16,340.00
Paris Landing - Extension - 214	214	10/01/2017	Paris Landing - Extension	101 - Utility Plant in Service:353.5 - Land	140,000.00
Paris Landing 146.3 Acres - 83	83	09/01/2005	Paris Landing 146.3 Acres	101 - Utility Plant in Service:361 - Collection Sewers-Gravity	31,000.00
Pebbleshook - 85	85	01/01/2002	Pebbleshook	101 - Utility Plant in Service:380 - Treatment and Disposal Equip	12,000.00
Pebbleshook - 86	86	12/31/2003	Pebbleshook	101 - Utility Plant in Service:353 - Land	170,000.00
Pebbleshook - 87	87	01/01/2002	Pebbleshook	101 - Utility Plant in Service:361 - Collection Sewers-Gravity	95,000.00
Piney Bay - 88	88	10/01/2008	Piney Bay	101 - Utility Plant in Service:380 - Treatment and Disposal Equip	98,000.00
River's Edge - 89	89	12/01/2008	River's Edge	101 - Utility Plant in Service:361 - Collection Sewers-Gravity	10,900.00
River's Edge - 91	91	12/01/2008	River's Edge	101 - Utility Plant in Service:353 - Land	18,700.00
River's Edge 4.68 Acres - 90	90	12/01/2008	River's Edge 4.68 Acres	101 - Utility Plant in Service:361 - Collection Sewers-Gravity	15,000.00
River Road Lagoon - 92	92	01/01/1997	River Road Lagoon	101 - Utility Plant in Service:380 - Treatment and Disposal Equip	185,000.00
River Road Lagoon - 93	93	01/01/1997	River Road Lagoon	101 - Utility Plant in Service:361 - Collection Sewers-Gravity	15,285.00
RTV-X900WL-Kubota Utility - 216	216	05/08/2018	RTV-X900WL-Kubota Utility	101 - Utility Plant in Service:380 - Treatment and Disposal Equip	50,000.00
Saddle Springs - 94	94	01/01/2002	Saddle Springs	101 - Utility Plant in Service:361 - Collection Sewers-Gravity	276,000.00
Saddle Springs - 96	96	01/01/2002	Saddle Springs	101 - Utility Plant in Service:380 - Treatment and Disposal Equip	70,024.00
Saddle Springs 14.52 acres - 95	95	12/31/2003	Saddle Springs 14.52 acres	101 - Utility Plant in Service:353 - Land	26,000.00
Settler's Ridge - 97	97	07/01/2007	Settler's Ridge	101 - Utility Plant in Service:380 - Treatment and Disposal Equip	234,000.00
Settler's Ridge - 98	98	07/01/2007	Settler's Ridge	101 - Utility Plant in Service:361 - Collection Sewers-Gravity	30,000.00
Smoky Cove - 100	100	02/10/2007	Smoky Cove	101 - Utility Plant in Service:361 - Collection Sewers-Gravity	310,000.00
Smoky Cove - 99	99	02/10/2007	Smoky Cove	101 - Utility Plant in Service:380 - Treatment and Disposal Equip	

Tennessee Wastewater Systems, Inc.
Fixed Asset Listing
February 12, 2019

Item	FAM Number	Purchase Date	Purchase Description	Account	Cost
Smoky Village - 101	101	03/01/2006	Smoky Village	101 - Utility Plant in Service:380 - Treatment and Disposal Equip	81,000.00
Smoky Village - 102	102	04/20/2007	Smoky Village	101 - Utility Plant in Service:380 - Treatment and Disposal Equip	89,200.00
Smoky Village - 103	103	03/01/2008	Smoky Village	101 - Utility Plant in Service:381 - Collection Sewers-Gravity	19,000.00
Smoky Village - 104	104	04/20/2007	Smoky Village	101 - Utility Plant in Service:361 - Collection Sewers-Gravity	10,800.00
Smoky Village Land 2.0031 - 217	217	01/30/2018	Smoky Village Land 2.0031...	101 - Utility Plant in Service:353 - Land	58,327.89
Southridge - 105	105	01/01/1998	Southridge	101 - Utility Plant in Service:361 - Collection Sewers-Gravity	70,000.00
Southridge Addition 1 - 108	108	01/01/1999	Southridge Addition 1	101 - Utility Plant in Service:361 - Collection Sewers-Gravity	42,000.00
Southridge Phase 5 - 107	107	01/01/2004	Southridge Phase 5	101 - Utility Plant in Service:361 - Collection Sewers-Gravity	22,000.00
Stage Leap - 108	108	12/15/2008	Stage Leap	101 - Utility Plant in Service:381 - Collection Sewers-Gravity	19,900.00
Stage Leap 17.77 Acres - 172	172	12/31/2007	Stage Leap 17.77 Acres	101 - Utility Plant in Service:353 - Land	85,897.00
Starr Creek I - 109	109	01/01/2000	Starr Creek I	101 - Utility Plant in Service:361 - Collection Sewers-Gravity	11,332.00
Starr Creek II - 110	110	01/01/2000	Starr Creek II	101 - Utility Plant in Service:380 - Treatment and Disposal Equip	107,600.00
Starr Creek II - 111	111	01/01/2002	Starr Creek II	101 - Utility Plant in Service:361 - Collection Sewers-Gravity	74,500.00
Starr Creek II - 112	112	01/01/2002	Starr Creek II	101 - Utility Plant in Service:380 - Treatment and Disposal Equip	106,300.00
Sugar Loaf - 113	113	03/01/2008	Sugar Loaf	101 - Utility Plant in Service:361 - Collection Sewers-Gravity	18,000.00
Sugar Loaf - 114	114	03/01/2008	Sugar Loaf	101 - Utility Plant in Service:380 - Treatment and Disposal Equip	152,000.00
Summitt View - 115	115	05/03/2007	Summitt View	101 - Utility Plant in Service:381 - Collection Sewers-Gravity	19,000.00
Summitt View - 116	116	05/03/2007	Summitt View	101 - Utility Plant in Service:380 - Treatment and Disposal Equip	96,000.00
Sunnydale - 118	118	08/01/2005	Sunnydale	101 - Utility Plant in Service:361 - Collection Sewers-Gravity	16,000.00
Sunnydale - 119	119	08/01/2005	Sunnydale	101 - Utility Plant in Service:353 - Land	15,000.00
Sunnydale 4.33 Acres - 117	117	08/01/2005	Sunnydale 4.33 Acres	101 - Utility Plant in Service:361 - Collection Sewers-Gravity	14,800.00
Swan Harbor - 120	120	01/01/1999	Swan Harbor	101 - Utility Plant in Service:380 - Treatment and Disposal Equip	70,600.00
Swan Harbor - 121	121	01/01/1999	Swan Harbor	101 - Utility Plant in Service:360 - Treatment and Disposal Equip	82,000.00
Tall Oaks - 122	122	01/01/1999	Tall Oaks	101 - Utility Plant in Service:381 - Collection Sewers-Gravity	51,000.00
Tall Oaks - 123	123	01/01/1999	Tall Oaks	101 - Utility Plant in Service:353.5 - Land - Capital Asset	2,498.00
Tall Oaks 3.63 Acres - 156	156	08/01/2011	Tall Oaks 3.63 Acres	101 - Utility Plant in Service:380 - Treatment and Disposal Equip	36,000.00
Timber Tops Rental Center - 124	124	11/05/2007	Timber Tops Rental Center	101 - Utility Plant in Service:380 - Treatment and Disposal Equip	120,000.00
Townsend Town Square - 125	125	01/01/2000	Townsend Town Square	101 - Utility Plant in Service:391 - Transportation Equipment	8,078.25
Townsend Town Square - 126	126	01/01/2000	Townsend Town Square	101 - Utility Plant in Service:381 - Collection Sewers-Gravity	7,008.25
Trailer - 8K 20+5 OTW Bal - 207	207	08/08/2017	Trailer - 8K 20+5 OTW Ba...	101 - Utility Plant in Service:391 - Transportation Equipment	1,584.13
Trailer - Dump - 212	212	08/02/2017	Trailer - Dump	101 - Utility Plant in Service:391 - Transportation Equipment	7,008.25
Trailer - Moving - 211	211	03/28/2017	Trailer - Moving	101 - Utility Plant in Service:391 - Transportation Equipment	7,008.25
Trillium - 127	127	04/03/2007	Trillium	101 - Utility Plant in Service:381 - Collection Sewers-Gravity	10,600.00
Trillium Cove - 128	128	04/03/2007	Trillium Cove	101 - Utility Plant in Service:380 - Treatment and Disposal Equip	213,000.00
Turner's Landing - 129	129	04/01/2005	Turner's Landing	101 - Utility Plant in Service:381 - Collection Sewers-Gravity	108,000.00
Turner's Landing - 130	130	04/01/2005	Turner's Landing	101 - Utility Plant in Service:380 - Treatment and Disposal Equip	336,000.00
Watkins Creek - 131	131	01/01/2001	Watkins Creek	101 - Utility Plant in Service:361 - Collection Sewers-Gravity	28,000.00
Watkins Creek - 133	133	01/01/2001	Watkins Creek	101 - Utility Plant in Service:381 - Collection Sewers-Gravity	88,080.00
Watkins Creek 18.26 Acres - 132	132	12/31/2002	Watkins Creek 18.26 Acres	101 - Utility Plant in Service:353 - Land	31,057.00
Watkins Creek 6.44 Acres - 155	155	12/31/2002	Watkins Creek 6.44 Acres	101 - Utility Plant in Service:381 - Collection Sewers-Gravity	29,000.00
Watkins Creek Phase III & - 134	134	02/01/2005	Watkins Creek Phase III &...	101 - Utility Plant in Service:380 - Treatment and Disposal Equip	150,000.00
Windor Points - 135	135	01/01/1999	Windor Points	101 - Utility Plant in Service:353 - Land	25,000.00
Windor Points - 136	136	01/01/1999	Windor Points	101 - Utility Plant in Service:381 - Collection Sewers-Gravity	151,000.00
Windor Points 5.2 Acres - 157	157	10/31/2006	Windor Points 5.2 Acres	101 - Utility Plant in Service:380 - Treatment and Disposal Equip	284,000.00
Womack's Creekview - 137	137	10/31/2006	Womack's Creekview	101 - Utility Plant in Service:361 - Collection Sewers-Gravity	6,750.00
Womack's Creekview - 138	138	10/31/2006	Womack's Creekview	101 - Utility Plant in Service:380 - Treatment and Disposal Equip	162,000.00
Womack's Creekview - 139	139	10/31/2006	Womack's Creekview	101 - Utility Plant in Service:361 - Collection Sewers-Gravity	18,000.00
Wyndsong - 140	140	12/04/2007	Wyndsong	101 - Utility Plant in Service:380 - Treatment and Disposal Equip	
Wyndsong - 141	141	12/04/2007	Wyndsong	101 - Utility Plant in Service:361 - Collection Sewers-Gravity	
Wyndsong Phase II 5.52 Ac - 153	153	12/04/2007	Wyndsong Phase II 5.52 ...	101 - Utility Plant in Service:353 - Land	

Hines Acquisitions LLC
Osburn Farms Property
4-Dec-18

Design, Engineering & Construction Budget

<u>Task</u>	<u>Unit</u>	<u>Cost</u>	<u>Sub-Total Budget</u>
<u>Design & Engineering</u>			
State Operating Permit	1	\$ 3,500.00	\$ 3,500.00
Engineering Coordination	1	\$ 7,500.00	\$ 7,500.00
SUBTOTAL			\$ 11,000.00
<u>Construction of Treatment, Filter & Drip</u>			
Infrastructure Access	1	\$ 11,000.00	\$ 11,000.00
Filter System	1	\$ 51,900.00	\$ 51,900.00
Monitoring System	1	\$ 44,500.00	\$ 44,500.00
Double Dual Areal	1	\$ 42,000.00	\$ 42,000.00
Tanks	1	\$ 92,750.00	\$ 92,750.00
Pumps & Equipment	1	\$ 105,250.00	\$ 105,250.00
Drip Field	1	\$ 66,900.00	\$ 66,900.00
Fences - four board wood	3000	\$ 14.50 foot	\$ 43,500.00
SUBTOTAL			\$ 397,800.00
<u>Construction Inspections</u>			
Line Inspections	45	\$ 600.00 each	\$ 27,000.00
Tank Inspections - Preliminary	99	\$ 225.00 each	\$ 22,275.00
Tank Inspections - Final	99	\$ 225.00 each	\$ 22,275.00
SUBTOTAL			\$ 71,550.00
<u>Remedial TDEC and TDEC</u>			
Filing Fees	1	\$ 2,500.00	\$ 2,500.00
Legal Fees	1	\$ 7,500.00	\$ 7,500.00
Coordination & Revisions	1	\$ 9,500.00	\$ 9,500.00
SUBTOTAL			\$ 19,500.00
<u>Overhead - 12%</u>			
		\$ 499,850.00	\$ 59,982.00
<u>Profit - 6%</u>			
		\$ 559,832.00	\$ 33,589.92
			\$ 93,571.92
TOTAL			\$ 593,421.92

EX. 28

Tennessee Wastewater Systems, Inc.**T.R.A. No. 1****Section 3****Third Revised Page 6****WASTEWATER UTILITY SERVICE**

<u>Service Territory</u>	<u>County</u>	<u>TRA Docket #</u>	<u>Rate Class</u>
Scales Project	Williamson	14-00006	RATE CLASS 1
Clovercroft Acres	Williamson	14-00062	RATE CLASS 1
Enclave at Dove Lake	Williamson	15-00025	RATE CLASS 1
Lighthouse Pointe	Grainger	17-00146	RATE CLASS 1
Ozburn Farms	Williamson	XX-XXXX	RATE CLASS 1 (T)

Issued: February 12, 2019**Effective:****Issued By: Matthew Nicks, President**

Hines Acquisitions LLC
Oakburn Forest Property

4-Dec-18

Projected Income Statement						
Line No.	Item	Year 1	Year 2	Year 3	Year 4	Year 5
	Number of Sewer Customers	30	50	70	90	99
	Access Fees					
	Number of lots with sewer access but no customer	69	49	29	9	0
	Access fee revenue (\$120 x lots)	\$ 8,280.00	\$ 5,880.00	\$ 3,480.00	\$ 1,080.00	\$ -
	Operating Revenue					
1	Service Revenue	\$ 17,370.00	\$ 28,950.00	\$ 40,530.00	\$ 52,110.00	\$ 57,921.00
2	Re-connect Fees	\$ -	\$ -	\$ -	\$ -	\$ -
3	Returned Check Charge	\$ -	\$ -	\$ -	\$ -	\$ -
4	Late Payment Charge	\$ -	\$ -	\$ -	\$ -	\$ -
5		\$ -	\$ -	\$ -	\$ -	\$ -
	Total Operating Revenue (sum of Line 1 through 4)	\$ 17,370.00	\$ 28,950.00	\$ 40,530.00	\$ 52,110.00	\$ 57,921.00
	Operating Expenses¹					
6	Total salaries and wages and payroll taxes (employees only)	\$ 2,903.40	\$ 4,899.00	\$ 6,774.60	\$ 8,710.20	\$ 9,581.22
7	Outside labor expenses (non-employees)	\$ -	\$ -	\$ -	\$ -	\$ -
8	Administrative and office expenses	\$ 643.50	\$ 973.50	\$ 1,303.50	\$ 1,633.50	\$ 1,782.00
9	Maintenance and repair expense ²	\$ 1,500.00	\$ 1,700.00	\$ 1,900.00	\$ 2,100.00	\$ 2,300.00
10	Purchased water	\$ -	\$ -	\$ -	\$ -	\$ -
11	Purchased sewerage treatment	\$ -	\$ -	\$ -	\$ -	\$ -
12	Electric power expense ³	\$ 776.40	\$ 1,294.00	\$ 1,811.60	\$ 2,329.20	\$ 2,562.12
13	Chemical expense	\$ -	\$ -	\$ -	\$ -	\$ -
14	Testing fees	\$ 320.00	\$ 320.00	\$ 320.00	\$ 320.00	\$ 320.00
15	Transportation expense	\$ 800.00	\$ 900.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00
16	Other operating expense	\$ -	\$ -	\$ -	\$ -	\$ -
17	Telephony	\$ 1,860.00	\$ 1,860.00	\$ 1,860.00	\$ 1,860.00	\$ 1,860.00
18	Total operation and maintenance expenses (sum of Line 6 through Line 17)	\$ 8,803.30	\$ 11,886.50	\$ 14,969.70	\$ 17,952.90	\$ 19,405.34
19	Annual depreciation expense	\$ 22,850.00	\$ 22,850.00	\$ 22,850.00	\$ 22,850.00	\$ 22,850.00
20	Property taxes paid on utility property	\$ 2,277.00	\$ 2,277.00	\$ 2,277.00	\$ 2,277.00	\$ 2,277.00
21	Franchise (gross receipts tax)	\$ 1,485.25	\$ 1,485.25	\$ 1,485.25	\$ 1,485.25	\$ 1,485.25
22	Annual MCUC regulatory fee	\$ 736.23	\$ 1,230.98	\$ 1,722.53	\$ 2,214.68	\$ 2,416.14
23	Total operating expenses (sum of Line 18 through Line 22)	\$ 36,153.78	\$ 39,729.13	\$ 43,304.48	\$ 46,779.83	\$ 48,453.73
	Income taxes					
24	Income taxes	\$ -	\$ -	\$ -	\$ -	\$ -
25	State Income taxes	\$ -	\$ -	\$ -	\$ -	\$ -
26	Federal Income taxes	\$ -	\$ -	\$ -	\$ -	\$ -
27	Total Income taxes	\$ -	\$ -	\$ -	\$ -	\$ -
28	Net operating income	\$ (10,503.78)	\$ (4,899.13)	\$ 705.53	\$ 6,410.18	\$ 8,867.27
29	Interest expense	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00
30	Net income	\$ (11,503.78)	\$ (5,899.13)	\$ (294.47)	\$ 5,410.18	\$ 7,867.27

1. Expenses were estimated using comparisons to known expenses from similar sewer systems.
2. It is assumed that maintenance expense will increase due to more homes sending wastewater flow into the sewer system.
3. It is assumed that electric power expense will increase due to the sewer system treating more wastewater flow.

Williamson County will require ULTRA-HIGH-INTENSITY SOIL MAPPING if the sites have been disturbed (i.e. cut, filled, compacted, etc.) or sites that have been previously assessed and were found to be unsuitable soil conditions.

1.10 ASSURANCE FOR COMPLETION AND OPERATION OF IMPROVEMENTS (BONDING REQUIREMENTS)

It is the intention of these regulations that a performance bond be required for all projects utilizing an non-traditional wastewater treatment and disposal system, utilizing land as the disposal location for the wastewater. The bond shall be equal to 150% of the cost for the wastewater treatment and disposal system. This bond shall include the cost of all the facilities, land, and improvements to the land in order to build the wastewater treatment and land disposal system. The construction cost for all of the components of the wastewater collection, treatment and disposal system shall be included in the performance bond. This bond shall be in place for a minimum period of three (3) years after 80% build-out of the development or project.

Agent, Applicant, Developer shall be required to execute a performance agreement consistent with and in accordance with these regulations for the provision of the wastewater treatment and disposal system and maintenance which shall be in a form acceptable to the Authority and binding upon all heirs, successors, and assigns of Agent, Applicant and Developer. Such agreement shall be executed prior to final plat approval in the case of residential developments, and final site plan approval in the case of non-residential developments.

Due to the relatively unproven reliability of land disposal systems within Williamson County, a "back-up" system or redundant wastewater treatment and disposal system must also be identified and bonded. The back-up or redundant system shall include one of the following:

1. Commitment from existing publicly owned treatment works (POTW) owned and operated by a public municipal utility to accept the wastewater from the wastewater treatment and disposal system in the event of failure or unacceptable operation of the wastewater treatment and disposal system which creates a public health and safety concern or;
2. Provide "back-up" facilities that will duplicate the wastewater treatment and disposal system proposed. This will include all the additional treatment and land disposal systems necessary to provide 100% redundancy to the wastewater treatment and disposal system proposed.

**REGULATIONS FOR WASTEWATER TREATMENT
AND LAND DISPOSAL SYSTEMS
WILLIAMSON COUNTY, TENNESSEE**

A "back-up" system performance bond equal to 150% of the cost for the redundant system or the cost for connection to the publicly owned treatment works will be provided. This performance bond shall provide sufficient money for all required modifications to the treatment system so the wastewater can be discharged to a publicly owned treatment works (including new sewer facilities and POTW connection fees), or a new treatment and disposal system can be constructed.

The "back-up" system performance bonds shall be in place for the anticipated design life of the wastewater treatment system but in no case shall the performance bond period be less than ten (10) years from 80% build-out of the development.

Applicable provisions of Section IV, "ASSURANCE FOR COMPLETION AND MAINTENANCE OF IMPROVEMENTS", of the Williamson County Subdivision Regulations, concerning the type of acceptable performance bonds and Williamson County Planning Commission's rights under the required bonds are incorporated herein and are made part of these regulations.

1.11 OWNERSHIP OF WASTEWATER TREATMENT AND DISPOSAL SYSTEM SITE

1. The wastewater treatment system, storage lagoons and land disposal site(s) and back-up disposal sites shall be owned and operated by the same entity. No homeowners association of trust indenture shall be permitted to own or operate any part of any wastewater treatment and disposal system. The Owner of the wastewater treatment and disposal system shall also be required to employ on a full-time basis a person to hold a valid, current and applicable operators license issued by TDEC, Water & Wastewater Operators Certification Board. Said Owner shall also be required to hold a valid and current approval from the Tennessee Regulatory Authority to operate said system in the proposed location. The treatment system and disposal site shall be dedicated or restricted so the only approved or acceptable use for the land disposal sites shall be for the purpose of providing wastewater treatment and disposal. The use of the land disposal sites as open space in the base site area calculations for subdivisions is prohibited. All of the components of the wastewater system, including the wastewater septic tanks, if required, collection systems, pumping stations, treatment systems and storage lagoons land disposal sites shall be owned and operated by the same entity.

2. All required wastewater utility easements shall be shown on plat or site plan. Easements shall be provided to allow access to all components of the treatment system, i.e., septic tanks, pipelines, etc.

3. If auxiliary disposal sites are proposed (over and above the minimum area required for satisfactory operation of the treatment and disposal system), these sites will

**REGULATIONS FOR WASTEWATER TREATMENT
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WILLIAMSON COUNTY, TENNESSEE**