Electronically Filed in TPUC Docket Room on August 20, 2024 at 10:55 a.m.

IN THE TENNESSEE PUBLIC UTILITY COMMISSION AT NASHVILLE, TENNESSEE

IN RE:)	
)	
PETITION OF TENNESSEE)	
WASTEWATER SYSTEMS, INC., TO)	DOCKET NO. 24-00050
AMEND ITS CERTIFICATE OF)	
CONVENIENCE AND NECESSITY)	

PETITION TO AMEND ITS CERTIFICATE OF CONVENIENCE AND NECESSITY TO INCLUDE STAR CREEK ESTATES

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 the Star Creek and Hyde Park subdivisions in Williamson County.

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

General Information:

- 1. The applicant is Tennessee Wastewater Systems, Inc. which is located at 851 Aviation Parkway, Smyrna, TN 37167.
- 2. **Organizational Chart** See Exhibit 2
- 3. Tennessee Wastewater Systems, Inc. is wholly owned by Adenus Group, LLC. The members of Adenus Group, LLC are Thomas Pickney, William

- Pickney, and Robert Pickney. 849 Aviation Parkway, Smyrna, TN 37167. Each owns 33.3% of Adenus Group, LLC.
- 4. **Corporate Organizational Chart with Affiliates** See Exhibit 4 Adenus Technologies, LLC will provide certain materials and supplies to the project as well as panels and telemetry monitoring to the system. TWSI is aware of and will abide by the Commission's affiliate transaction rules with respect to transactions between TWSI and its affiliates.
- 5. **Articles of Incorporation** See Exhibit 5
- 6. **Tennessee Business License** See Exhibit 6
- 7. **Description of Geographic Territory** The development is in Williamson County and consists of two adjoining parcels, the Star Creek parcel located at 6644 New Town Road, College Grove, Tennessee and the Hyde Park parcel located at 6620 Hyde Road, College Grove Tennessee.
- 8. **Description of the Proposed Wastewater System** The proposed system will serve both Star Creek and Hyde Park parcels and is designed for 24,100 gpd of wastewater flow. It is comprised of a watertight effluent pressure collection system, utilizing STEP/STEG tanks and a BioClere treatment system. The treated effluent will be land applied for disposal. The treatment system will not be built in phases.
- 9. Estimated Dates for commencement and completion of construction Construction will commence at a time agreeable between the developer and its contractor and will take approximately 180 days. TWSI is aware of TPUC Rule 1220-04-13-.09(7) and fully expects the wastewater system to be completed within 3 years from the date of the written order granting the CCN. Notice of completion of the system will be filed in this docket as required by the Rule.
- 10. **Phases/Houses per Phase** Star Creek will consist of 34 single family homes and Hyde Park, 16 single family homes. Additional capacity (9,100 gpd) is being reserved in the system for future commercial development (county park and EMS services). (See Exhibit 7).
- 11. Builder/Developer Identity See Request to Serve Letter Exhibit 11

Jim Kessinger 250 Moran Farms, LLC 8000 Warren Parkway, #100 Frisco, TX 75034 kessingerj@comcast.net

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 (Sewer Service Agreement). Any additional relevant contract, including the construction contract, will be filed in this docket once available.

Managerial Ability:

- 15. Biographies of officers and key wastewater utility staff w/ list of certifications or professional licenses See Exhibit 15
- 16. TWSI is a certified wastewater provider in the State of Tennessee. Its parent company Adenus Group, LLC owns certified wastewater providers in Alabama, and Ohio.
- 17. Merger/Acquisition n/a
- 18. **Treatment System Contractor** A contractor has not been selected to build this system. Once the job is awarded, the contract along with a copy of the contractor's license will be filed in this docket.

Technical Ability:

- 19. **SOP Application/Permit** See Exhibit 19 (Application). The letter of complete application, along with the draft SOP and final SOP will be filed in this docket once issued by TDEC.
- 20. State Operator Certificate See Exhibit 20
- 21. TWSI Contact Person:

Matthew Nicks

Tennessee Wastewater Systems, Inc. 615-220-7200

Matthew.Nicks@adenus.com

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

Financial Capability:

- 23. Financial Statements See Exhibits 23A, 23B, and 23C.
- 24. **Pro Forma** (Five years of operations) –With over 6000 customers, the addition of 74 customers at the Star Creek Estates development will have minimal impact to the Company's overall finances (as shown in Exhibits 23 and 31).
- 25. NARUC Chart of Accounts See Exhibit 25
- 26. Plant in service account numbers See Exhibit 26
- 27. **Depreciation rates/schedule** Depreciation is straight line with the following schedule:

Building – 15 years Fence – 7 years Panel – 7 years Tank – 10 years Treatment – 26 years

- 28. Estimated Cost of Construction See Exhibit 28.
- 29. TWSI will own the system once it is completed, inspected, and accepted by the Utility. Estimated amount of contributed capital will include the treatment plant and collection system, as well as the cost of the land conveyed to the Utility. These costs are not known at this time but will be filed in this Docket along with the actual cost of the treatment system when provided by the Developer to TWSI, no later than at the time the final plat is signed by the Utility. Contributed Capital is recorded when the system is commissioned (accepted) by debiting the appropriate utility plant in service asset account and crediting the CIAC account.

- 30. **Tariff** On file with the Commission. See Exhibit 30 for addition of the Star Creek Estates to the residential tariff sheets.
- 31. Five Year Build Out Estimate of Development See Exhibit 31
- 32. Municipal Bonding Requirements See Item 33.
- 33. **Performance Bond** Williamson County requires a performance bond from the developer prior to the commencement of any construction on the system. A copy of the performance bond will be filed in this docket prior to the commencement of construction of this project.
- 34. **Funding Sources** The developer is responsible for funding the construction of the wastewater system.
- 35. **Financial Security** On file with the Commission.

THEREFORE, having shown that a public need exists and that TWSI possesses the requisite managerial, technical, and financial capabilities to provide service to the Star Creek and Hyde Park subdivisions in Williamson County, Tennessee, TWSI respectfully requests the Commission's approval of this Petition.

RESPECTFULLY SUBMITTED,

Jeff Risden (BPR No. 32769)

General Counsel

Tennessee Wastewater Systems, Inc.

851 Aviation Parkway

Smyrna, TN 37167

(615) 220-7171

jeff.risden@adenus.com

Tennessee Wastewater Systems, Inc. Organizational Chart

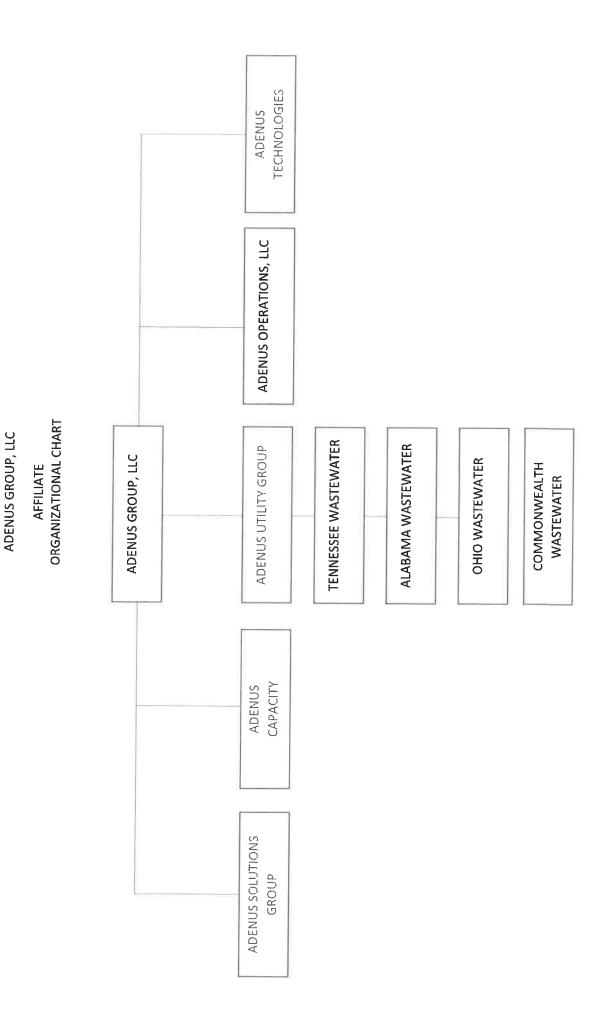
Jeff Risden, CEO

Matthew Nicks, President

Thomas Pickney, Secretary

William Pickney, Treasurer

Tim Barber, Controller





4848 1792

For Office Use Only

Department of State Corporate Filings 312 Eighth Avenue North

ARTICLES OF AMENDMENT TO THE CHARTER (For-Profit)

FILED

6th Floor, William R. Snodgrass Tower Nashville, TN 37243		-7.11
CORPORATE CONTROL NUMBER (IF KNO	ONN) 026 3859	s 811 - III
PURSUANT TO THE PROVISIONS OF SEC CORPORATION ACT, THE UNDERSIGNED OF TICLES OF AMENDMENT TO ITS CHARTER	CORPORATION ADOPTS THE FOLLOW	
1. PLEASE INSERT THE NAME OF THE CO	PRPORATION AS IT APPEARS OF RECO	PRD:
IF CHANGING THE NAME, INSERT THE	NEW NAME ON THE LINE BELOW:	īne.
2. PLEASE MARK THE BLOCK THAT APPL	LIES:	
AMENDMENT IS TO BE EFFECTIVE WE AMENDMENT IS TO BE EFFECTIVE,	HEN FILED BY THE SECRETARY OF ST	ATE. (month, day, year)
(NOTTOBELATER THAN THE 90TH DAYAFTER THE THE AMENDMENT WILL, BE EFFECTIVE AT THE TIME		BLOCK IS CHECKED,
3. PLEASE INSERT ANY CHANGES THAT A A. PRINCIPALADDRESS:	APPLY:	
C/TY	STATE/COUNTY	ZIP CODE
B. REGISTEREDAGENT:		
C. REGISTERED ADDRESS:	STREET ADDRESS	
D. OTHER CHANGES:	TN STATE OF COOK COOK	τ¥:
4. THE CORPORATION IS FOR PROFIT.		
5. THE MANNER (IF NOT SET FORTH IN THE CHANGE, RECLASSIFICATION, OR CANC	HE AMENDMENT) FOR IMPLEMENTATI CELLATION OF ISSUED SHARES IS AS	ION OF ANY EX- FOLLOWS:
6. THE AMENDMENT WAS DULY ADOPTED BY (Please mark the block that applies):	DON June 30, 2003	(MONTH , DAY, YEAR)
☐ THE INCORPORATORS WITHOUT SHAR ☐ THE BOARD OF DIRECTORS WITHOUT S☐ THE SHAREHOLDERS.	EHOLDER ACTION, AS SUCH WAS NO HAREHOLDER APPROVAL, AS SUCH W	T REQUIRED. AS NOT REQUIRED.
PRESIDENT SIGNER'S CAPACITY	SIGNATURE	
DATE		KDEY, JR
\$\$-4421 (Rev. 10/01)	iling Fee: \$20.00	RDA 1678



Division of Business Services Department of State

State of Tennessee 312 Rosa L. Parks AVE, 6th FL Nashville, TN 37243-1102

JEFF RISDEN ADENUS GROUP, LLC 849 AVIATION PARKWAY SMYRNA, TN 37167

August 9, 2023

Request Type: Certificate of Existence/Authorization

Request #: 0541904 Issuance Date: 08/09/2023

Copies Requested:

Document Receipt

Receipt #: 008296648 Filing Fee:

Payment-Credit Card - State Payment Center - CC #: 3856142652

\$20.00 \$20.00

Regarding:

TENNESSEE WASTEWATER SYSTEMS, INC.

Filing Type:

For-profit Corporation - Domestic

Formation/Qualification Date: 03/16/1993

Status:

Active

Duration Term:

Perpetual

Business County: RUTHERFORD COUNTY

Control #:

263854 03/16/1993

Date Formed: Formation Locale: TENNESSEE

Inactive Date:

CERTIFICATE OF EXISTENCE

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

TENNESSEE WASTEWATER SYSTEMS, INC.

- * is a Corporation duly incorporated under the law of this State with a date of incorporation and duration as given above:
- * has paid all fees, interest, taxes and penalties owed to this State (as reflected in the records of the Secretary of State and the Department of Revenue) which affect the existence/authorization of the business:
- * has filed the most recent annual report required with this office;
- * has appointed a registered agent and registered office in this State;
- * has not filed Articles of Dissolution or Articles of Termination. A decree of judicial dissolution has not been filed.

Secretary of State

Processed By: Cert Web User

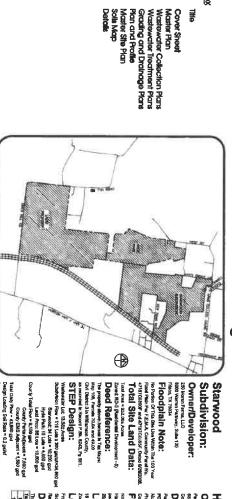
Verification #: 062183526

Starwood Treatment Facility

Hyde Park Subdivision, 6620 Hyde Road Ladd Property, 6806 Owen Hill Road Williamson County Park, Arno-College Grove Road Starwood Subdivision, 6644 New Town Road STEP System Design and Wastewater Site Plan

SOP -

Williamson County, Tennessee Construction Drawings



Noiensyllie College Grave Utility District 2002 Johnson Industed Blvd. Rolensville, TN 37135 Phana: (815) 778-2511 Contact Miles Poleton

C5.0 - C5.2 C6.0 - C6.1 C7.0 - C7.7

Dounty Engineeting: Williamson County Engineeting Outl. Island ACO 2020 Week Marn St. 1707 Week Marn St. 1707 Mark (1915) 758-5509 2014 ACC Floyd Hallin

00.1-00.4 C1.0-C1.11 C2.0-C2.1

inglinear/Burveyor; the Engineating Consultants, Inc. 120 Million Tennassae Bivd. Muthoselont, TN 37729 Financ (515) 594-7001 Contact: Jamie Reed

Site Location Map

Watershed: Overall Creek

SITE ENGINEERING CONSULTANTS SAGRESSIA SUPERING CONSULTANTS

lames F. Reed III, P.E.

TN. Reg. #109038

Approved by the Williamson County Planning Commission, with such conditions as are indicated in the minutes of the Commission on

Subdivision: Owner/Developer: Wagty Moren Smith and Susan M 1920 Hyde Rd. College Grown, TN 37046

I. Morths M Lasid
4187 Arms Rd
Frankfor, TN 37054
2. Steam Norm Zhrusele
8006 DAWN THI Rd
College Grove, TN 37046
1. Thomas J and Badly I. Wisson
8886 North North TN 37046
College Grove, TN 37046
College Grove, TN 37046

Ladd Property:

Partia Development, LLC PFO Sox 5049 Must resident, TN 97133-5049 Phones 515-590-4045 Floodplain Note:

Lot Setbacks: _and Data: orson of this site lies within a 100 Year Flood N AVMI E.M.A. Map No. 47187C0380F dated Sept. Developer:
259 Norm Farm, LLC
8000 Warran Parkway; Suits 100
Fluck, TX 75034
Floodplain Note:

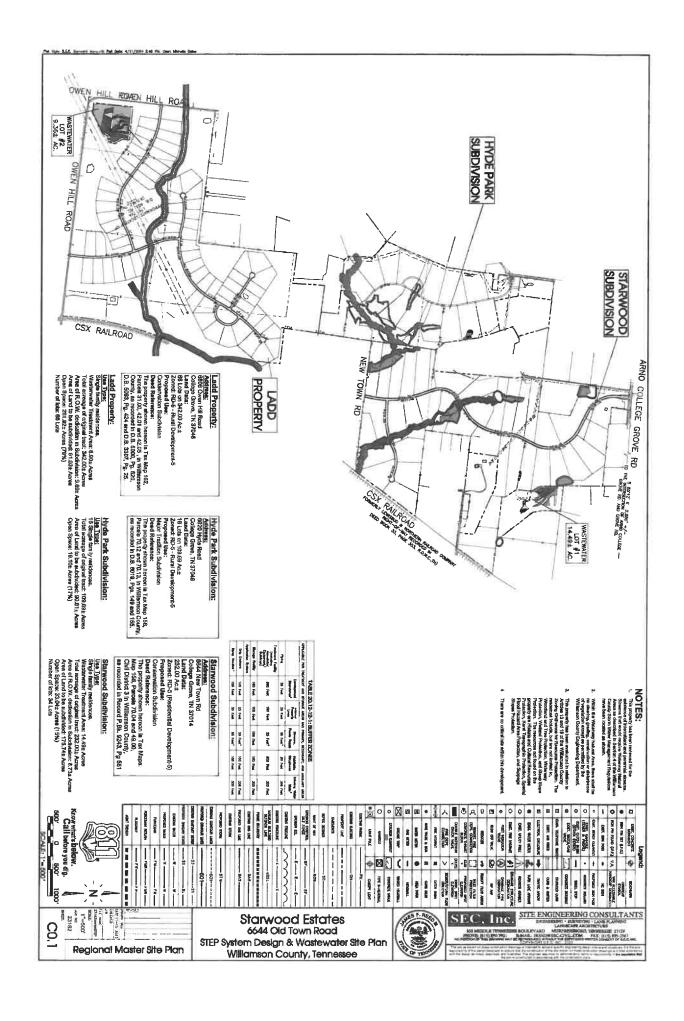
No Portion Of This ties Use Within The 100 Year Flood Plain Per F.E.M.A. Community Pared No. 4716708895 and 4716708895; Junes 9782008.

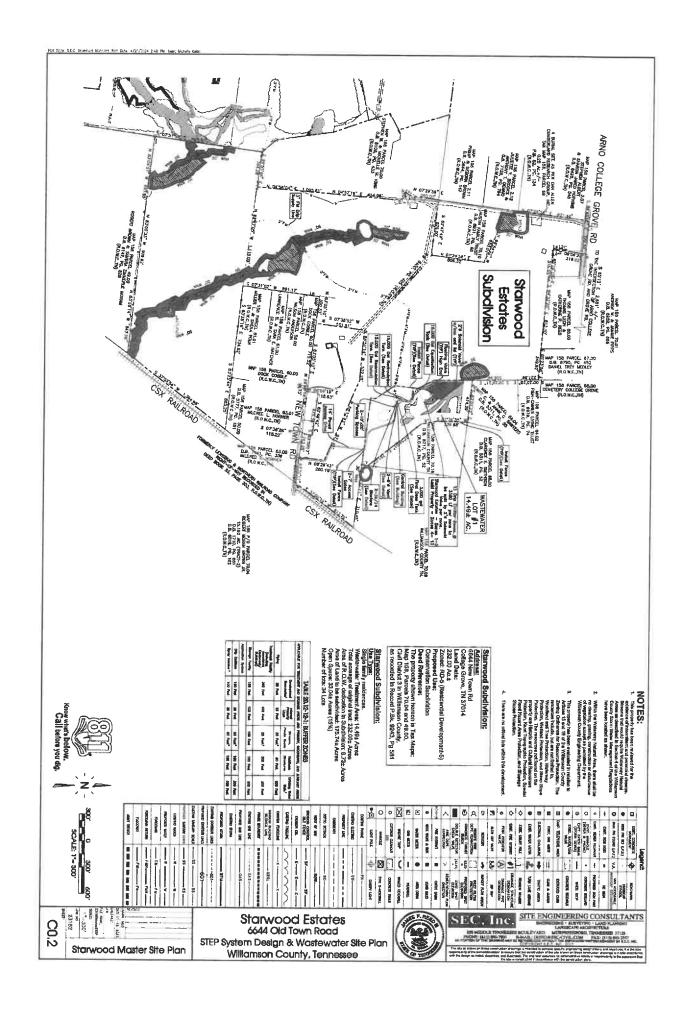
Total Site Land Data: Deed Reference:

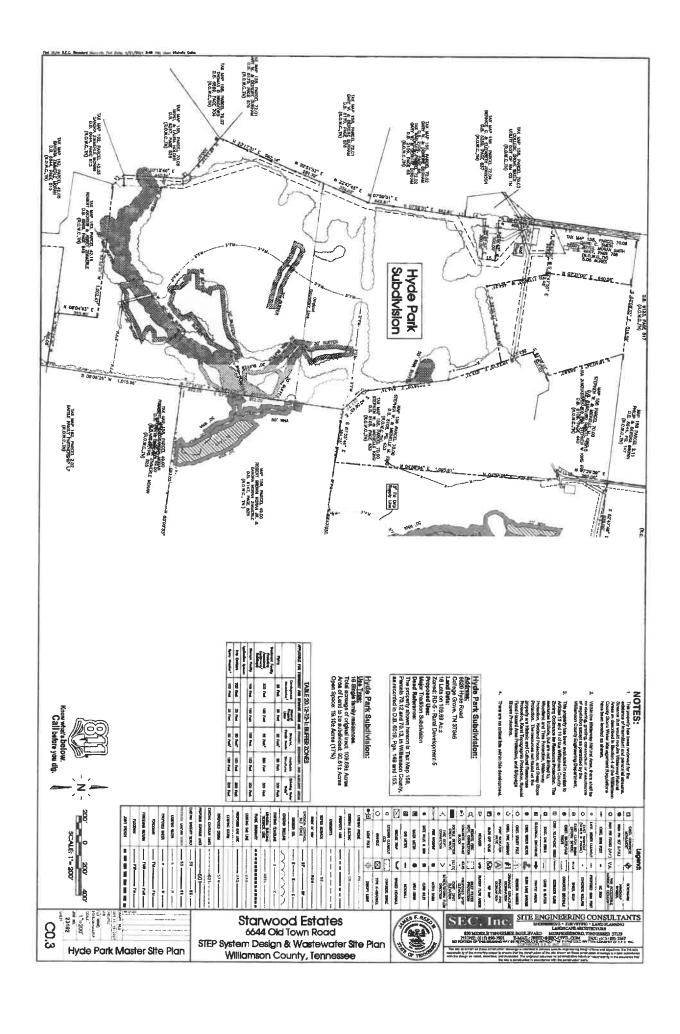
ine property shown hereon is Tax Map 162, Parcel 31.00, 42.01 and 42.05 , in Yolfanyson County, as recorded in D.B. 6000, Pg. 630, 6800, Pg. 424 and 0.B. 5007, Pg. 25.

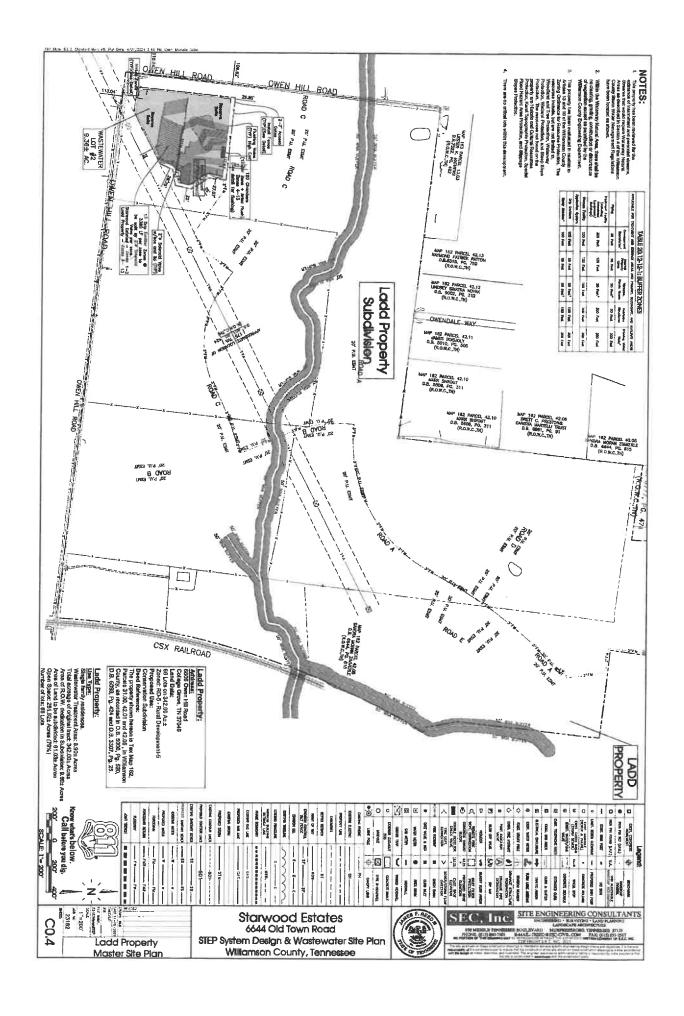
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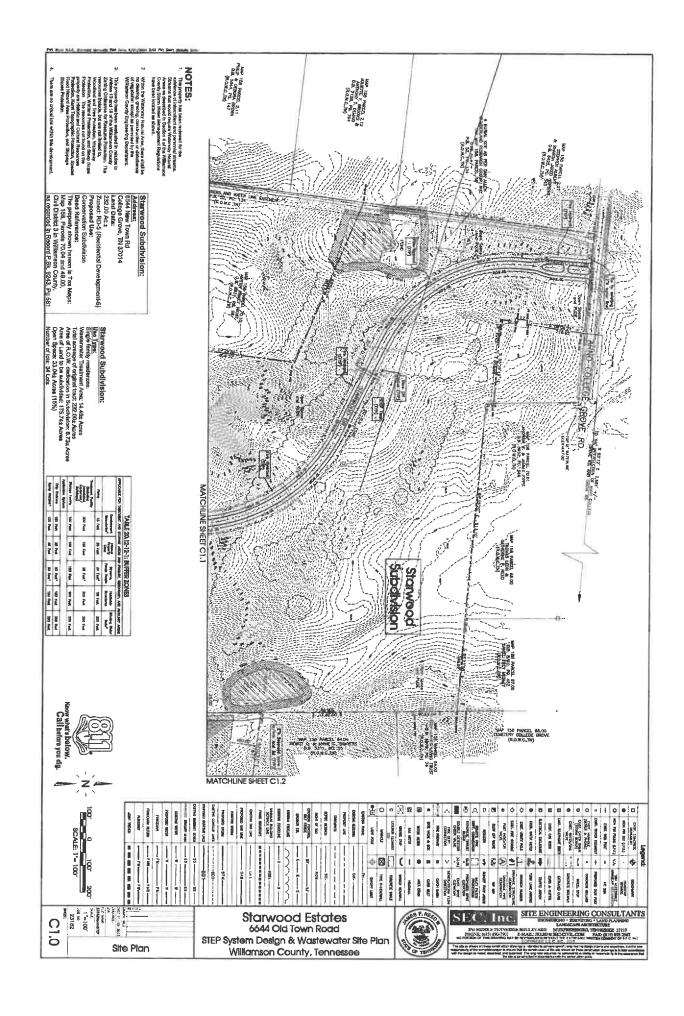
Sheet CO.0 Storwood Estates Treatment Facility S.E.C. Project #23182 Data: 4-4-2024 Revised:

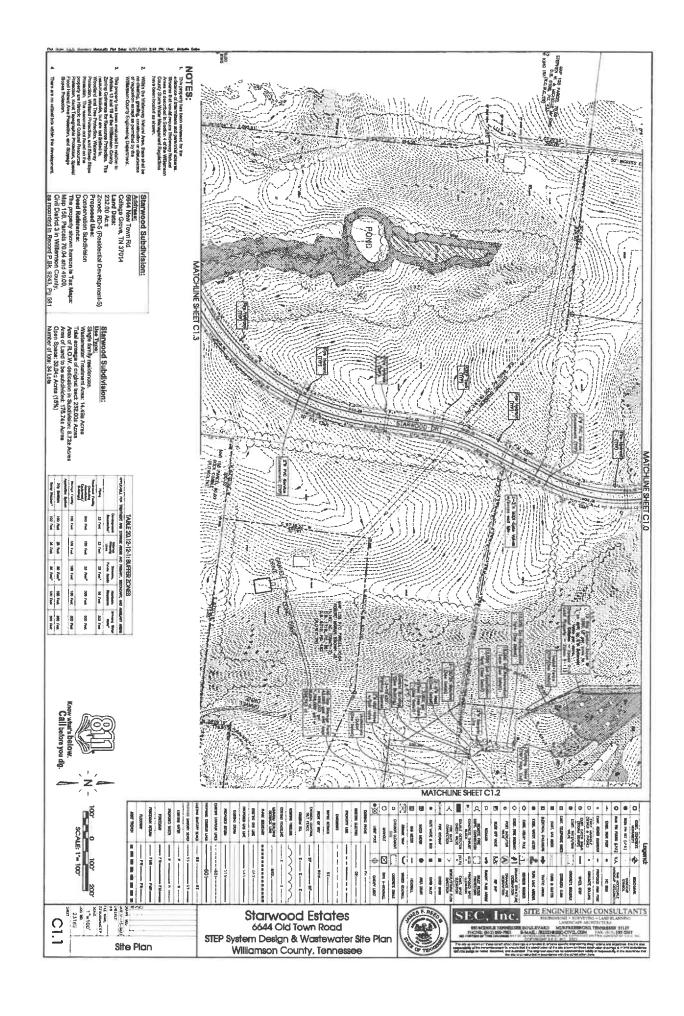


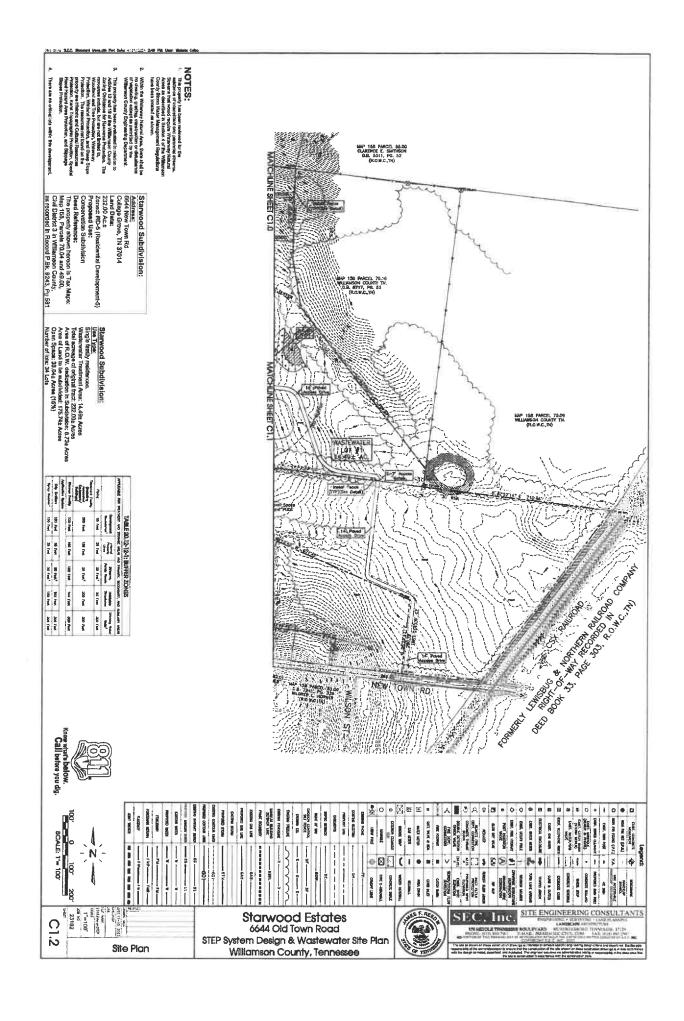


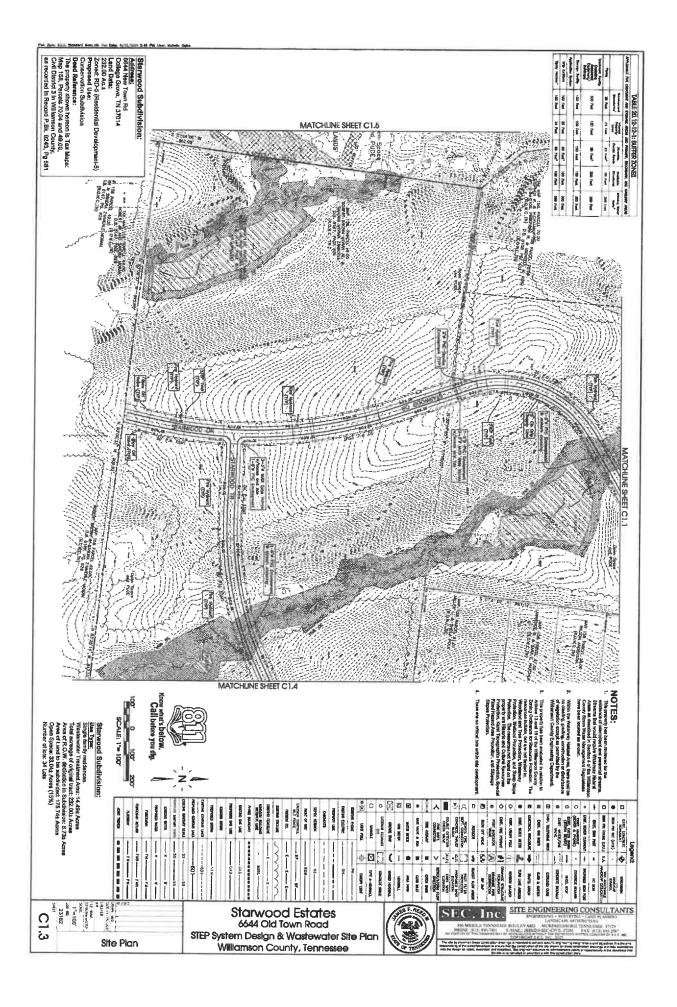








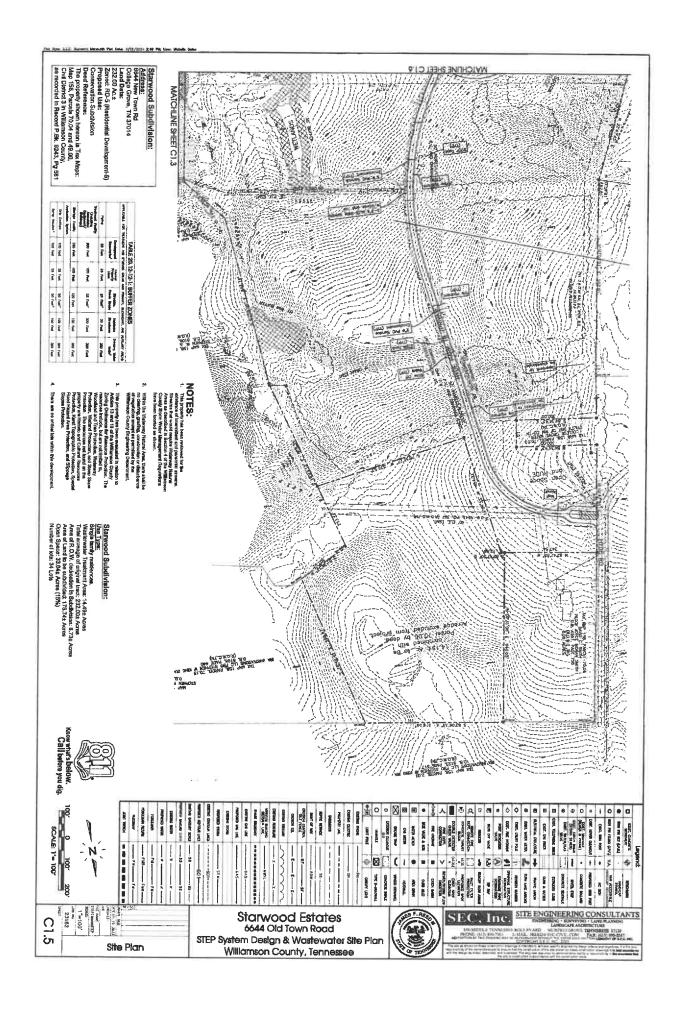


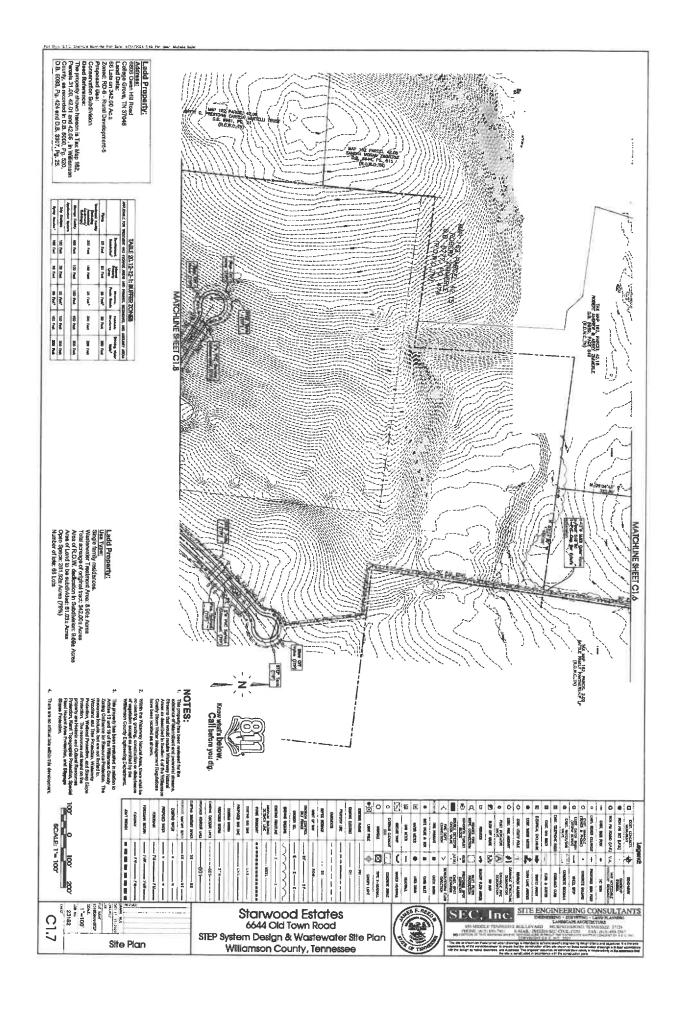


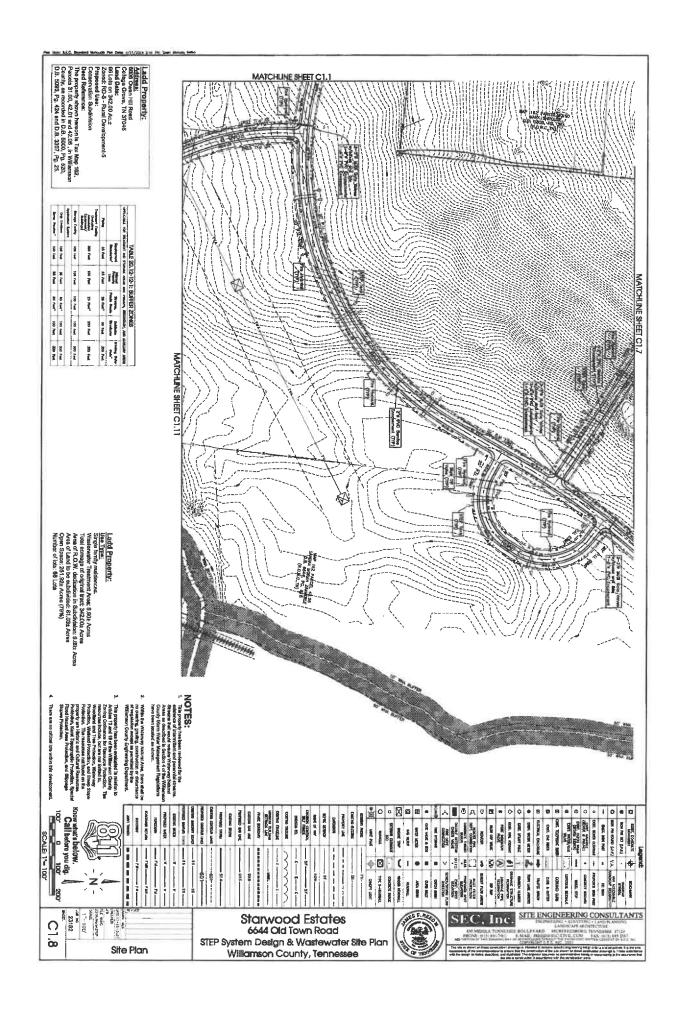
ddress: 644 New Town Rd College Grove, TN 37014 arwood Subdivision: FOR WALL STREET, TOO' 100' 23182 Starwood Estates 6644 Old Town Road STEP System Design & Wastewater Site Plan

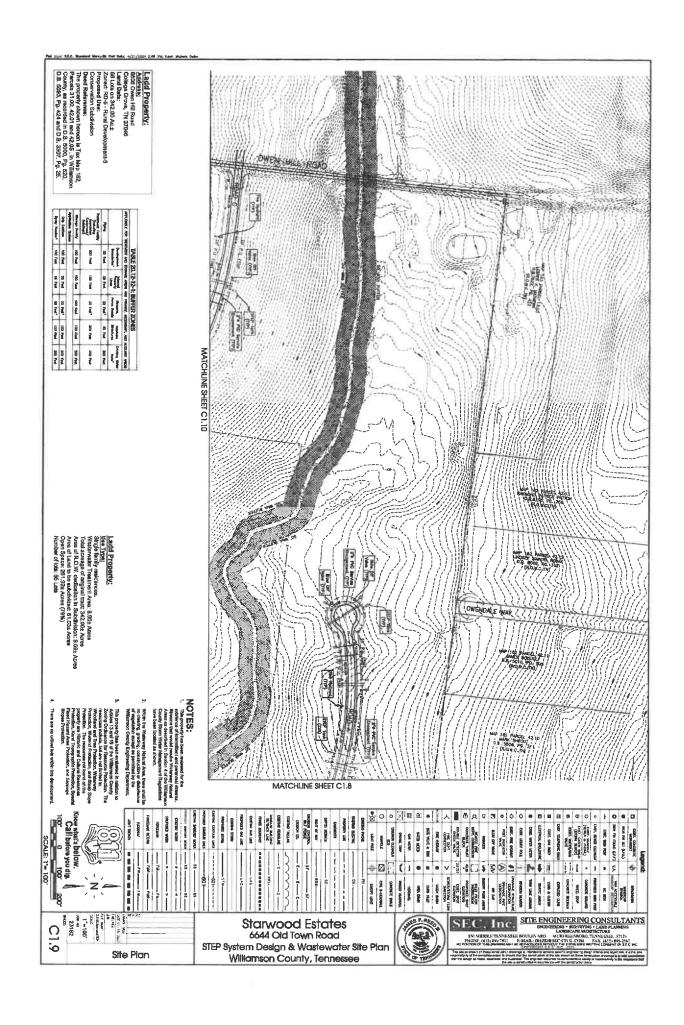
Williamson County, Tennessee

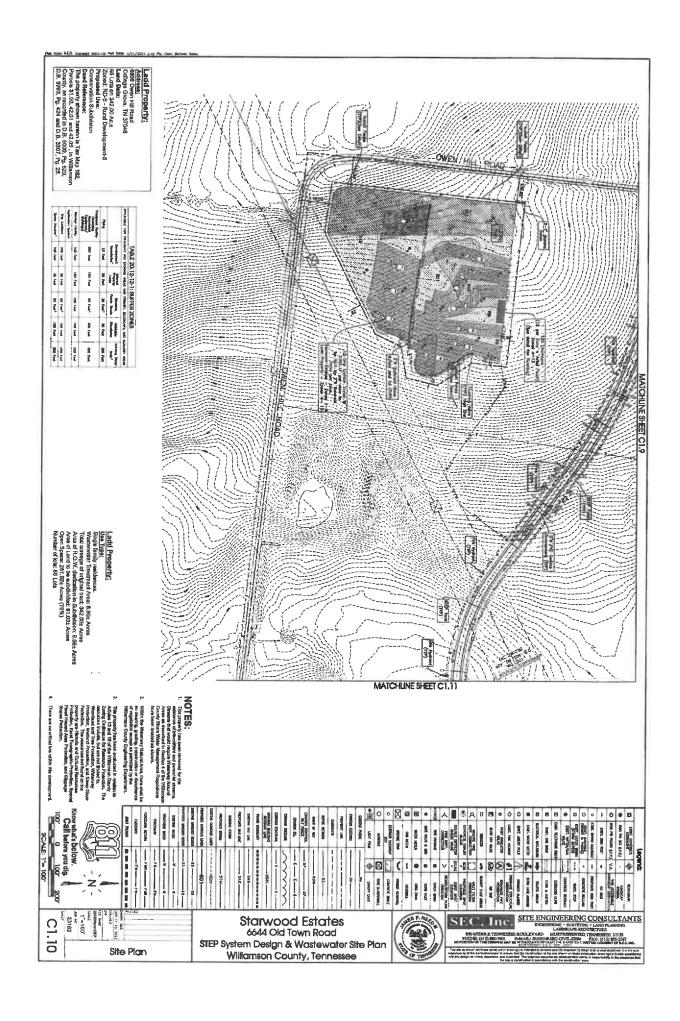
Site Plan

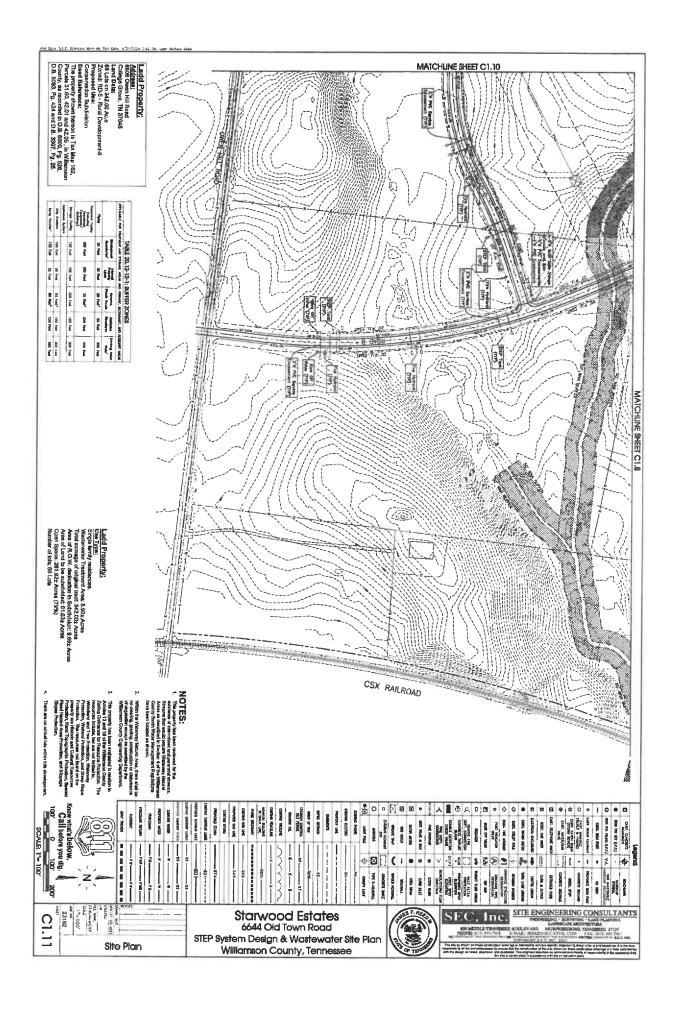


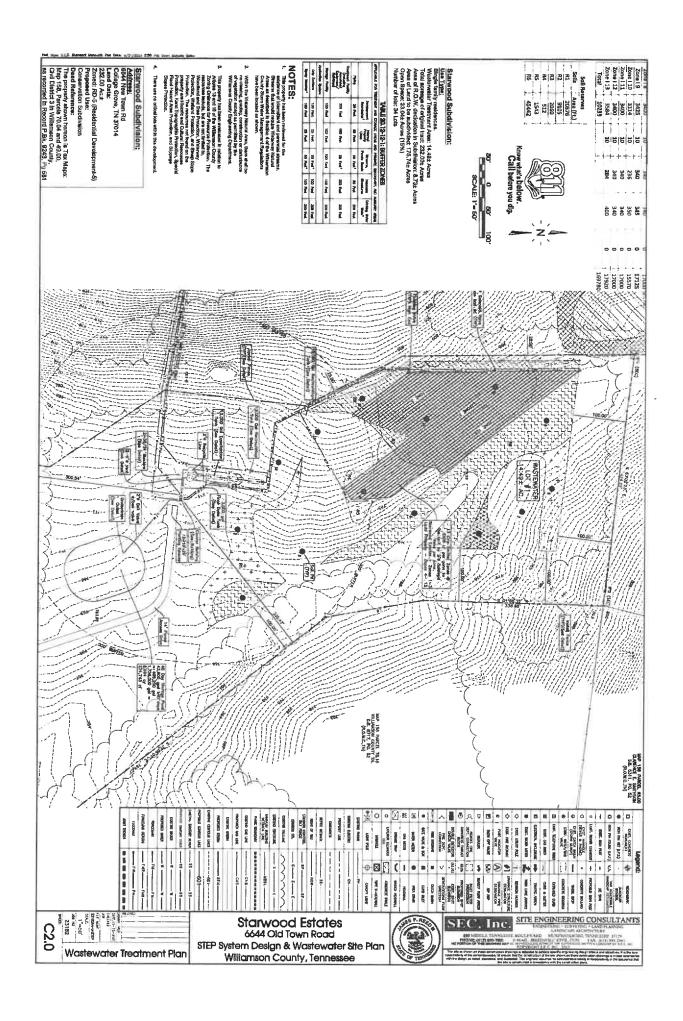


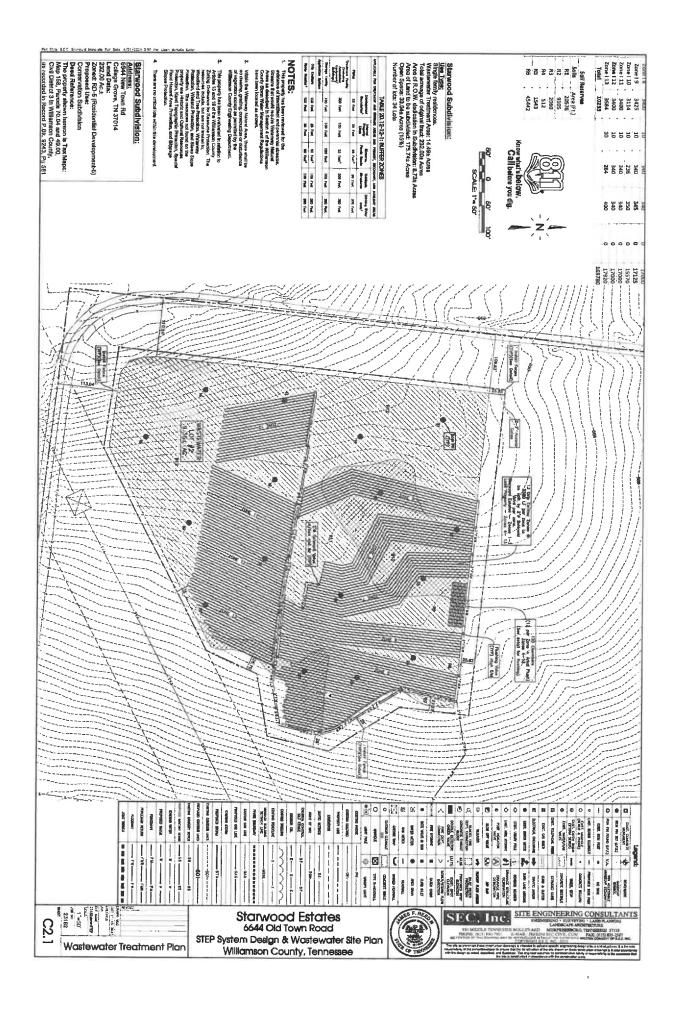


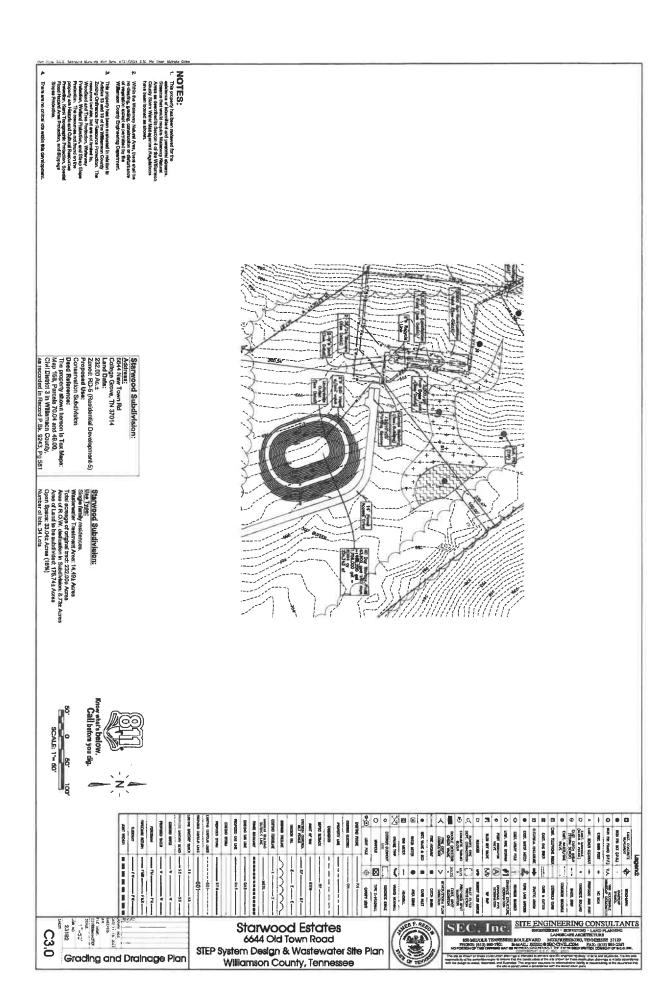


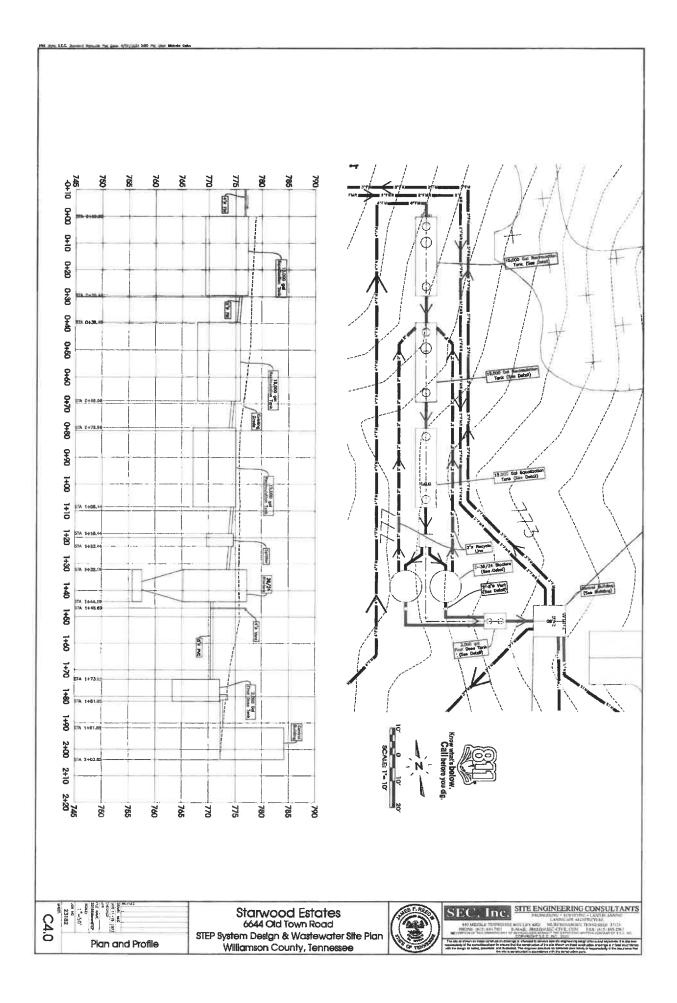


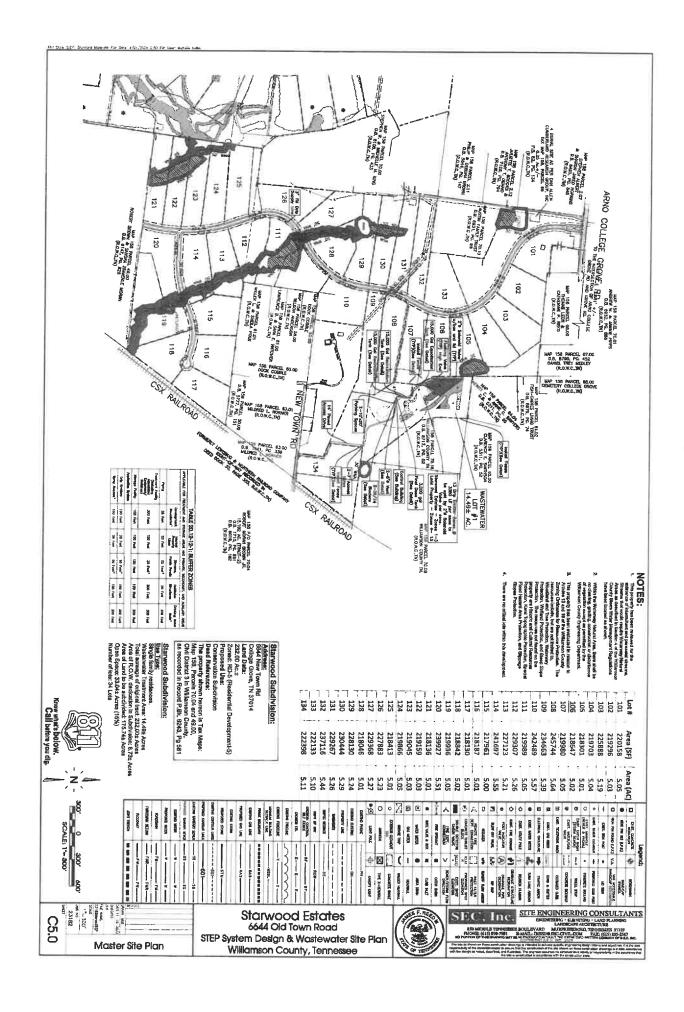


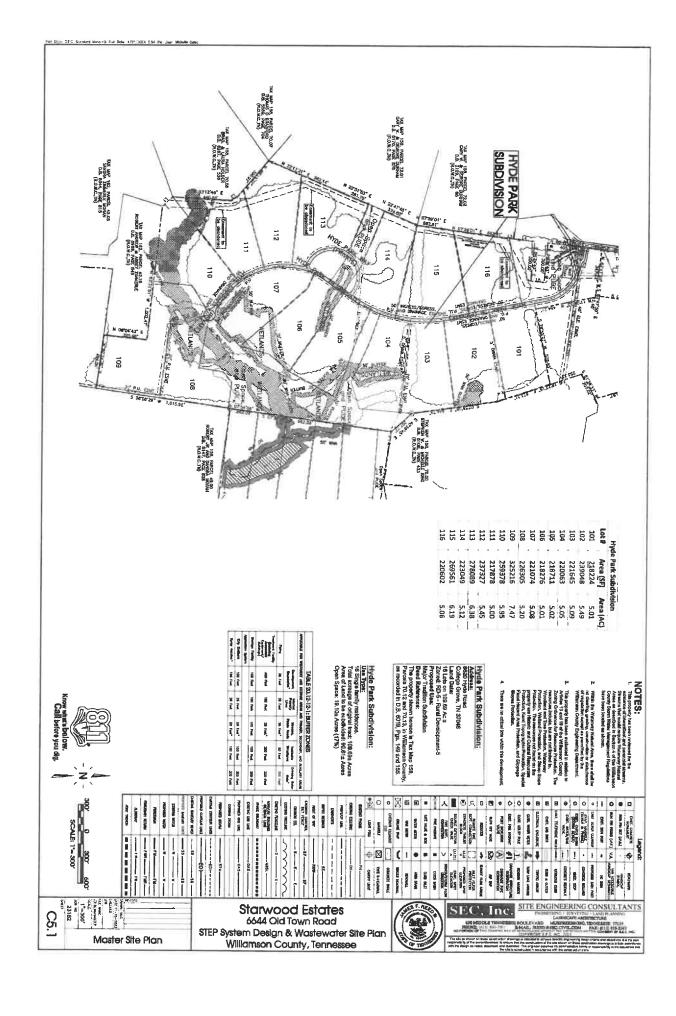


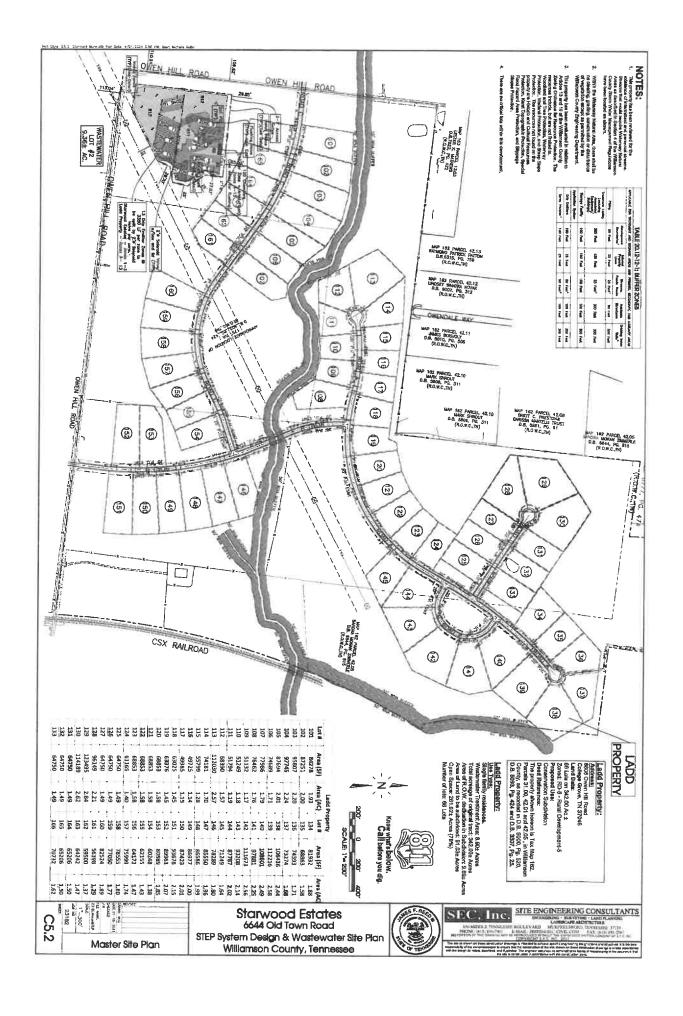


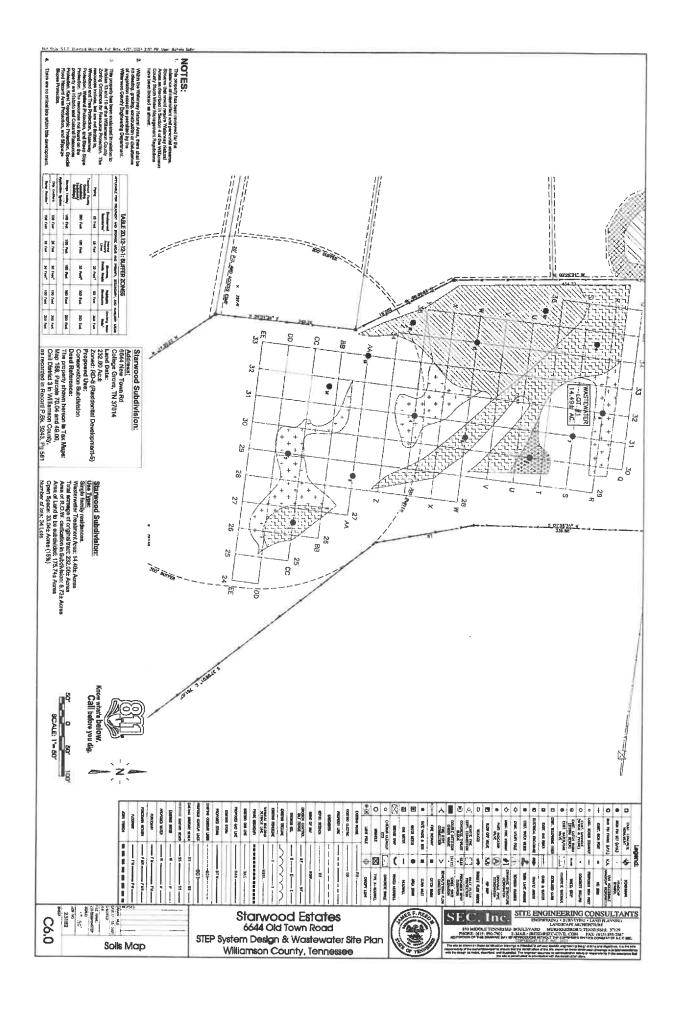


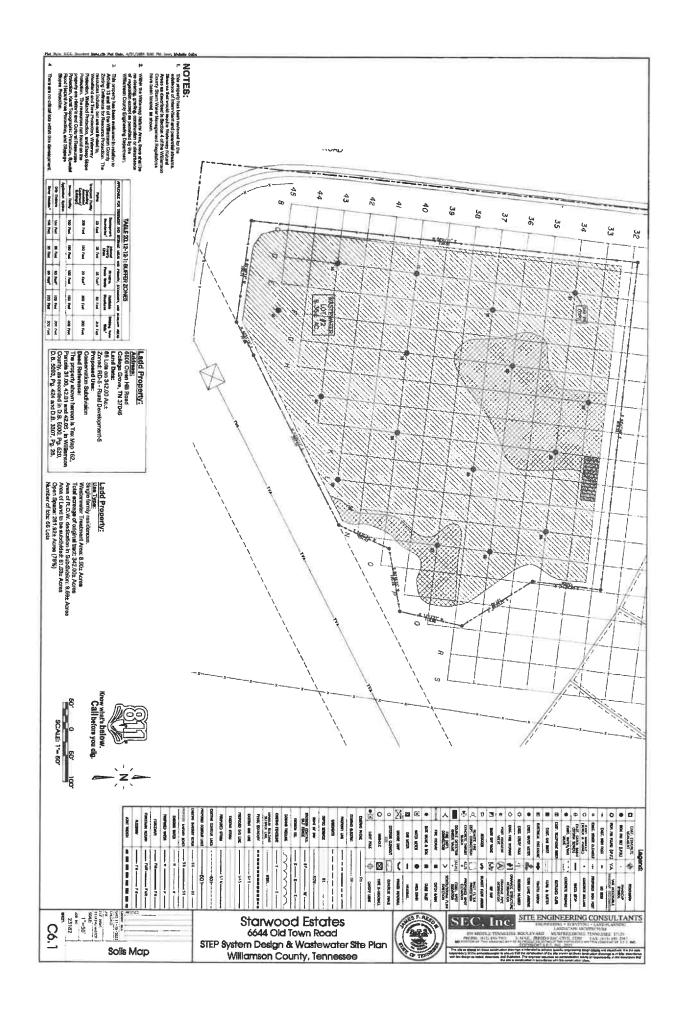


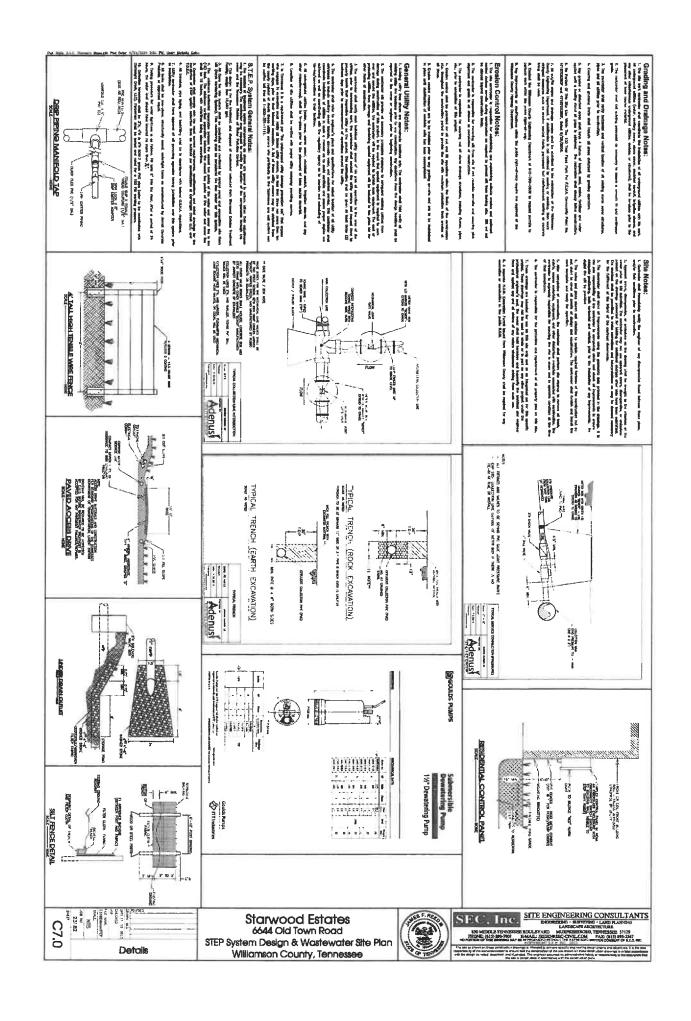


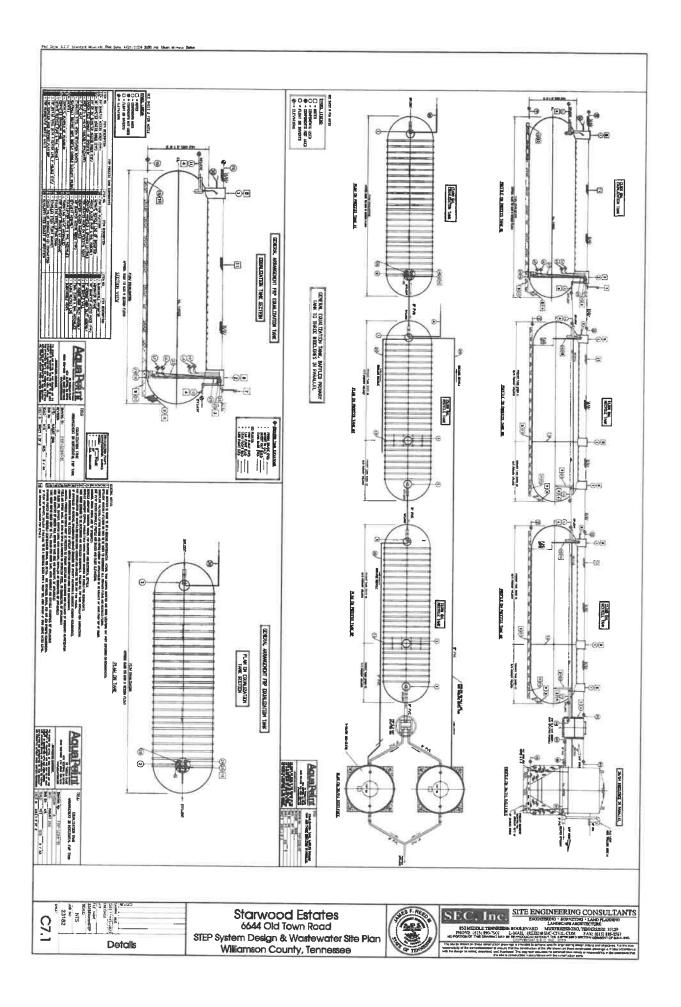


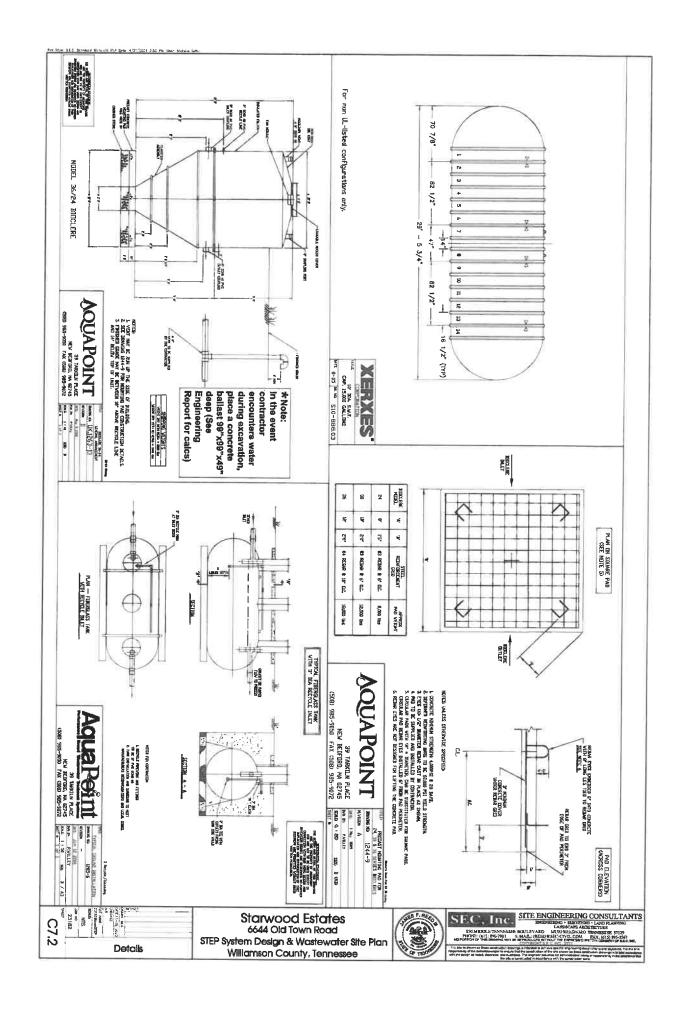


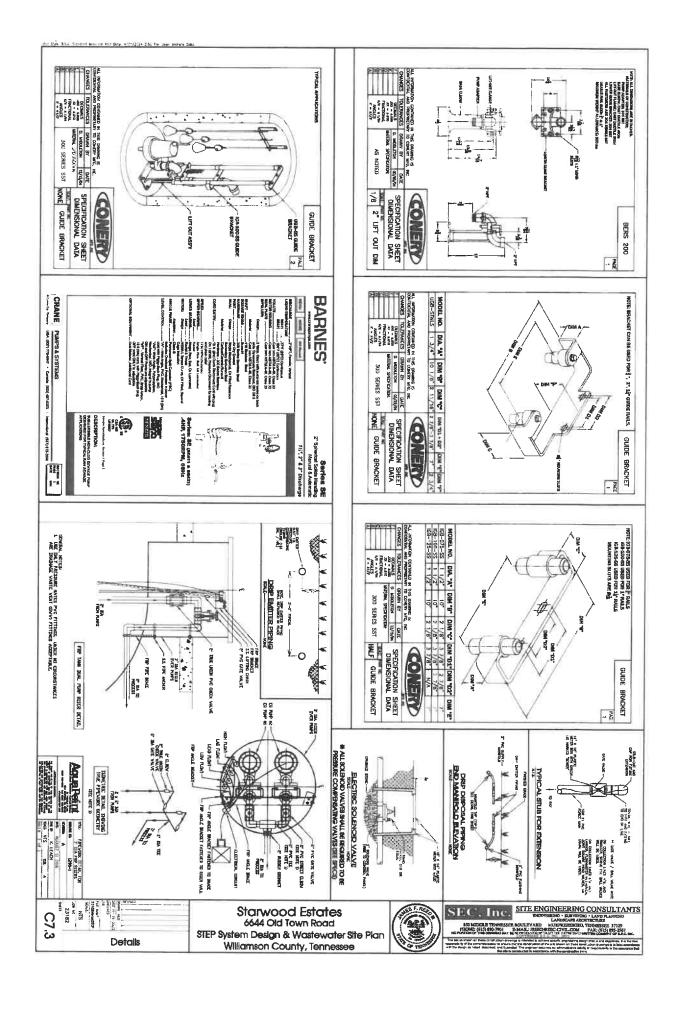


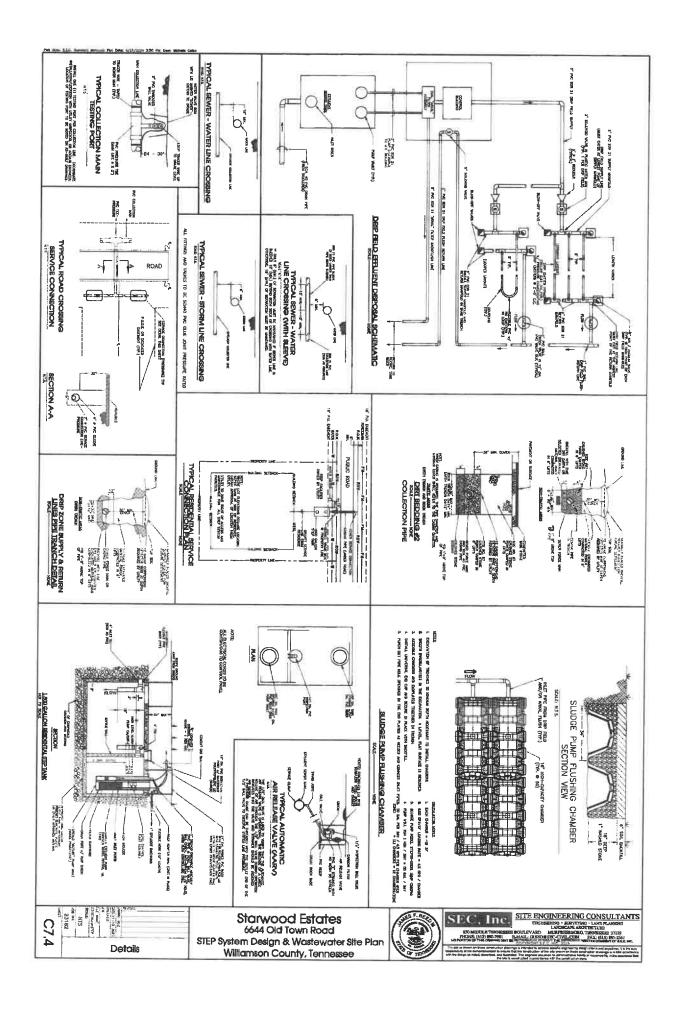


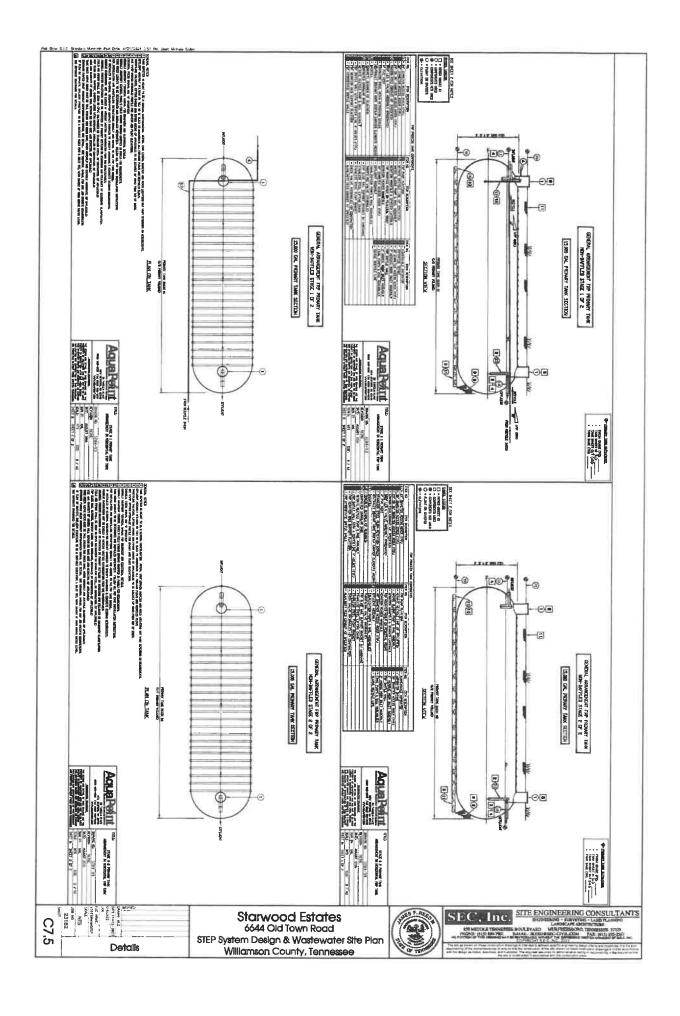


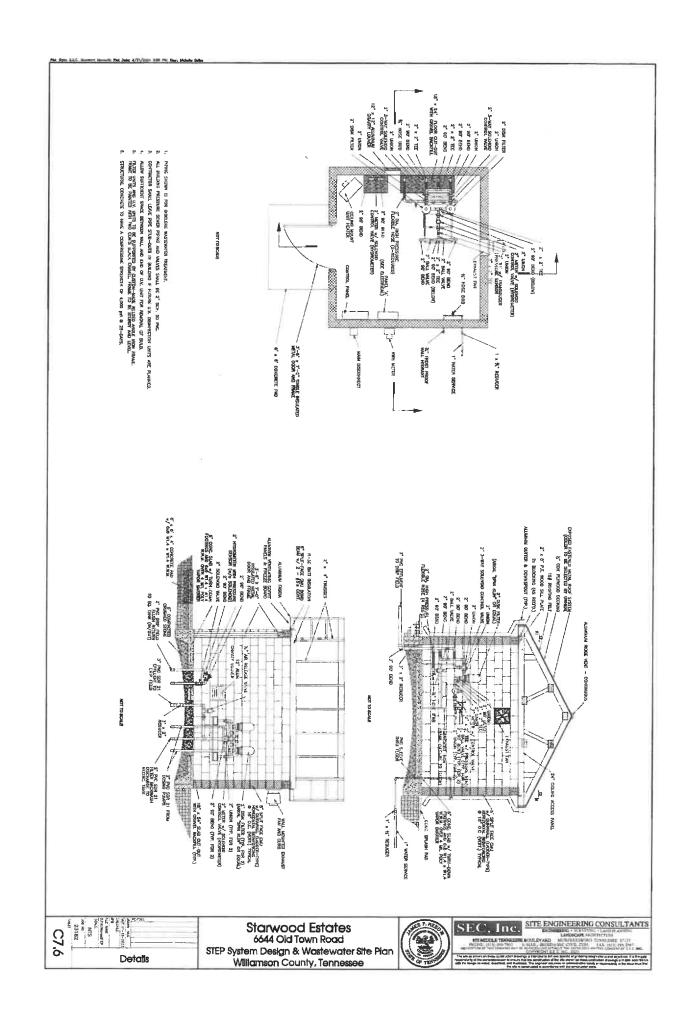


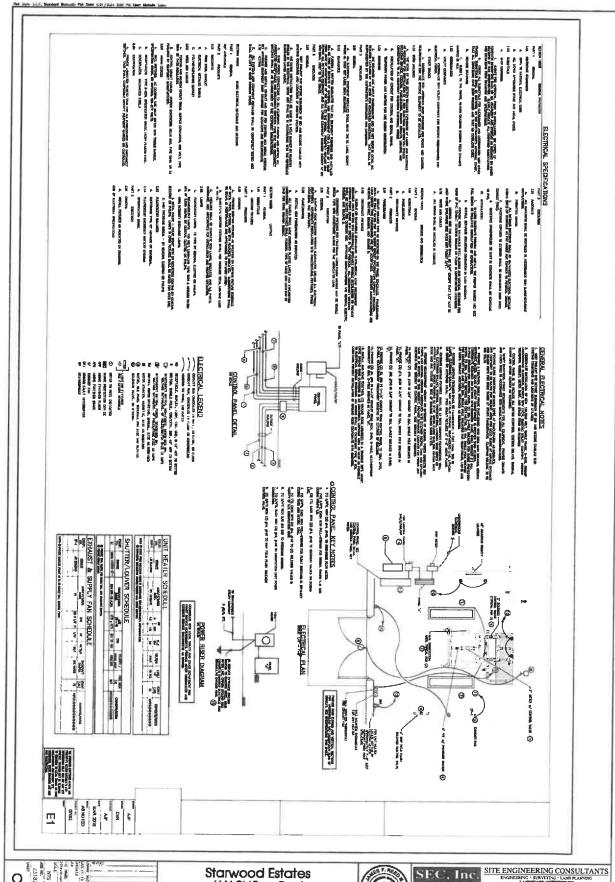












CO.7.7

Starwood Estates 6644 Old Town Road STEP System Design & Wastewater Site Plan Williamson County, Tennessee





Bob & Marie Parks c/o 360 Development

8119 Isabella Lane, Suite 105 Brentwood, TN 37027 615-574-7133

Star Creek
Developments
c/o Mr. Jim Kessinger
250 Moran Farms, LLC, a Texas LLC
8000 Warren Parkway, #100
Frisco, TX 75034

Re: Wastewater Treatment Services – Sewer Request Tax Map 158 Parcels 70.12 & 70.13

Dear Jim,

This letter serves as notice that we would like to have sewer service from Tennessee Wastewater Services for our property on Hyde Road (Map 158 Parcels 70.12 & 70.13) since Williamson County and Nolensville College Grove Utility District do not provide public sanitary sewer service and have no plans in the foreseeable future to provide such service.

With this letter, we are authoring you as a part of Star Creek Developments to act on our behalf to pursue sewer service.

If you have any questions or need additional information, feel free to contact me.

Sincerely,

Davis Lamb for Bob Parks

360 Development, LLC 8119 Isabella Lane, Ste 105 Brentwood, TN 37027 0. 615.574-7133 davis@parks360development.com

cc: Mr. Matthew Nicks, Tennessee Wastewater Systems, Matthew.Nicks@adenus.com

Jim Kessinger President, 250 Moran Farms, LLC 8000 Warren Parkway, #100 Frisco, TX 75034

May 14th, 2024

Mr. Mathew Nicks Tennessee Wastewater Systems, Inc. 849 Aviation Parkway Smyrna, TN 37167

Re: Wastewater Treatment Services – Sewer Request Star Creek Developments - College Grove

Mr. Nicks,

This letter serves as notice that I am requesting sewer service from Tennessee Wastewater Services for 2 new development projects planned in College Grove, TN. I am requesting your services since Williamson County and Nolensville College Grove Utility District do not provide public sanitary sewer service and have no plans in the foreseeable future to provide such service.

I share a partnership interest with both 250 Moran Farms, LLC (Star Creek subdivision) and 360 Development, LLC (Hyde-Park subdivision) and represent both entities in this request. As such, I'm formally requesting that we enter into a contract for services intended to support these current developments and any future developments adjoining these properties.

Attached for your reference is a letter from 360 Development, LLC approving my role in representing the Hyde-Park

subdivision.

I agree to convey the treatment and land application areas located on the Star Creek subdivision to the utility at the completion of the construction.

Please let me know if you have any questions or are in need of any additional information.

Sincerely,

Jim Kessinger

President, 250 Moran Farms, LLC

cc: Bob and Marie Parks, 360 Development, LLC Hyde-Park subdivision

Rogers C. Anderson Williamson County Mayor



WILLIAMSON COUNTY GOVERNMENT

May 6, 2024

Mr. James F. Reed, III SEC, Inc. 850 Middle Tennessee Boulevard Murfreesboro, TN 37129

Mr. Thomas Wilson 8000 Warren Parkway, #100 Frisco, TX 75034

RE: Sewer Request

Tax Map 162 Parcels 031.00

Owner: Thomas Wilson

Dear Gentlemen:

This letter serves as notice that Williamson County does not provide public sanitary sewer service and has no plans in the foreseeable future to provide said service, including but not limited to the above referenced property.

If you have any questions or need additional information, feel free to contact me.

Sincerely,

Rogers C. Anderson, Mayor

Williamson County

RCA/jla





N Nolensville/College Grove Utility District

P.O. Box 127, 2002 Johnson Industrial Blvd., Nolensville, TN 37135

G Phone No. 615-776-2511 - Fax No. 615-776-2591

April 1, 2024

Williamson County Planning Commission Williamson County Administrative Complex 1320 West Main St., Suite 400 Franklin, TN. 37064

Re: Sanitary Sewer Service Release for 6644 New Town Rd (Starwood Development 34 Lots) (Map 158) (Parcel 07004)

To Whom it may concern:

Nolensville College Grove Utility District by request releases its charter rights to provide sanitary sewer service to the proposed (Starwood Development 34 Lots) at 6644 New Town Rd (Map 158) (Parcel 07004).

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

Sincerely,

Mike E Polston General Manager

noh E Palutan

NCG Utility District

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

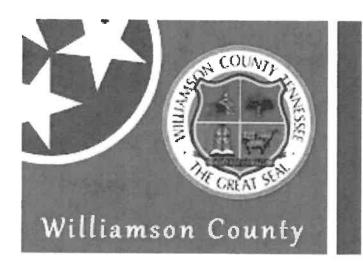
Tennessee Wastewater Systems, Inc. ("TWSI") is a leader in decentralized wastewater systems and technology in the Southeastern United States. TWSI has been a regulated provider of wastewater services in Tennessee since receiving its initial CCN from the Tennessee Public Service Commission, the predecessor 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 developerwho 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.



STATE OPERATING PERMIT APPLICATION Star Creek Estates TF Updated 8-15-24

WILLIAMSON COUNTY, TN



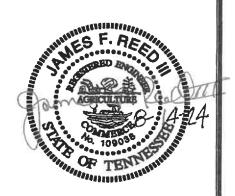


Table of Contents

<u>Section</u>	<u>Title</u>
1.0	SOP Permit Application
2.0	Area of Review
3.0	Ground Water General Description
4.0	Population General Description
5.0	Nature of Fluid
6.0	General Location of Publicly Supplied Water
7.0	Description of System
8.0	Nature and Type of System
9.0	Flow Schematic

1.0 SOP Permit Application

				Permit Num	ber: SOP
	Type of application:	⊠ New Permit	☐ Permit Reissuance	Permit Modi	ification
Permittee Iden Annotated Section 6 Permittee Name	tification: (Name of city 59-3-108 and Regulations of	, town, utility, industry, co f the Tennessee Water Qua	rporation, individual, etc., applying lity Control Board.)	g, according to the pro	ovisions of Tennessee Code
(applicant):/Faci lity Name	Tennesee Wast	tewater System	s, Inc.		
Permittee Address:	851 Aviation Pa	arkway, Smyrna	, TN 37167		
Official Contact: Jeff Risden	-	•	Title or Position:		
Mailing Address: 851 Aviation	n Parkway		City: Smyrna	State:	Zip: 37167
Phone number(s): 6	15-220-7200		E-mail: jeff.risde	n@adenus.co	om
Optional Contact: Tracy Nicho	ols		Title or Position: Operations Ma	anager	
Address: 851 Aviation	n Parkway		City: Smyrna	State:	Zip: 37167
Phone number(s): 615-663-612	26	7	E-mail: Tracy.nichols@	adenus.com	2
		11.00	requirements of Rule 1200-4-5		
supervision in evaluated the	accordance with information submi	a system designe itted. Based on my	and all attachments we do to assure that qualifing inquiry of the person go the information, the i	ed personnel por persons wh	properly gathered and o manage the system,
of my knowle submitting fall	se information, inc	e, accurate, and coluding the possib	omplete. I am aware th	nat there are signment for kno	gnificant penalties for wing violations.
Jeff Risden (••		Signature	p.	8/7/24
					1 1 -

OFFICIAL STATE USE ONLY	F			
Received Date	Permit Number	Field Office	Reviewer	
	SOP			

Permit Number: SOP-____

			T	
Facility Identification:			Existing Permit No.	
Facility Name: Star (Creek Estates TF		County:	Williamson
Facility Address or Leasting 6644 New Town Rd, College Grove, TN			Latitude:	N 35° 47'02"
or Location:	Town Ru, Conege Grove,	111	Longitude:	W 86° 41'11"
Name of Engineer for	the project: James F. Reed III P.	E., R.L.S.		
Engineer address and p	phone number: 850 Middle	Tennessee Blvd. 615-890-7901		
Name and distance to near	est receiving waters: Overall Cree	k to Grove Creek		
If any other State or Federa None	al Water/Wastewater Permits have b	een obtained for this site, list their permit numbe	rs:	
Name of company, utility,	or governmental entity that will ope	rate the permitted system: Tennessee Was	stewater Sy	stems, Inc.
Operator address: 849	Aviation Parkway, Smyr	na, TN 37167		
		& Necessity (CCN), or an amended CCN, with the and application treatment systems)?		gulatory
If the applicant listed above	e does not yet own the facility/site o	r if the applicant will not be the operator, explain	how and when t	he ownership
will be transferred or descr	ibe the contractual arrangement and	renewal terms of the contract for operations. ${\ensuremath{\textbf{Te}}}$	nnessee Wa	stewater
Systems, Inc. will ow	n the facility and site. Develop	er will build facility and deed to Tennes	see Wastew	ater
Systems, Inc.				
Name of Public Water P	rovider: Nolensville College	Grove Utility District		
	Mike Polston 615-7 Mike Polston <mpol< td=""><td></td><td></td><td></td></mpol<>			
List Standard Industria	Codes (SIC)/ North American Indu	strial Code (s) (NAIC) for proposed activity (the	ese are located at	
http://www.census.gov	/epcd/www/naicstab.htm) 4941 - v	vater system, 4959 – Sewage treatment, 49	971 - Irrigatio	n
Complete the following in	formation explaining the entity ty	pe, number of design units, and daily design v	vastewater flow	
Entity Type City, town or county	No. of connections:	of Design Units		Flow (gpd)
Subdivision	No. of homes: 50	Avg. No. bedrooms per home: 3-4 @ 300g	ınd/home	15,000
School	No. of students:	Size of cafeteria(s):	Spui nome	13,000
		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		Future Connects County EMS & Park	extra flow	9,100
	ency of activities that result in wast		Total Flow = 2	
	·	-		., Bp.
i ne treatment and	and application of typical don	iestic waste.		

Permit Number: SOP-____

Engineering Report (required for collection	systems and/or land application treatment sys	tems):	□ N/A	
Prepared in accordance with Rule 1200-4-203 and Section 1.2 of the Tennessee Design Criteria (see website for more information)				
☐ Previously submitted and entitled:	Appro	ved? Yes. Date:	□ No	
Wastewater Collection System:			□ N/A	
System type (i.e., gravity, low pressure, vacuum	n, combination, etc.): Watertight effluent pre	ssure collection system	<i>N</i>	
System Description: 3", and 4" diameter S	DR 17 PVC pressure pipe and required fi	tings		
Each home has a minimum of 24-36 hou	y bypass of treatment or discharges (i.e., power fairs storage in the STEP tank. Heavy rains be connected to the pump stations and tre	have a minimal impact o	n a watertight	
In the event of a system failure describe means	of operator notification: All pumps have redu	ndancy & alarms.		
List the emergency contact(s) (name/phone):	Tracy Nichols, 615-663-6126			
	or maintenance of STEP/STEG tanks and pumps		•	
Tennessee Wastewater S	Systems, Inc. , 851 Aviation Park	way, Smyrna, TN 371	167	
Approximate length of sewer (excluding privat	e service lateral): 14,220 LF			
Number/hp of lift stations: /	Number/hp of lif	t pumps /		
Number/volume of low pressure and or grinder Number/volume septic tanks	pump tanks Proposed 1–15,000-gal EQ Tan 1–3,000-gal Final Dose Tanks 50~1,500 STEP tanks	k, 2-15,000 Recirc tanks,		
Attach a schematic of the collection system.				
	another sewer system complete the following sec	ction, listing tie-in points to the	sewer system and	
<u>Tie-in Point</u>	Latitude (xx.xxxx°)	Longitude (xx.x	(xxx°)	
None				
Land Application Treatment System:			□ N/A	
Type of Land Application Treatment System:	☑ Drip ☐ Spray ☐ Other, ex	plain:		
Type of treatment facility preceding land applic	ration (recirculating media filters, lagoons, other,	etc.): Recirculating media	filter - Bioclere	
Attach a treatment schematic. Attached			***************************************	
	y bypass of treatment or discharges (i.e., power fa FEP tanks are sized for peak daily flow st			
For New or Modified Projects: Star Creek Name of Developer for the project: 250 Mo	Estates TF oran Farms LLC, James Kessinger (561-504-90)49)		
Developer address and phone number 8000				
Developer address and phone number 8000 Frisc For land application, list: Proposed acreage	Warren Parkway, Suite 100		applied: 2.77	
Developer address and phone number 8000 Frisc For land application, list: ⊠ Proposed acreage	Warren Parkway, Suite 100 co, TX 75034 involved: approx. 5.46 acres total ⊠Inches/w		applied: 2.77	

Permit Number: SOP-No Describe how access to the land application area will be restricted fence with access gates 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 ten foot contours presented at a minimum size of 24 inches by 24 inches. Describe alternative application methods based on the following priority rating: (1) connection to a municipal/public sewer system, (2) connection to a conventional subsurface disposal system as regulated by the Division of Groundwater Protection, and/or (3) land application. For Drip Dispersal Systems Only: Unless otherwise determined by the Department, sewage treatment effluent wells, i.e, large capacity treatment/drip dispersal systems after approval of the SOP Application, will be issued an UIC tracking number and will be authorized as Permit by Rule per UIC Rule 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 demographic and cultural features within the area. Attach to this part of the application a general characterization of the AOR, including the following: (This can be in narrative form) 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. A general description of the population and cultural development within the AOR; i.e. agricultural, agricultural, 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, Volume 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/A

Pond use: Recirculation Sedimentation Cooling Other (describe):

Permit Number: SOP-____

Describe pond use and operation:
If the pond(s) are existing pond(s), what was the previous use?
Have you prepared a plan to dispose of rainfall in excess of evaporation? 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?
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.)?
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 degrees 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 Ope	erator	
Indicate the type of equipment, vehicle, or str	ructure to be washed di	uring normal operations	(check all that apply):	
☐ Cars		Parking Lot(s):	sq. ft.	
☐ Trucks		☐ Windows: s	q. ft.	
☐ Trailers (Interior washing of dump-trailers, o	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)	1	
☐ Private industry lot(s)		☐ Private property(ies)	1	
County(ies), list:		☐ Statewide		
Wash equipment description:				
☐ Truck mounted		☐ Trailer mounted		
Rinse tank 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:	7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
Describe any other method or system used to con	ntain and collect wastew	ater:		
List the public sewer system where you are perm	nitted or have written per	mission to discharge was	te wash water (include a copy	of the permit or
permission letter):				
Are chemicals pre-mixed, prior to arriving at wa	sh location? Yes	□No		
Describe all soaps, detergents, or other chemi	cals used in the wash o	peration (attach addition	nal sheets as necessary);	
Chemical name:	Manufa		Primary CAS No. or 1	Product No.

APPLICATION FOR A STATE OPERATION PERMIT (SOP) INSTRUCTIONS

<u>Purpose of this form</u> 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.

<u>Land Application Treatment System</u> 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 permittee must develop a written plan (to be retained on site and be available to the division upon request) that addresses how excess rainfall will be disposed of in compliance with the no discharge requirement of this permit. 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 TMSP, refer to the website (http://www.tdec.net/permits/strmh2o.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.

<u>Fees</u> 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 (TDEC). 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.

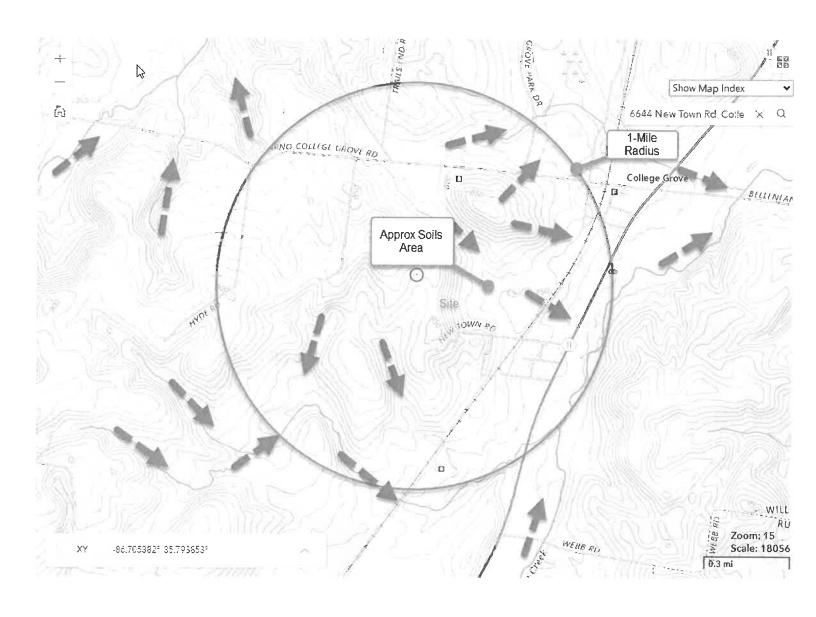
EFO	Street Address	Zip Code	EFO	Street Address	Zip Code
Memphis	2510 Mt. Moriah Road STE E-645	38115-1520	Cookeville	1221 South Willow Ave.	38506
Jackson	1625 Hollywood Dr	38305-4316	Chattanooga	540 McCallie Avenue STE 550	37402-2013
Nashville	711 R S Gass Boulevard	37243	Knoxville	3711 Middlebrook Pike	37921
Columbia	2484 Park Plus 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.

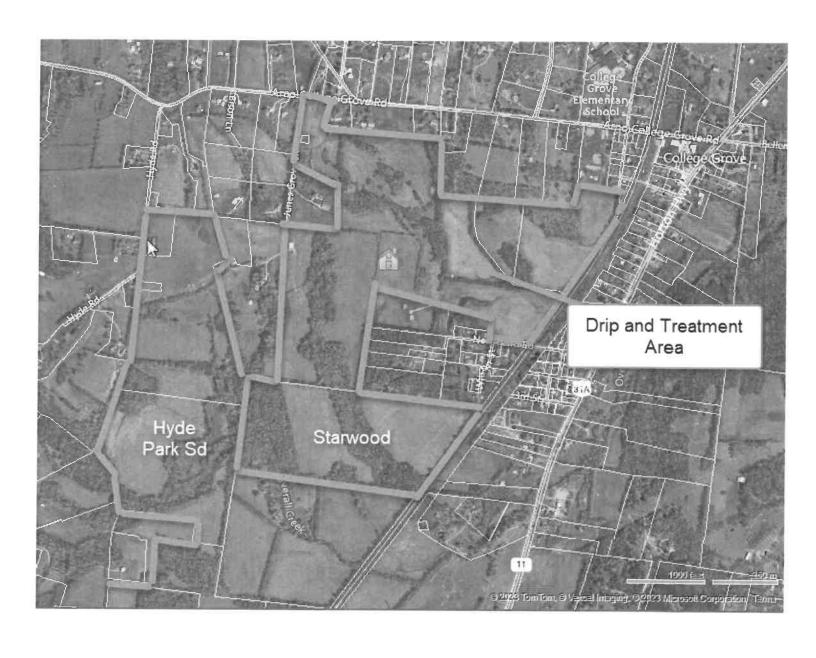
The division has the right to inspect a facility when deemed necessary. In addition, the division has the right to revoke or suspend any permit for violation of permit conditions or any other provisions of the Tennessee Water Quality Control Act and other water pollution control rules.

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



Aerial Map



FEMA MAP 100-Year Floodplain and Elevations

3.0 Groundwater General Description

The attached USGS maps indicate the Star Creek Estates and Hyde Park Subdivision wastewater treatment area drainage flow path is to the east discharging into the Grove Creek and ultimately into Harpeth River. The Subdivisions are comprised of approximately 700 acres. The topography is mainly gently rolling to rolling slopes of 5 - 15 %. The property is bordered by Arno College Grove to the north, east by railroad, west and south by large tracts of land and west by West Harpeth River. Roughly 20% of the site is wooded and the 10 acres for drip dispersal are mostly cleared.

The above-mentioned property has typically been used for pastureland. 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 west discharging into Harpeth River to the west.

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. See attached aerial map of property under Section 2 Area of Review.

5.0 Nature of Fluid

Star Creek Estates Subdivision (~50 lots plus at 15,000 gpd plus future design flows of 9,100 gpd capacity for County Park and EMS typical wastewater flows) will have a peak design discharge of approximately 24,100 gpd of domestic wastewater. The effluent quality is typical domestic residential treated wastewater that meets State Operating Permit limits.

6.0 General Location of Publicly Supplied Water

The area will be served by Nolensville College Grove Utility District.

7.0 Description of System

Treated wastewater approximately 24,100 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.

Daily Flow

Number of 3-BR Buildable Residential Lots	50 lots
Daily Flow for 3-BR	300 gpd/lot
Star Creek Estates Total Flow for Lots	15000 gpd
County Occupancy Load	760 people
TDEC design flow per person	10 gpd
Future Connection County Parks adjacent Flows	7600 gpd
Future Connection County EMS adjacent Flows	1,500 gpd
Future Connection County Total Flows	9,100 gpd
Total Daily Flow	24,100 gpd

Land Application Area

Land Application Area	0.2 gal/sf/day*
Total Area Required	120500 s.f.
or	2.77 acres

^{*} assummed soil absorption rate

Number of Required Zones

Length per zone (@ 5' o.c.)	3420 L.F.
Number of Zones	7.0 Zones

Land Reserve Area

Area per lot	100% S.F./lot
Total Area Required	120500 S.F.
or	2.77 acres

Total Soils Area Required (Land Application + Reserve)

 	 	 	 					 	_
241000 s.f.			5	.53	3 a	cres		1	

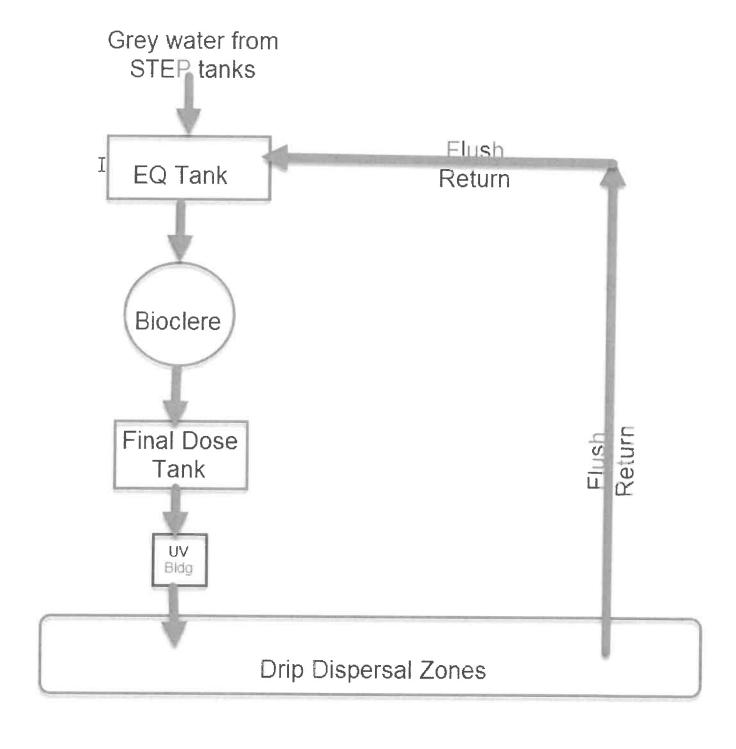
Bioclere Filter Size

5	gal/S.F./day
24,100	gpd
Area Req'd	4820 S.F.
Use Filter No.	bioclere

8.0 Nature and Type of System

Treated wastewater from the subdivision will first be pumped from numerous watertight septic tanks at each lot. Grey water is pumped from the septic tank via a small diameter pressure collection line to equalization tanks then continuing to the Bioclere - recirculating media filter (RMF). The wastewater will then cycle through the equalization tanks and bioclere 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.

9.0 Flow Schematic



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

I.D. NO.

15046

EXPIRATION DATE 12/31/2024

THIS IS TO CERTIFY THA

Tracy A: Nichols

BNS, CS2

R THE CLASSIFICATIONS

IS IN GOOD STANDING WITH I

LISTED:

WHEN CORRESPONDING ALWAYS REFER TO YOUR LD. NUMBER AND SEND NOTIFICATION OF ADDRESS CHANGE

CONFIDENTIAL FILING Exhibit 23A

CONFIDENTIAL FILING Exhibit 23B

CONFIDENTIAL FILING Exhibit 23C

CONFIDENTIAL FILING Exhibit 25

CONFIDENTIAL FILING Exhibit 26

Adenus Solutions Group, LLC dated June 27, 2024 Starwood Treatment Facilty Williamson County Total Contract Amount

\$1,462,650.00

ltem #	Material/Item	Tot	tal Contract Amount
1	Mobilization/Demobilization	\$	43,879.50
2	Office administration	\$	58,506.00
3	Drip	\$	102,385.50
4	Plumbing Drip	\$	263,277.00
5	Treatment Unit	\$	511,927.50
6	Building Slab	\$	29,253.00
7	Building	\$	43,879.50
8	Building Electrical	\$	29,253.00
9	Site Electric	\$	29,253.00
10	Building Plumbing	\$	58,506.00
11	Tanks (includes Excavation)	\$	102,385.50
12	Building Controls & Low Voltage wiring	\$	102,385.50
13	Finish Grade	\$	43,879.50
14	Start up/Commissioning	\$	43,879.50
		\$	1,462,650.00

T.R.A. No. 2 Section 1 Eighth Revised Page 2

WASTEWATER UTILITY SERVICE

CHECK SHEET

Sheets of this tariff are effective as of the date shown at the bottom of the respective sheet(s). Original and revised sheets as named below comprise all changes from the original tariff and are currently in effect as of the date on the bottom of this sheet.

SECTION	SHEET	REVISION	SECTION	SHEET	REVISION
1	1	Original	4	1	Sixth Revised
1	2	Eighth Revised*	5	1	Original
1	3	Original	5	2	Original
1	4	Original	5	3	Original
1	5	Original	5	4	Original
1	6	Original	5	5	Fourth Revised
1	7	Original	6	1	Third Revised
1	8	Original	6	2	Original
2	1	Original	6	3	Third Revised
2	2	Original	6	4	Original
2	3	Original	6	5	Third Revised
2	4	Original			
2	5	Original			
2	6	Original			
2	7	Original			
2	8	Original			
2	9	Original			
3	1	Original			
3	2	Original			
3	3	Original			
3	4	Original			
3	5	Original			
3	6	Fifth Revised*			

Issued: July 24, 2023 Effective: August 23, 2023

Issued by: Matthew Nicks, President

TPUC No. 2 Section 3 Fifth Revised Page 6

WASTEWATER UTILITY SERVICE

Service Territory	County	TPUC Docket #	Rate Class
Smokey Mountain Reflections RV Park	Sevier	07-00235	RATE CLASS 1
Milky Way Farms Preserve Condominiums Tarpley Shop Utility District Lakeside Meadows	Giles DeKalb Giles Monroe	08-00029 08-00113 08-00161 08-00162	RATE CLASS 1 RATE CLASS 1 RATE CLASS 5 RATE CLASS 1
Fairway Vistas	Blount	08-00163	RATE CLASS 1
Saddle Ridge	Monroe	08-00209	RATE CLASS 1
Scenic River Preserve at Eagle Rock	Monroe Hamblen	09-00006 09-00007	RATE CLASS 1 RATE CLASS 1
Bluff at Bradbury Farms Scales Project Clovercroft Farms/Clovercroft Wells TF	Montgomery Williamson	11-00155 14-00006	RATE CLASS 1 RATE CLASS 1
Clovercroft Preserve Clovercroft Acres/Clovercroft Tulloss TF	Williamson	14-00062	RATE CLASS 1
Enclave at Dove Lake	Williamson	15-00025	RATE CLASS 1
Lighthouse Pointe	Grainger	17-00146	RATE CLASS 1
Warrioto Hills	Montgomery	18-00107	RATE CLASS 1
Chelsea's Way	Robertson	19-00030	RATE CLASS 1
Oak Plains	Montgomery	21-00075	RATE CLASS 1
The Pointe	Clay	21-00026	RATE CLASS 1
Derby Meadows	Robertson	22-00074	RATE CLASS 1
Lake Haven	Jefferson	22-00134	RATE CLASS 1
Hilltop Ridge	Montgomery	22-00133	RATE CLASS 1
Meadowside	Williamson	22-00139	RATE CLASS 1
Wylea Subdivision	Williamson	23-00073	RATE CLASS 1
Star Creek Estates	Williamson	XX-XXXXX	RATE CLASS 1 (T)

Issued:

Effective:

Issued By: Matthew Nicks, President

WASTEWATER UTILITY SERVICE

SECTION 4 – RESIDENTIAL RATES SHEET

	Base	Escrow	Bonding	Environmental Rider (D)	Tot	tal
Rate Class 1	\$ 40.48	\$ 7.27	\$0.12 (R)	\$0.00	\$	47.87(R)
Rate Class 2	\$ 40.48	\$ 7.27	\$0.12 (R)	\$0.00	\$	47.87(R)
Rate Class 5	\$ 36.66	\$ 5.69	\$0.12 (R)	\$0.00	\$	42.47(R)
Rate Class 6	\$ 36.66	\$ 5.69	\$0.12 (R)	\$0.00	\$	42.47(R)
Rate Class 9	\$ 20.55	\$ 3.39	\$0.12 (R)	\$0.00	\$	24.06*(R)

- * Southridge customers will have a pass-through treatment cost assessed to their monthly bill. The pass-through treatment cost is calculated using the water meter readings as provided to TWSI by the East Montgomery Water Co. and the multiplier charged to TWSI by Clarksville Gas and Water to provide wastewater treatment. This cost will be filed annually with TPUC in June and effective upon approval. The current pass through treatment cost is 0.0096296082 per gallon.
- ** Each condominium unit will be billed as a residential customer and be individually billed.
- *** Customers in the City of Coopertown will be billed a 3% franchise fee (applied to the base rate only).
- **** The bonding fee will be updated with an annual filing with TPUC in August and effective upon approval.

Fees:

Non-Payment – 5% of total bill amount

Disconnection - \$40

Reconnection – \$50

Returned Check (NSF Fee) - \$25

Returned ACH - \$25

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

Credit Card Convenience Fee: 2.45% with a \$1.25 minimum fee (R)(N)

City of Coopertown Franchise Fees: 3%

Issued: December 13, 2022 Effective: December 13,

2022

Issued by: Matthew Nicks, President

Starwood Treatment facility

27-Jun-24

Line No.	Item	Year 1	ا گر	Year 2	Year	ar 3	Year	4	Year 5	
	Number of Sewer Customers		25		20	75		100		116
	Access Fees Number of lots with sewer access but no customer		5		7	-		,		Ċ
	Access fee revenue (\$120 x lots)	\$ 10,920.00	3.00 \$	7,920.0	÷ 0	4,920.00	\$	1,920.00	\$	·
	Operating Revenue									
	1 Service Revenue	\$ 14,361.00	1.00 \$	28,722.00	٥ د	43.083.00	₹2	57.444.00	Ş	66.635.04
•	2 Re-connect Fees	· •				9	· vs		. 40	30
	3 Returned Check Charge	\$	\$	2	·	9	⟨ √⟩	9	. 40	
•	4 Late Payment Charge	Ş	\$	1	₩.		⟨\$	1	٠ ٠	,
	5 Total Operating Revenue (sum of Line 1 through 4)	\$ 14,361.00	\$ 00.1	28,722.00	ۍ 0	43,083.00	s	57,444.00	\$	66,635.04
	Operating Expenses ¹									
_	6 Total salaries and wages and payroll taxes (employees only)	\$ 50	500.00	650.00	\$ 0	800.00	\$	950.00	٠,	950.00
	7 Outside labor expenses (non-employee)	\$	٠ ج		₹\$	ĝ.	₩.	34	٠.	
	8 Administrative and office expenses	\$ 15	150.00 \$	175.00	\$ 0	200.00	<γ-	225.00	4>	225.00
**	9 Maintenance and repair expense ²	\$ 20	200.00	300.00	\$ 0	400.00	٠,	500.00	٠,	500.00
1	10 Purchased water	\$	\$	E	<γ-	٠	S	1	٠.٠	,
H	11 Purchased sewerage treatment	\$	٠,	1	❖	٠	\$,	٠,	36
1	12 Electric power expense ³	\$ 36	360.00 \$	390.00	\$ 0	420.00	\$	450.00	٠,	450.00
ť	13 Chemical expense	\$	₩	3.80	₩.	•	\$	ě	٠ 4٨٠	¥:
7	14 Testing fees	\$ 40	400.00	450.00	\$ 0	500.00	₩.	550.00	- ₹	550.00
₹	15 Transportation expense	\$ 20	200.002	250.00	\$ 0	300.00	\$	350.00	·s	350.00
1(16 Other operating expense	\$	\$	100	❖	t	ş	į	46	,
H	17 Telemetry	\$ 1,320.00	3.00 \$	1,320.00	\$ 0	1,320.00	❖	1,320.00	٠,	1,320.00
18	Total operation and maintenance expenses (sum of Line 6 through Line 17)	\$ 3,130.00	3.00 \$	3,535.00	\$ 0	3,940.00	43	4,345.00	1/3-	4,345.00
ä	19 Annual depreciation expense	\$ 56,255.77	5.77 \$	56,255.77	7 \$	56,255.77	Ŷ	56,255.77	\$ 5	56,255.77
21	20 Property taxes paid on utility property	\$ 900	\$ 00.006	900.00	\$ 0	900.00	\$	900.00	4٨	900.00
2.	21 Franchise (gross receipts tax)	\$ 3!	35.90 \$	71.81	1 \$	107.71	❖	143.61	1/4	166.59
2.	22 Annual NCUC regulatory fee	\$ 610	610.34 \$	1,220.69	\$	1,831.03	❖	2,441.37	10.	2,831.99
2:	Total operating expenses (sum of Line 18 through Line 22)	\$ 60,932.02	2.02	61,983.26	\$ 9	63,034.51	ş	64,085.75	٥	64,499.35

24 Income taxes 25 State income taxes 26 Federal income taxes 27 Total income taxes	w w w w	w w w w	\$ \$ \$ \$ \$	1 1 1		w w w w	1 1 1 1
28 Net operating income	\$ (35,651.02) \$ (25,341.26) \$ (15,031.51) \$ (4,721.75) \$	\$ (25,34)	1.26) \$	(15,031.51)	\$ (4,721.	\$ (5/	2,135.69
29 Interest expense	\$ 1,000.00 \$ 1,000.00 \$ 1,000.00 \$	\$ 1,000	\$ 00.0	1,000.00	\$ 1,000.	1,000.00 \$	1,000.00
30 Net income	\$ (36,651.02)	\$ (26,341	1.26) \$	(36,651.02) \$ (26,341.26) \$ (16,031.51) \$ (5,721.75) \$	\$ (5,721.	75) \$	1,135.69

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.