

GreenLID Design
 114B West Main Street
 Gallatin, TN 37066
 (615) 230-7269

MACON BANK & TRUST 87-120
 GALLATIN, TN 641
 (615) 230-7942

3244

NR2304.079

Five Hundred and no/100

DATE	AMOUNT
02/28/23	3244 \$500.00

PAY TO THE ORDER OF TDEC

[Signature]
 AUTHORIZED SIGNATURE



GREENLID DESIGN • GALLATIN, TN 37066

3244

DATE	INVOICE NO.	COMMENT	AMOUNT	NET AMOUNT
02/28/2023	PGF Crossing 4	Pleasant Grove Farms Crossing 4 <i>↑</i> <i>Sever</i>		500.00
Tennessee Department of Environment & Conservation RECEIVED MAR - 6 2023 Nashville Environmental Field Office				
DATE 02/28/23	VENDOR TDEC		TOTAL	500.00

512348-7



July 15, 2022

Tennessee Department of Environment and Conservation
Attention: ARAP Processing
Nashville Environment Assistance Center
711 R.S. Gass Blvd.
Nashville, Tennessee 37216

**Re: General ARAP Application
Pleasant Grove Farms - Sewer Crossing Reach 4
Pleasant Grove Road
Westmoreland, Sumner County, Tennessee 37186**

EFO:

We have submitted the Application for Aquatic Resource Alteration Permit for the above noted project. This will require open trenching under a tributary to Little Trammel Creek. Little Trammel Creek is not considered exceptional or impaired.

The required fee of \$500.00 is attached.

If our office can be of further assistance to you on this project, please contact us at your convenience.

Sincerely,

A handwritten signature in black ink, appearing to read "John A. Leath".

John A. Leath, P.E.
GreenLID Design

GreenLID Design, LLC
114 B West Main Street Gallatin, TN 37066
(T): 615-230-7269

Tennessee Department of
Environment & Conservation
REC-1000
MAR - 6 2023
Nashville Environmental
Field Office



TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
 Division of Water Resources
 William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Avenue, 11th Floor,
 Nashville, Tennessee, 37243
 1-888-891-8332 (TDEC)

Application for Aquatic Resource Alteration Permit (ARAP) & State §401 Water Quality Certification

OFFICIAL STATE USE ONLY	Site #:	Permit #:
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Section 1. Applicant Information (individual responsible for site, signs certification below)

Applicant Name (company or individual): 5D Land LLC		SOS #: 001186874		Status:
Primary Contact/Signatory: Jeremy Riggs		Signatory's Title or Position: Developer		
Mailing Address: 880-B GreenLea Blvd		City: Gallatin	State: TN	Zip: 37066
Phone: 615-961-2116	Fax:	E-mail: jrbuilders01@gmail.com		

Section 2. Alternate Contact/Consultant Information (a consultant is not required)

Alternate Contact Name: Andy Leath				
Company: GreenLID Design		Title or Position: Engineer		
Mailing Address: 114B West Main Street		City: Gallatin	State: TN	Zip: 37066
Phone: 615-230-7269	Fax:	E-mail: office@greenliddesign.com		

Section 3. Fee (Application will be incomplete until fee is received)

No Fee Fee Submitted with Application Amount Submitted: \$ 500.00

Current application fee schedules can be found at the Division of Water Resources webpage at:
<https://www.tn.gov/environment/permit-permits/water-permits1/aquatic-resource-alteration-permit--arap-.html>
 or by calling (615) 532-0625. Please make checks payable to "Treasurer, State of Tennessee".

Billing Contact Name (if different from Applicant): Name: Andy Leath Email: office@greenliddesign.com

Address: 114 West Main Street, Suite B, Gallatin, TN 37066 Phone: 615-230-7269

Section 4. Project Details (fill in information and check appropriate boxes)

Site or Project Name: Pleasant Grove Farms - Sewer Crossing Reach 4	Nearest City, Town or Major Landmark: Westmoreland, TN		
Street Address or Location (include Zip): Pleasant Grove Rd, Westmoreland, TN 37186			
County(ies): Sumner County	MS4 Jurisdiction: Sumner County	Latitude (dd.ddd):	36.5783
		Longitude (dd.ddd):	-86.2499
Resource Proposed for Alteration: <input checked="" type="checkbox"/> Stream / River <input type="checkbox"/> Wetland <input type="checkbox"/> Reservoir			
Name of Water Resource (for more information, access http://tdeconline.tn.gov/dwr): Misc. Tributary Little Trammel Creek			
Brief Project Description (a more detailed description is required under Section 8): Project will consist of the installation of a new sewer force main across existing stream			
Does the proposed activity require approval from the U.S. Army Corps of Engineers, the Tennessee Valley Authority, or any other federal, state, or local government agency? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
If Yes, provide the permit reference numbers:			
Is the proposed activity associated with a larger common plan of development: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
If Yes, submit site plans and identify the location and overall scope of the common plan of development.			
Plans attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
If applicable, indicate any other federal, state, or local permits that are associated with the overall project site (common plan of development) that have been obtained in the past (e.g., construction general permit and/or other ARAP):			

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Application for Aquatic Resource Alteration Permit (ARAP) & State §401 Water Quality Permit

Section 5. Project Schedule (fill in information and check appropriate boxes)	
Proposed Start Date: March 2023	Estimated End Date: March 2024
Is any portion of the activity complete now? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
If yes, describe the extent of the completed portion:	

The required information in Sections 6-11 must be submitted on a separate sheet(s) and submitted in the same numbered format as presented below. If any question is not applicable, state the reason why it is not applicable.

Section 6. Description		Attached	
		Yes	No
6.1	A narrative description of the scope of the project	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6.2	USGS topographic map indicating the exact location of the project (can be a photographic copy)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6.3	Photographs of the resource(s) proposed for alteration with location description (photo locations should be noted on map)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6.4	A narrative description of the existing stream and/or wetland characteristics including, but not limited to, dimensions (e.g., depth, length, average width), substrate and riparian vegetation	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6.5	A narrative description of the proposed stream and/or wetland characteristics including, but not limited to, dimensions (e.g., depth, length, average width), substrate and riparian vegetation	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6.6	In the case of wetlands, include a wetland delineation with delineation forms and site map denoting location of data points	<input type="checkbox"/>	<input checked="" type="checkbox"/>
6.7	A copy of all hydrologic or jurisdictional determination documents issued for water resources on the project site	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Section 7. Project Rationale	Attached	
	Yes	No
Describe the need for the proposed activity, including, but not limited to, the purpose, alternatives considered, and what will be done to avoid or minimize impacts to water resources	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Section 8. Technical Information		Attached	
		Yes	No
8.1	Detailed plans, specifications, blueprints, or legible sketches of present site conditions and the proposed activity. Plans must be 8.5 x 11 inches. Additional larger plans may also be submitted to aid in application review. The detailed plans should be superimposed on existing and new conditions (e.g., stream cross sections where road crossings are proposed)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8.2	For both the proposed activity and compensatory mitigation, provide a discussion regarding the sequencing of events and construction methods	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8.3	Depiction and narrative on the location and type of erosion prevention and sediment control (EPSC) measures for the proposed alterations	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Section 9. Water Resources Degradation (degree of proposed impact) Note that in most cases, activities that exceed the scope of the General Permit limitations are considered greater than de minimis degradation to water quality.

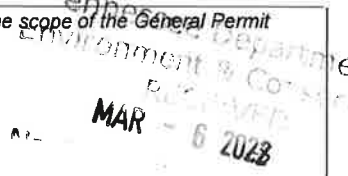
Please provide your basis for concluding the proposed activity will cause one of the following levels of water quality degradation:

a. De minimis degradation

b. Greater than de minimis degradation (if greater than de minimis complete Sections 10-11)

For information and guidance on the definition of de minimis and degradation, refer to the Antidegradation Statement in Chapter 0400-40-03-.06 of the Tennessee Water Quality Criteria Rule at: <http://publications.tnsosfiles.com/rules/0400/0400-40/0400-40.htm>

For information on specifics on what General Permits can cover, refer to the Natural Resources Unit webpage at: <http://www.tn.gov/environment/permit-permits/water-permits/1/aquatic-resource-alteration-permit-arap-/permit-water-aquatic-resource-alteration-list-of-general-permits.html>



Application for Aquatic Resource Alteration Permit (ARAP) & State §401 Water Quality Permit

Section 10. Detailed Alternatives Analysis		Attached	
		Yes	No
10.1	Analyze all reasonable alternatives and describe the level of degradation caused by each of the feasible alternatives	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10.2	Discuss the social and economic consequences of each alternative	<input type="checkbox"/>	<input type="checkbox"/>
10.3	Demonstrate that the degradation associated with the preferred alternative will not violate water quality criteria for uses designated in the receiving waters, and is necessary to accommodate important economic and social development in the area	<input type="checkbox"/>	<input type="checkbox"/>

Section 11. Compensatory Mitigation		Attached	
		Yes	No
11.1	A detailed discussion of the proposed compensatory mitigation	<input type="checkbox"/>	<input checked="" type="checkbox"/>
11.2	Describe how the compensatory mitigation would result in no net loss of resource value	<input type="checkbox"/>	<input type="checkbox"/>
11.3	Provide a detailed monitoring plan for the compensatory mitigation site	<input type="checkbox"/>	<input checked="" type="checkbox"/>
11.4	Describe the long-term protection measures for the compensatory mitigation site (e.g., deed restrictions, conservation easement)	<input type="checkbox"/>	<input type="checkbox"/>

Certification and Signature			
<p>An application submitted by a corporation must be signed by a principal executive officer; from a partnership or proprietorship, by the partner or proprietor respectively; from a municipal, state, federal or other public agency or facility, the application must be signed by either a principal executive officer, ranking elected official, or other duly authorized employee.</p> <p><i>I certify under penalty of law that this document and all attachments were prepared by me, or under my direction or supervision. The submitted information 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. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury.</i></p>			
_____ Printed Name	_____ Official Title	_____ Signature	_____ Date

Submitting the form and obtaining more information. Note that this form must be signed by the principal executive officer, partner or proprietor, or a ranking elected official in the case of a municipality; for details see **Certification and Signature** statement above. For more information, contact your local EFO at the toll-free number 1-888-891-8332 (TDEC). Submit the completed ARAP Application form (keep a copy for your records) to the appropriate EFO for the county(ies) where the ARAP activity is located, addressed to **Attention: ARAP Processing**. You may also electronically submit the complete application and all associated attachments to water.permits@tn.gov.

EFO	Street Address	Zip Code	EFO	Street Address	Zip Code
Memphis	8383 Wolf Lake Drive, Bartlett	38133-4119	Cookeville	1221 South Willow Ave.	38506
Jackson	1625 Hollywood Drive	38305-4316	Chattanooga	1301 Riverfront Pkwy., Ste. 206	37402
Nashville	711 R S Gass Boulevard	37243	Knoxville	3711 Middlebrook Pike	37921
Columbia	1421 Hampshire Pike	38401	Johnson City	2305 Silverdale Road	37601



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