

AOWE System Design Packet

CAPTAINS LANDING LOT 18 CHARTRES ST Fuquay Varina NC PIN: 0613-76-9235.000 9/14/25

Table of Contents

Project Details

Contact Information
Table of contents page
Introduction Letter
Common Form4
Site Specifications
Soils Evaluation
Site Plans
Design Specifications
Initial and Repair System
System Components
Septic Tank
Filter Specs
Nitrification Trench Detail
Miscellaneous
Information for the Contractor
Insurance Information 16-22

PAC-ONE, PLLC

AOWE System Design Packet

Date: 9/14/25

Proposed for a: 3-bedroom residential dwelling

Located at:

0 CHARTES ST FUQUAY VARINA NC 27526

DESIGNED BY:

Steve Bristow

920 Garner Rd, Selma NC 27576

Email: stevebristow57@gmail.com

Phone: (919)906-4737



North Carolina Onsite Wastewater Contractor Inspector Certification Board Authorized Onsite Wastewater Evaluator Permit Option for Non-Engineered Systems Notice of Intent (NOI) to Construct

	X New _	Expansion	Repair	Relocation	Relocation of Repair Area	
Owner or Legal R			LDERS INC			
	1300 BENSON I	RD STE 110	City:	GARNER ovabuilders.com	State: NC Zip: 27529	
Authorized Onsit Name: Steve Bris	stow				ation #: 10012E	Certification Resident Number 10012E
Mailing address: Phone: 919-906-4					State: NC Zip: 27576	Ster Buter
Site Location Info Site address: 0 C Tax parcel identif	HARTES ST FU			nber of property:County: HAR	0613-76-9235.000 NETT	×
	m Type: IIb w: 360 GPD Yes X				Yes X No Other:	
	Type of Busi	ness and Basis f	for Flow:			
Required Attachn X Plat or Site X Evaluation		Features by Lic	ensed Soil S	cientist		
	NOI to Constru ne laws and rules	ct is accurate an	d complete t te wastewate	o the best of my ler systems in the s	eby attest that the information knowledge. Furthermore, I her state of North Carolina.	
Signature of Auth			iator:	Han Bister		
Disclosure: The crequired (if any)	owner may apply to the local healt transferable to	for a building the department. As new owner with	An onsite was th the consen	stewater system a	bmitting a complete NOI to Co uthorized by an authorized on d onsite wastewater evaluator.	site wastewater
Signature of Loca	l Health Departs	nent Representa	itive:		Date: S	9/14/25

DRODERTY ID #	Page _1_ of						
PROPERTY ID #:							
COUNTY:	HARNETT						

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM (Complete all fields in full)

DDR	ESS: 1300 BENSON R	D STE 110							JATED: 9/13/25	
ROP(OCA	OSED FACILITY TION OF SITE:	SFD CAPTAINS LANDING	PR	OPOSED DESIGN I	FLOW (.0400):	360gpd		ERTY SIZ	E:ORDED: yes	
VATE	R SUPPLY:	Public Single			Spring Other	er EWATER:	WATER	SUPPLY	SETBACK:	
P R O F			SOIL MO	RPHOLOGY	ОТНЕ	R PROFIL	E FACTO	ORS		
I L E	.0502 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	.0503 STRUCTURE/ TEXTURE	.0503 CONSISTENCE/ MINERALOGY	.0504 SOIL WETNESS/ COLOR	.0505 SOIL DEPTH	.0506 SAPRO CLASS	.0507 RESTR HORIZ	.0509 PROFILE CLASS & LTAR*	.0502(d) SLOPE CORRE CTION
	Side	20	GR/ StoneySL	VFR/NS/NP/SEXP	10YR 7/4	41in to			Suitable	4.32in
	Slope	41	GR/SL	VFR/NS/NP/SEXP	2.5YR 4/6	Sap			.30	
1	12%	48	SBK/SCL	VFR/NS/NP/SEXP	10YR 7/8	Fine SL w/				
					W/ Cr2 Relic Mottles	Relic Mottles				
	Side Slope 15%	23	GR/ StoneySL	VFR/NS/NP/SEXP	10YR 6/1	44in to Sap + CR2 Relic			Suitable .30	5.4in
		44	SBK/C	FR/SS/SP/SEXP	2.5YR 4/6					
2		48	GR/SL	VFR/NS/NP/SEXP	10YR 7/8					
					W/ Cr2					
					Relic Mottles					
	Side	28	GR/StoneySL	VFR/NS/NP/SEXP	10YR 6/1	45in to			Suitable .30	7.2in
	Slope	45	SBK/ SCL	FR/SS/SP/SEXP	2.5YR 4/6	Sap				
3	20%	48	GR/SL	VFR/NS/NP/SEXP	10YR7/8	+Cr2 Relic				9 - 12
					W/ Cr 2 Relic mottles	Relic				
4										1
									52 15 11	1
-										

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM			
Available Space (.0508)	YES	YES	SITE CLASSIFICATION (.0509): Suitable	SUIL S	
System Type(s)	IIb	IIb	EVALUATED BY: Stephen W Bristow LSS 1167	SE EN W. SA	
Site LTAR	.30	.30	OTHER(S) PRESENT:		
Maximum Trench Depth	18	18			
Comments: 18in MTD is used to	account for any inclusions of soil s	hallower to saptolite than noted b	y this evaluation.	13	
Repair system. 45-12-8= 25 MTD Bor	ing 3- use 18in MTD			1137 20	
Initial system 41-12-5=24MTD Boring	NORTH				
Also, small hand dug pits were used to					
				- Stran Bit	
				Aten Puter	

Revised January 2024 Form SSE-24.2

LEGEND

LANDSCAPE POSITION	SOIL GROUP	SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft²)	SAPROLITE LTAR (gpd/ft²)	LPP LTAR (gpd/ft ²)	MINERALOGY/ CONSISTENCE		STRUCTURE
CC (Concave slope)		S (Sand)		0.6 - 0.8		MOIST	WET	SG (Single grain)
CV (Convex Slope)	1	LS (Loamy sand)	0.8 - 1.2	0.5 -0.7	0.4 -0.6	Lo (Loose)	NS (Non-sticky)	M (Massive)
D (Drainage way)		SL (Sandy loam)		0.4 -0.6		VFR (Very friable)	SS (Slightly sticky)	GR (Granular)
FP (Flood plain)	П	L (Loam)	0.6 - 0.8	0.2 - 0.4	0.3 - 0.4	FR (Friable)	S (Sticky)	SBK (Subangular blocky)
FS (Foot slope)		SiL (Silt loam)		0.1 - 0.3		FI (Firm)	VS (Very sticky)	ABK (Angular blocky)
H (Head slope)		SCL (Sandy clay loam)		0.05 - 0.15**		VFI (Very firm)	NP (Non-plastic)	PR (Prismatic)
L (Linear Slope)		CL (Clay loam)				EFI (Extremely firm)	SP (Slightly plastic)	PL (Platy)
N (Nose slope)		SiCL (Silty clay loam)					P (Plastic)	
R (Ridge/summit)	Ш	Si (Silt)	0.3 - 0.6		0.15 - 0.3		VP (Very plastic)	
5 (Shoulder slope)		SC (Sandy day)				SEXP (Slight	ly expansive)	
T (Terrace)		SiC (Silty clay)				EXP (Ex	pansive)	
TS (Toe Slope)	IV	C (Clay)	0.1 - 0.4	None	0.05 - 0.2			•
		O (Organic)	None					

^{*} Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

HORIZON DEPTH In inches below natural soil surface

DEPTH OF FILL In inches from land surface

RESTRICTIVE HORIZON Thickness and depth from land surface

S(suitable) or U(unsuitable); Evaluation of saprolite shall be by pits. SAPROLITE

SOIL WETNESS Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color

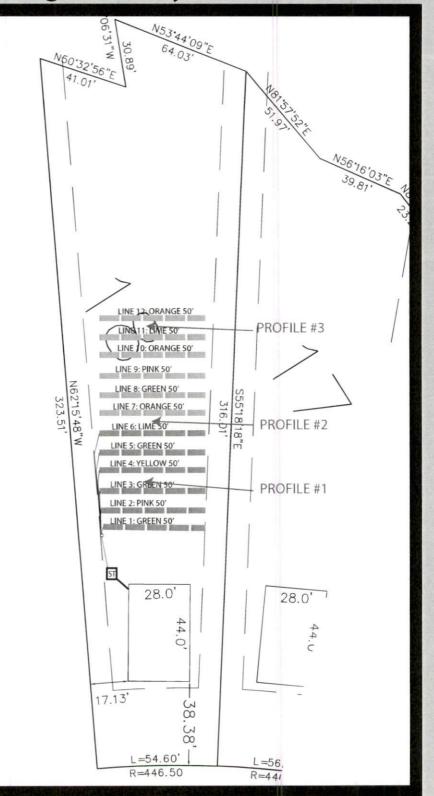
chip designation

CLASSIFICATION S (Suitable) or U (Unsuitable)

Show profile locations and other site features (dimensions, reference or benchmark, and North).



^{**}Sandy clay loam saprolite can only be used with advanced pretreatment in accordance with 15A NCAC 18E .1200.



Elevation Table

Benchmark = 100'

Line 1 = 90.8'

Line 2 = 89.0'

Line 3 = 87.8'

Line 4 = 86.2' Line 5 = 85.1'

Line 6 = 83.7'

Line 7 = 82.2'

Line 8 = 80.4

Line 9 = 78.8'

Line 10 = 77.2'

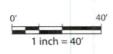
Line 11 = 75.5'

Line 12 = 73.9'

System Details

Initial: 1000 gal Septic Tank 0.30 LTAR Lines 1-6 (300') Accepted - Gravity Distribution - Parallel Product - EZ Flow 18" MTD

Repair: 1000 gal Septic Tank 0.30 LTAR Lines 7-12 (300') Accepted - Gravity Distribution - Parallel Product - EZ Flow 18" MTD



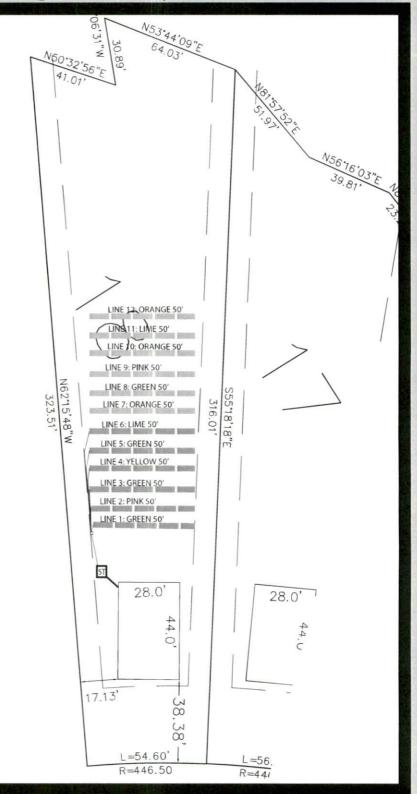


Legend

Initial

Repair





Elevation Table

Benchmark = 100'

Line 1 = 90.8'

Line 2 = 89.0'Line 3 = 87.8'

Line 4 = 86.2'

Line 5 = 85.1'

Line 6 = 83.7'

Line 7 = 82.2' Line 8 = 80.4

Line 9 = 78.8'Line 10 = 77.2'

Line 11 = 75.5'

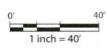
Line 12 = 73.9

System Details

Initial:

1000 gal Septic Tank 0.30 LTAR Lines 1-6 (300') Accepted - Gravity Distribution - Parallel Product - EZ Flow 18"MTD

Repair: 1000 gal Septic Tank 0.30 LTAR Lines 7-12 (300') Accepted - Gravity Distribution - Parallel Product - EZ Flow 18"MTD

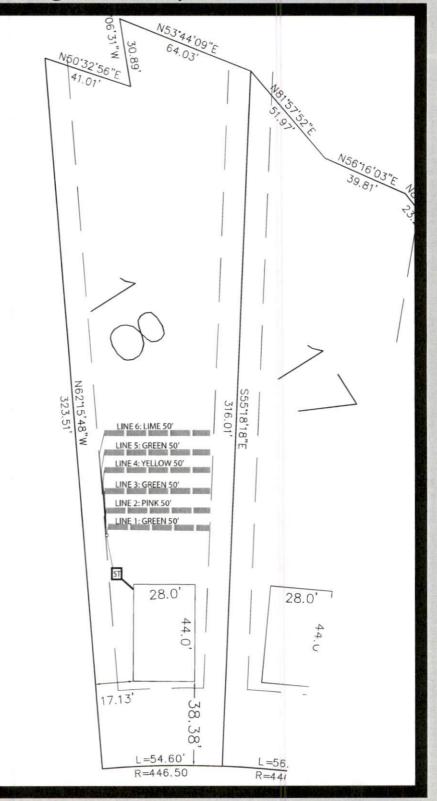




Legend







Elevation Table

Benchmark = 100'

Line 1 = 90.8'

Line 2 = 89.0' Line 3 = 87.8'

Line 4 = 86.2'

Line 5 = 85.1'

Line 6 = 83.7'Line 7 = 82.2'

Line 8 = 80.4

Line 9 = 78.8'

Line 10 = 77.2'

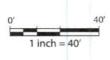
Line 11 = 75.5'

Line 12 = 73.9'

System Details

Initial: 1000 gal Septic Tank 0.30 LTAR Lines 1-6 (300') Accepted - Gravity Distribution - Parallel Product - EZ Flow 18" MTD

Repair: 1000 gal Septic Tank 0.30 LTAR Lines 7-12 (300') Accepted - Gravity Distribution - Parallel Product - EZ Flow 18" MTD





Initial Repair Legend

DESCRIPTION OF THE PERSON NAMED IN

RESTRICTION NAMED IN COLUMN





Benchmark = 100'

Line 1 = 90.8'

Line 2 = 89.0'

Line 3 = 87.8' Line 4 = 86.2'

Line 5 = 85.1'

Line 6 = 83.7'

Line 7 = 82.2'

Line 8 = 80.4

Line 9 = 78.8'

Line 10 = 77.2' Line 11 = 75.5'

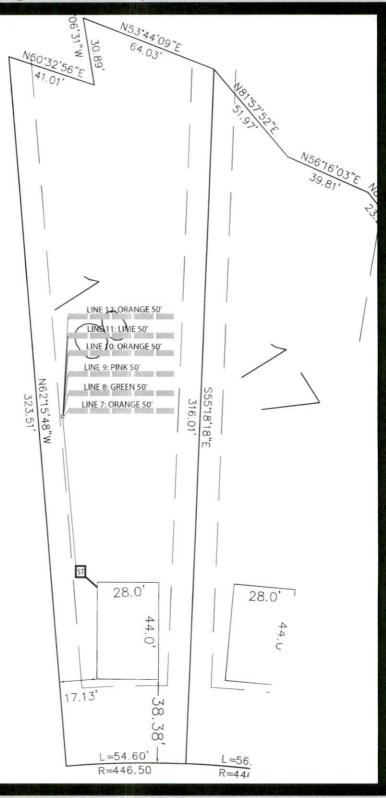
Line 12 = 73.9

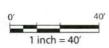
System Details

Initial: 1000 gal Septic Tank 0.30 LTAR Lines 1-6 (300') Accepted - Gravity Distribution - Parallel

Product - EZ Flow 18"MTD

Repair: 1000 gal Septic Tank 0.30 LTAR Lines 7-12 (300') Accepted - Gravity Distribution - Parallel Product - EZ Flow 18" MTD







.

Initial

Repair





SYSTEM DETAIL OVERVIEW

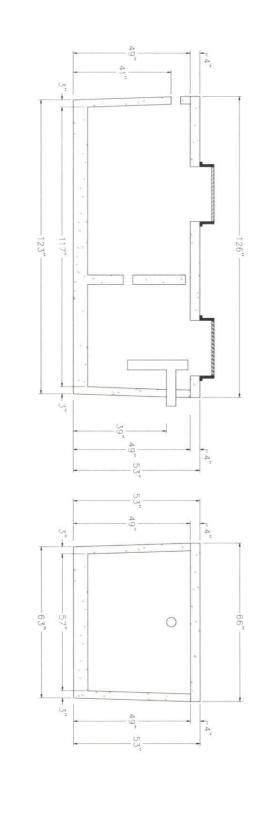
CAPTAINS LANDING LOT 18

Initial System

Design C	Criteria	
	Number of bedrooms Design Flow Soil L.T.A.R.	3 360 gal/day 0.30 gal/day/sqft
System E	Detail	
	Trench Depth Total Trench Length Distribution	18" 300' Parallel
System C	omponents	
	Trench Product Septic Tank Effluent Filter	1000 gal

Repair System

Design Criteria	_
Number of bedrooms Design Flow Soil L.T.A.R.	3 360 gal/day 0.30 gal/day/sqft
System Detail	
Trench Depth Total Trench Length Distribution	18" 300' Parallel
System Components	
Trench Product Septic Tank Effluent Filter	



NON TRAFFIC BEARING

1,000 ST 499

DAVID	BRANTLEY & SONS
3	7 Pine Ridge Rd.
Ze	bulon, NC 27597
Offi	ce 252-478-3721
F	ex 919-573-0443
1in	otellersomeil.com

PREPARED FOR :	David Brantley & Sons	REVISION NO.	DATE	BRANTLEY TANK MODEL 1,000 ST 499			
	37 Pine Ridge Rd.	Original Submittal	April 11, 2014				
DATE : April 11, 2	Zebulon, NC 27597	Revision 1					
CONTACT:		Revision 2					
CORY BRANTLE	EY	Revision 3		SHEET NUMBER			
		Master Set		1 of 1			
			//	1 1011			



PL-68 Filter and Tee

PL-68 is much more than just an effluent filter. The housing can also be used as an inlet baffle (tee) or an outlet baffle. The housing is designed to accept Polylok's snap in gas deflector to deflect gas bubbles away from the tee and to keep the solids in the tank.

Features:

- Offers 68 linear feet of 1/16" filter slots, which significantly extends time between cleaning.
- Accepts 3/4" PVC handle.
- Locks in any 360° position when used with PL-68 Tee.
- PL-68 Housing can be used as an inlet or outlet tee.
- · Gasket prevents bypass.

PL-68 Installation:

Ideal for residential waste flows up to 800 gallons per day (GPD). Easily installs in any new or existing 4" outlet tee.

- 1. Locate the outlet of the septic tank.
- 2. Remove the tank cover and pump tank if necessary.
- Glue the filter housing to the outlet pipe, or use a Polylok Extend & Lok if not enough pipe exists.
- 4. Insert the PL-68 filter into tee.
- 5. Replace and secure the septic tank cover.

PL-68 Maintenance:

The PL-68 Effluent Filter will operate efficiently for several years under normal conditions before requiring cleaning. It is recommended that the filter be cleaned every time the tank is pumped, or at least every three years.

- 1. Do not use plumbing when filter is removed.
- 2. Pull PL-68 out of the tee.
- Hose off filter over the septic tank. Make sure all solids fall back into septic tank.
- 4. Insert filter back into tee/housing.

Related Products:

PL-68 Filter Concrete Baffle

Extend & LokTM



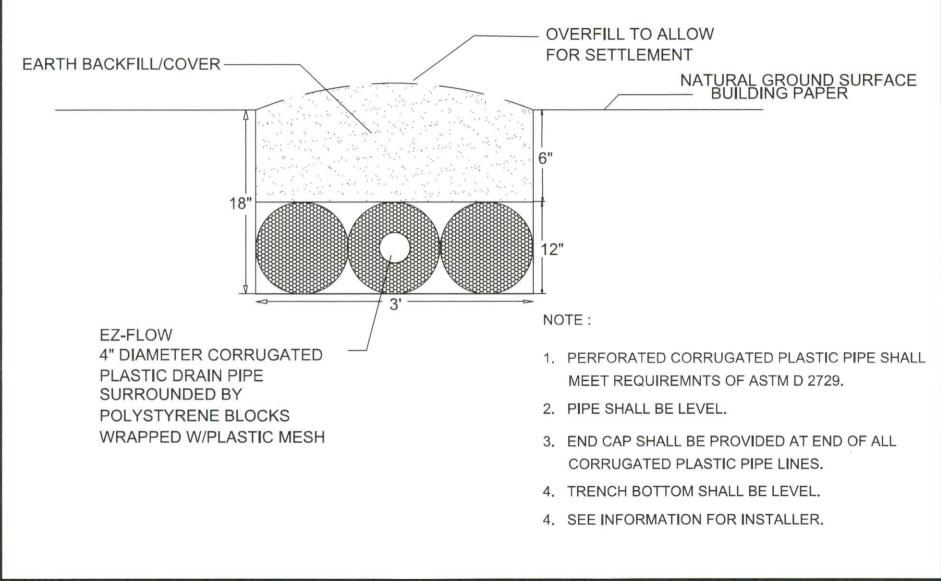
Extend & Lok™ Easily installs into existing tanks.



to 110mm Pipe

4" SCHD 40 to SDR 35

NITRIFICATION TRENCH DETAIL FOR EZ-FLOW



JOB NO:	PROJECT NAME:		NOTES;	
PROJECT MGR:		PAC-ONE DITC		
SCALE:	NITRIFICATION TRENCH	PAC-ONE PLLC		

Call for Pre-Construction Meeting 919-906-4737-Call 5 days+ in advance of construction INFORMATION FOR THE CONTRACTOR

The permit should be read very carefully prior to bidding. The following are details that must be considered by the contractor prior to and during installation:

- Tanks shall be approved by NCDHHS and certification supplied by the manufacturer.
- The installer shall be responsible to the owner for placement of the tanks and to ensure that final grades are returned to the original grade, with exception of added structural features.
- The supply trench shall be compacted to eliminate cavities left during initial fill placement without damage or displacement of pipe or fittings.
- Installation of the system shall be during dry conditions in order to protect the soil structure.
- All fittings shall be pressure rated fittings.
- All joints shall be cleaned with PVC pipe cleaner and a heavy-bodied PVC pipe glue applied to weld all joints.
- Where required by the regulating County Health Department, post installation inspections by the Engineer or his representative must be scheduled **5 week days** in advance.
- Trenches shall be carefully excavated so the bottom is level for the entire length and width of the trench. If the trench bottom level needs adjusting after excavation it must be done by removing high points rather than filling low points. It is extremely important to insure that trenches are not over-excavated during initial trenching. All fine grading within the trench will be done by hand with a shovel. No loose material will be left in the trench.
- All pipe openings in the tanks shall be properly filled with press boot seal. This also applies to the joints around the riser.
- All tanks shall be properly back filled and compacted to prevent settlement.
- Earth dams, constructed of relatively impervious material, shall be installed at the beginning and end of each lateral.
- No heavy equipment shall be used on the field during or after installation. The use of a small loader (i.e. Bobcat) or a trencher (i.e. Ditch Witch 2300/2310) may be used for installation.
- Elevations at pin flag locations should be checked by the contractor prior to beginning trench excavation.
- Pump tank riser shall be 6" above grade, control panel shall be 18" above grade.
- -Septic tank shall have specified effluent filter or approved equivalent.

System Specifics:

- System uses EZ Flow drain line.
- Repair uses EZ Flow drain line.



Markel has over 35 years of experience providing miscellaneous errors and omissions insurance. Our leadership has a wealth of knowledge and expertise in protecting small business owners from litigation stemming from actual or perceived negligence. Our underwriting team has crafted policies that fit your specific needs, while our seasoned, in-house claims professionals will help you successfully navigate a loss or claim should you need their assistance.

Reporting new professional liability claims

New Claims can be reported in writing by website, email, fax, or regular mail. Please refer to your specific policy for all relevant reporting requirements.

To report a new claim, visit markelinsurance.com/file-a-claim and select "BOP/Miscellaneous errors and omissions/Workers compensation" from the drop down. You can also email newclaims@markelcorp.com and include the following:

- Policy number
- · Insured and claimant names with contact details
- · Date of loss
- · Location and description of loss
- All pertinent documentation available (incident report, police report, witness information, photos, etc.)

General claims questions

For information about an already reported Professional Liability claim, email: markelclaims@markelcorp.com, or contact your assigned claim examiner directly.

Additional contact information:

(800) 362-7535 or (800) 3 MARKEL (855) 662-7535 or (855) 6 MARKEL

Markel Claims Department, P.O. Box 2009,

Glen Allen, VA 23058-2009

While your policy is primarily designed to protect against a variety of professional errors and omissions claims, it may also provide protection for other specific exposures such as pollution claims, disciplinary proceedings, third party discrimination claims, subpoena and public relations expenses, among others. Contact your agent for more information, or if you have reported a Claim, your assigned examiner.

Risk management and loss prevention

Policyholders have access to loss control and risk management resources that can assist in a better understanding of potential hazards within their operation and ways to reduce claims.

Here's a sample of the many services available:

- · Exposure assessments
- · Loss analysis tools
- · Safety videos
- · Safety training materials
- · Regulatory program guidance

Designed Protection° for professional service providers and associations – professional service providers hotline

Our panel of Risk Management experts is available to discuss general risk management related concerns and questions. Please visit **markelcorp.com/riskmanagement** and under "Designed Protection*" click "Click here," enter your policy number, then select "Professional Service Providers Hotline" to access our panel of experts.

Visit our website at:

markelinsurance.com/risk-management-home.

For more information about any of Markel's loss control services, contact us at (888) 500-3344 or email losscontrol@markelcorp.com.

For more information about our programs, risk management articles, and FAQs, please visit **markelinsurance.com**. To pay your bill or view policy documents, please visit **portal.markelinsurance.com**.





CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 11/26/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

C	ertificate holder in lieu of su	uch endorse	ement	(s).							
PRO	DUCER					NAME:	Angela	Sensenig			
Wade Associates, LLC			PHONE (A/C, No). EXT):	631-5269	FAX (A/C, No):	(252) 649	9-2443			
250	Pollock St.					E-MAIL ADDRES	ss: asensen	ig@wadeict	com		
						restre			RDING COVERAGE		NAIC #
Nev	w Bern	NC 285	60			INSLIDE			lty Insurance Comp	anv	44776
INSU	IRED		02/18						Insurance Company	any	10844
	mit Acquistion Compa	any One.	PT.T.C					s Mutual	Insurance company		10011
	Garner Rd	any one,	L			INSURE					-
~~`	Garner Na					INSURE					-
Sel		NC 275	7.0			INSURE					
				ATE	NUMBER OF OF	INSURE	RF:		DEVICION NUMBER		
_	VERAGES HIS IS TO CERTIFY THAT THE				NUMBER: 24-25	EN IOOL	ED TO THE IN	CURED NAME	REVISION NUMBER:	DEDIO	
IN C	IDICATED. NOTWITHSTANDIN ERTIFICATE MAY BE ISSUED (XCLUSIONS AND CONDITIONS	IG ANY REQU OR MAY PERT	IREME	ENT, T	TERM OR CONDITION OF AN NSURANCE AFFORDED BY T	Y CONT	TRACT OR OTH	HER DOCUME BED HEREIN I	NT WITH RESPECT TO WHI	CH THIS	55
INSR LTR	TYPE OF INSURANCE		ADDL S	SUBR	POLICY NUMBER		POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMIT	s	
LIK	X COMMERCIAL GENERAL LIA		INSU	WVD	POLICY NOMBER		(MM/DD/1111)	(MIMI/DD/1111)	EACH OCCURRENCE	s	1,000,000
,		OCCUR							DAMAGE TO RENTED	s	100,000
A	OLANVIS-WINDE A	Journ			SSEP0476240AEM		11/22/2024	11/22/2025	PREMISES (Ea occurrence) MED EXP (Any one person)	\$	10,000
							//	,,	PERSONAL & ADV INJURY	s	1,000,000
1										s	2,000,000
1	GEN'L AGGREGATE LIMIT APPLIES PRO-								GENERAL AGGREGATE	-	2,000,000
	POLICY JECT	LOC							PRODUCTS - COMP/OP AGG	\$	2,000,000
\vdash	OTHER:		-	$\overline{}$					COMBINED SINGLE LIMIT	s	
	AUTOMOBILE LIABILITY								(Ea accident)	-	
	ANY AUTO ALL OWNED SCH	HEDULED							BODILY INJURY (Per person)	\$	
	AUTOS AUT								BODILY INJURY (Per accident) PROPERTY DAMAGE	\$	
	HIRED AUTOS AUT								(Per accident)	\$	
_				\rightarrow						\$	
	UMBRELLA LIAB	OCCUR							EACH OCCURRENCE	\$	
	EXCESS LIAB	CLAIMS-MADE							AGGREGATE	\$	
	DED RETENTION \$			$\overline{}$					I BER I TATU	\$	
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY	V/N							X PER OTH-		
	ANY PROPRIETOR/PARTNER/EXECU	UTIVE Y/N	N/A						E.L. EACH ACCIDENT	\$	500,000
В	OFFICER/MEMBER EXCLUDED? (Mandatory in NH)		"'^		69KOUB-5N24039-7-24		11/14/2024	11/14/2025	E.L. DISEASE - EA EMPLOYEE	\$	500,000
	If yes, describe under DESCRIPTION OF OPERATIONS be	elow							E.L. DISEASE - POLICY LIMIT	\$	500,000
A	Errors & Omissions				SSEP0476240AEM		11/22/2024	11/22/2025	Each Occurrence	,	\$1,000,000
-	DITOID & OMIDDIOND				DDII 01/0210AIII		12/22/2021	11/11/1015	General Aggregate		\$2,000,000
									99.09		*=,***,***
DES	DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)										
CE	RTIFICATE HOLDER					CANC	ELLATION				
						THE	EXPIRATION D	ATE THEREO	SCRIBED POLICIES BE CAN F, NOTICE WILL BE DELIVER Y PROVISIONS.		D BEFORE
						AUTHO	RIZED REPRESEN	ITATIVE		7	
1	T.					N Whi	tsett/RAC	HEL	N Reed 6	4	-



MARKEL INSURANCE COMPANY

10275 West Higgins Road, Suite 750 Rosemont, IL 60018 (800) 431-1270

INSURANCE POLICY

Coverage afforded by this policy is provided by the Company (Insurer) and named in the Declarations.

In **Witness Whereof**, the company (insurer) has caused this policy to be executed and attested and countersigned by a duly authorized representative of the company (insurer) identified in the Declarations.

Kathleen Anne Sturgeon By W. Sahr

MJIL 1000 06 10 Page 1 of 1



MARKEL INSURANCE COMPANY

NOTICE TO POLICYHOLDERS CLAIM REPORTING

Please immediately report a new claim under this policy to:

newclaims@markel.com

For general claims inquiries after a claim has been reported, please email:

markelclaims@markel.com

In order for us to expedite the handling of your claim and quickly refer it to the appropriate party, please have the following information available:

- Claim number (or report as new)
- · Your name, contact information and position with the Named Insured
- Date of loss
- Policy number and insured name
- Details of loss

Our address and additional contact information are as follows:

Markel Claims P.O. Box 2009 Glen Allen, VA 23058-2009 Phone: 800-362-7535 (800) 3MARKEL Fax: 855-662-7535 (855) 6MARKEL

Markel understands the importance of having knowledgeable claims professionals prepared to answer your questions with personal attention and expertise. With claims professionals located across four times zones, you are sure to find the claims assistance you need -- when you need it.

PLEASE REFER TO THE POLICY FOR ANY NOTICE AND REPORTING PROVISIONS AND DUTIES IN THE EVENT OF LOSS OR DAMAGE TO COVERED PROPERTY.

MPIL 1074 07 14 Page 1 of 1



MARKEL INSURANCE COMPANY

U.S. TREASURY DEPARTMENT'S OFFICE OF FOREIGN ASSETS CONTROL ("OFAC") ADVISORY NOTICE TO POLICYHOLDERS

No coverage is provided by this Policyholder Notice nor can it be construed to replace any provisions of your policy. You should read your policy and review your Declarations page for complete information on the coverages you are provided.

This Notice provides information concerning possible impact on your insurance coverage due to directives issued by OFAC. Please read this Notice carefully.

The Office of Foreign Assets Control (OFAC) administers and enforces sanctions policy, based on Presidential declarations of "national emergency". OFAC has identified and listed numerous:

- · Foreign agents;
- Front organizations;
- Terrorists:
- · Terrorist organizations; and
- Narcotics traffickers:

as "Specially Designated Nationals and Blocked Persons". This list can be located on the United States Treasury's web site – https://www.treasury.gov/ofac.

In accordance with OFAC regulations, if it is determined that you or any other insured, or any person or entity claiming the benefits of this insurance has violated U.S. sanctions law or is a Specially Designated National and Blocked Person, as identified by OFAC, this insurance will be considered a blocked or frozen contract and all provisions of this insurance are immediately subject to OFAC. When an insurance policy is considered to be such a blocked or frozen contract, no payments nor premium refunds may be made without authorization from OFAC. Other limitations on the premiums and payments also apply.

Markel Insurance Company

\$2,000,000

\$2,000,000

\$5,000



PROFESSIONAL LIABILITY INSURANCE DECLARATIONS

Claims Made and Reported Coverage: The coverage afforded by this policy is limited to liability for only those Claims that are first made against the Insured during the Policy Period or the Extended Reporting Period, if exercised, and reported to Markel Insurance Company during the Policy Period or the Extended Reporting Period, if exercised, or within 60 days after the expiration of the Policy Period or the Extended Reporting Period, if exercised.

Notice: This policy contains provisions that reduce the Limits of Liability stated in the policy by the costs of legal defense and permit legal defense costs to be applied against the deductible, unless the policy is amended by endorsement. Please read the policy carefully.

POLICY NUMBER: MEO1642-05 RENEWAL OF POLICY: MEO1642-04

NAMED INSURED: Permit Acquisition Company-One LLC

BUSINESS ADDRESS: 920 Garner Road Selma, NC 27576

POLICY PERIOD: From 11/22/2023 to 11/22/2024

12:01 A.M. Standard Time at address of Insured stated above.

IN RETURN FOR THE PAYMENT OF THE PREMIUM, AND SUBJECT TO ALL THE TERMS OF THIS POLICY, THE COMPANY AGREES WITH THE NAMED INSURED TO PROVIDE THE INSURANCE AS STATED IN THIS POLICY.

1. PROFESSIONAL SERVICES: soil science

2. LIMITS OF LIABILITY

A. Each Claim:

B. Policy Aggregate:

Professional Liability Coverage

Ad	ditional Payments	
A.	Contingent Bodily Injury And Property Damage	\$100,000
В.	Pollution	\$10,000
C.	Pre-Claim Assistance Expenses	\$20,000
D.	Sexual Abuse	\$10,000
E.	Third Party Discrimination	\$25,000

Supplementary Payments

A.	Disciplinary Proceeding	\$25,000 per Policy Period
В.	Loss Of Earnings And Expense Reimbursement	\$10,000
C.	Public Relations Expenses	\$5,000

D. Subpoena And Record Request Assistance Producer Number, Name and Mailing Address

98496

Wade Associates, LLC. - New Bern

PO Box 1209

Davidson, NC, 28036

MDST 1000 07 17 Page 1 of 2

3. DEDUCTIBLE

 A. Each Claim:
 \$1,000

 B. Aggregate:
 \$3,000

4. RETROACTIVE DATE: 11/22/2019

5. PREMIUM RATE: Flat PREMIUM BASE: Flat

6. PREMIUM FOR POLICY PERIOD

Minimum: \$560
Deposit: \$560
Adjusted Annual Premium: \$560

- 7. PREMIUM PERCENTAGE FOR EXTENDED REPORTING PERIOD: ADDITIONAL PERIOD:
- 8. FORMS AND ENDORSEMENTS ATTACHED AT POLICY INCEPTION:

See MDIL 1001 attached.

These declarations, together with the Coverage Form and any Endorsement(s), complete the above numbered policy.

Countersigned: 08/30/2023 (Date)	
	By: John K Clark
	Authorized Representative Signature