



Initial Application Date: 8/29/2023

Application # _____

CU# _____

COUNTY OF HARNETT RESIDENTIAL LAND USE APPLICATION

Central Permitting 420 McKinney Pkwy, Lillington, NC 27546 Phone: (910) 893-7525 ext:1 Fax: (910) 893-2793 www.harnett.org/permits

A RECORDED SURVEY MAP, RECORDED DEED (OR OFFER TO PURCHASE) & SITE PLAN ARE REQUIRED WHEN SUBMITTING A LAND USE APPLICATION

LANDOWNER: POP HOMES-RDU, LLC Mailing Address: 117 CHRISTOPHER DR

City: CLAYTON State: NC Zip: 27520 Contact No: 919-525-5856 Email: PATRICK@MYPOPHOMES.COM

APPLICANT*: AMP'D ENGINEERING, PLLC Mailing Address: 8754 REED DR STE 14

City: EMERALD ISLE State: NC Zip: 28594 Contact No: 252-777-0140 Email: ATHAN.PARKER@AMPDENGINEERING.COM

*Please fill out applicant information if different than landowner

ADDRESS: 597 LAKERUN DR PIN: 0526-93-7748.000

Zoning: _____ Flood: _____ Watershed: _____ Deed Book / Page: _____

Setbacks - Front: _____ Back: _____ Side: _____ Corner: _____

PROPOSED USE:

[X] SFD: (Size _____ x _____) # Bedrooms: 4 # Baths: _____ Basement(w/wo bath): _____ Garage: _____ Deck: _____ Crawl Space: _____ Slab: _____ Slab: _____ Monolithic
TOTAL HTD SQ FT GARAGE SQ FT (Is the bonus room finished? () yes () no w/ a closet? () yes () no (if yes add in with # bedrooms)

[] Modular: (Size _____ x _____) # Bedrooms _____ # Baths _____ Basement (w/wo bath) _____ Garage: _____ Site Built Deck: _____ On Frame _____ Off Frame _____
TOTAL HTD SQ FT (Is the second floor finished? () yes () no Any other site built additions? () yes () no

[] Manufactured Home: _____ SW _____ DW _____ TW (Size _____ x _____) # Bedrooms: _____ Garage: _____ (site built? _____) Deck: _____ (site built? _____)

[] Duplex: (Size _____ x _____) No. Buildings: _____ No. Bedrooms Per Unit: _____ TOTAL HTD SQ FT

[] Home Occupation: # Rooms: _____ Use: _____ Hours of Operation: _____ #Employees: _____

[] Addition/Accessory/Other: (Size _____ x _____) Use: _____ Closets in addition? () yes () no
TOTAL HTD SQ FT GARAGE

Water Supply: [X] County _____ Existing Well _____ New Well (# of dwellings using well _____) *Must have operable water before final
(Need to Complete New Well Application at the same time as New Tank)

Sewage Supply: [X] New Septic Tank _____ Expansion _____ Relocation _____ Existing Septic Tank _____ County Sewer
(Complete Environmental Health Checklist on other side of application if Septic)

Does owner of this tract of land, own land that contains a manufactured home within five hundred feet (500') of tract listed above? () yes ([X]) no

Does the property contain any easements whether underground or overhead () yes ([X]) no

Structures (existing or proposed): Single family dwellings: 1 Manufactured Homes: _____ Other (specify): _____

If permits are granted I agree to conform to all ordinances and laws of the State of North Carolina regulating such work and the specifications of plans submitted. I hereby state that foregoing statements are accurate and correct to the best of my knowledge. Permit subject to revocation if false information is provided.

Signature of Owner or Owner's Agent

8/29/2023 Date

It is the owner/applicants responsibility to provide the county with any applicable information about the subject property, including but not limited to: boundary information, house location, underground or overhead easements, etc. The county or its employees are not responsible for any incorrect or missing information that is contained within these applications.

*This application expires 6 months from the initial date if permits have not been issued**

APPLICATION CONTINUES ON BACK

strong roots • new growth

****This application expires 6 months from the initial date if permits have not been issued****

This application to be filled out when applying for a septic system inspection.

County Health Department Application for Improvement Permit and/or Authorization to Construct

IF THE INFORMATION IN THIS APPLICATION IS FALSIFIED, CHANGED, OR THE SITE IS ALTERED, THEN THE IMPROVEMENT PERMIT OR AUTHORIZATION TO CONSTRUCT SHALL BECOME INVALID. The permit is valid for either 60 months or without expiration depending upon documentation submitted. (Complete site plan = 60 months; Complete plat = without expiration)

Environmental Health New Septic System

- **All property irons must be made visible.** Place "pink property flags" on each corner iron of lot. All property lines must be clearly flagged approximately every 50 feet between corners.
- Place "orange house corner flags" at each corner of the proposed structure. Also flag driveways, garages, decks, out buildings, swimming pools, etc. Place flags per site plan developed at/for Central Permitting.
- Place orange Environmental Health card in location that is easily viewed from road to assist in locating property.
- If property is thickly wooded, Environmental Health requires that you clean out the **undergrowth** to allow the soil evaluation to be performed. Inspectors should be able to walk freely around site. **Do not grade property.**
- **All lots to be addressed within 10 business days after confirmation. \$25.00 return trip fee may be incurred for failure to uncover outlet lid, mark house corners and property lines, etc. once lot confirmed ready.**

Environmental Health Existing Tank Inspections

- Follow above instructions for placing flags and card on property.
- Prepare for inspection by removing soil over **outlet end** of tank as diagram indicates, and lift lid straight up (*if possible*) and then **put lid back in place.** (Unless inspection is for a septic tank in a mobile home park)
- **DO NOT LEAVE LIDS OFF OF SEPTIC TANK**

"MORE INFORMATION MAY BE REQUIRED TO COMPLETE ANY INSPECTION"

SEPTIC

If applying for authorization to construct please indicate desired system type(s): can be ranked in order of preference, must choose one.

- {__} Accepted {X} Innovative {__} Conventional {__} Any
 {__} Alternative {__} Other _____

The applicant shall notify the local health department upon submittal of this application if any of the following apply to the property in question. If the answer is "yes", applicant **MUST ATTACH SUPPORTING DOCUMENTATION**:

- {__} YES {X} NO Does the site contain any Jurisdictional Wetlands?
 {__} YES {X} NO Do you plan to have an irrigation system now or in the future?
 {__} YES {X} NO Does or will the building contain any drains? Please explain. _____
 {__} YES {X} NO Are there any existing wells, springs, waterlines or Wastewater Systems on this property?
 {__} YES {X} NO Is any wastewater going to be generated on the site other than domestic sewage?
 {__} YES {X} NO Is the site subject to approval by any other Public Agency?
 {__} YES {X} NO Are there any Easements or Right of Ways on this property?
 {__} YES {X} NO Does the site contain any existing water, cable, phone or underground electric lines?
 If yes please call No Cuts at 800-632-4949 to locate the lines. This is a free service.

I Have Read This Application And Certify That The Information Provided Herein Is True, Complete And Correct. Authorized County And State Officials Are Granted Right Of Entry To Conduct Necessary Inspections To Determine Compliance With Applicable Laws And Rules. I Understand That I Am Solely Responsible For The Proper Identification And Labeling Of All Property Lines And Corners And Making The Site Accessible So That A Complete Site Evaluation Can Be Performed.



NC DEPARTMENT OF HEALTH AND HUMAN SERVICES

ROY COOPER • Governor
KODY H. KINSLEY • Secretary
MARK BENTON • Deputy Secretary for Health
SUSAN KANSAGRA • Assistant Secretary for Public Health
Division of Public Health

COMMON FORM FOR ENGINEERED OPTION PERMIT

LHD USE ONLY: Initial submittal of this NOI received: _____ by _____
Date Initials

PART 1: Notice of Intent to Construct (NOI) - Please check all that apply

[X] Single System or [] Multiple Systems

AND

[X] New [] Expansion [] Relocation of all or part of the Existing System [] Relocation of Repair Area

[] Repair - LHD Permit Number _____ [] Repair - EOP/LSS COVID 19/AOWE Permit Number _____

1. Facility Owner's name: (Owner, Company Name, Utility, Partnership, Individual, etc.): _____
POP HOMES-RDU, LLC

Mailing address: 117 CHRISTOPHER DR City: CLAYTON State: NC Zip: 27520

Telephone number: 919-525-5856 E-mail Address: PATRICK@MYPOPHOMES.COM

2. Professional Engineer (PE) name: ATHAN M PARKER, PE License number: 43250

Mailing address: PO BOX 4580 City: EMERALD ISLE State: NC Zip: 28594

Telephone number: 919-795-9594 E-mail Address: ATHAN.PARKER@AMPDENGINEERING.COM

3. Licensed Soil Scientist (LSS) name: HAYWOOD PITTMAN, LSS License number: 1262

Mailing address: 1073-1 GREGORY FORK RD City: RICHLANDS State: NC Zip: 28574

Telephone number: 910-324-2892 E-mail Address: PITTMANSOIL@YAHOO.COM

4. Licensed Geologist (LG) (if applicable) name: _____ License number: _____

Mailing address: _____ City: _____ State: _____ Zip: _____

Telephone number: _____ E-mail Address: _____

5. On-Site Wastewater Contractor name: HAYWOOD PITTMAN, LSS License number: 3825

Mailing address: 1073-1 GREGORY FORK RD City: RICHLANDS State: NC Zip: 28574

Telephone number: 910-324-2892 E-mail Address: PITTMANSOIL@YAHOO.COM

6. Proof of Errors and Omissions or other appropriate liability insurance for the following persons is attached that includes the name of the insurer, name of the insured and the effective dates of coverage:

[X] PE [X] LSS [] LG [X] On-site Wastewater Contractor

7. Property location (physical address, tax parcel identification number or subdivision lot, block number of the property to be permitted): POPLAR MILLS RUN LOT 13

NC DEPARTMENT OF HEALTH AND HUMAN SERVICES • DIVISION OF PUBLIC HEALTH

LOCATION: 5605 SIX FORKS RD, RALEIGH NC 27609
MAILING ADDRESS: 1642 MAIL SERVICE CENTER, RALEIGH NC 27699-1642
www.ncdhhs.gov • TEL: 919-707-5874 • FAX: 919-845-3972

AN EQUAL OPPORTUNITY / AFFIRMATIVE ACTION EMPLOYER

County Name: HARNETT

- 8. Type of facility: Place of residence No. Bedrooms: 4 No. Occupants: 8
 Place of business Basis for flow calculation: _____
 Place of public assembly Basis for flow calculation: _____

9. Factors that would affect the wastewater load: NO KNOWN FACTORS TO AFFECT LOADING

10. Type and location of proposed wastewater system: 5-60' 25% REDUCTION LINES, TYPE IIIg, 24" TB; LOCATED 21' FROM THE WEST PROPERTY BOUNDARY AND 10' FROM THE SOUTH PROPERTY BOUNDARY (LOCATED WEST OF PROPOSED HOME)

11. Design wastewater flow: 480 gpd (For flow > 3,000 gpd and industrial process, duplicate plans shall be sent to the State.)

Design wastewater strength: domestic high strength industrial process

12. A plat as defined in G.S. 130A-334(7a) is attached: Yes No

13. Location of proposed or existing wells (drinking water, irrigation, geothermal, groundwater monitoring, sampling, etc.) and any potable and non-potable water conveyance lines is indicated on attached plans and complies with 15A NCAC 18A .1950: Yes No

This is a saprolite system. Yes No

14. Evaluation(s) of soil conditions and site features in accordance with G.S. 130A-335(a1) signed and sealed by a LSS is attached: Yes No

15. Evaluation of geologic and hydrogeologic conditions signed and sealed by a LG is attached Yes NA

16. Proposed landscape, site, drainage, or soil modifications are attached: Yes NA

Attestation by Professional Engineer licensed in North Carolina pursuant to G.S. 89C

I, ATHAN M PARKER, PE hereby attest that the information required to be included with this Notice of Intent to Construct is accurate and complete to the best of my knowledge and that the proposed system shall meet applicable federal, State, and local laws, regulations, rules, and ordinances in accordance with G.S. 130A-336-.1(e)(6).

(Handwritten Signature)
Digitally signed by ATHAN M. PARKER, PE
DN: cn=ATHAN M. PARKER, PE, c=US, o=AMPD ENGINEERING, PLLC
email=ATHAN.PARKER@AMPDENGINEERING.COM
Date: 2023.08.28 11:21:48 -0400

Signature of Licensed Professional Engineer

Date

Designation of Registered Professional Engineer as legal representative of Owner for this Notice of Intent

I, Patrick Lamm hereby designate ATHAN M. PARKER, PE as my legal representative for purposes of this Notice of Intent pursuant to G.S. 130A-336.1.

(Handwritten Signature)

Signature of Owner

Date

7/28/2023

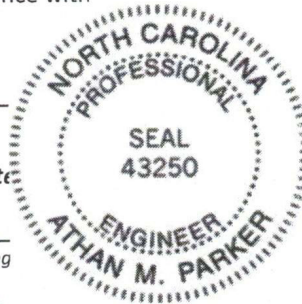
Owner self-submittal of NOI:

I, _____ hereby submit this NOI prepared by _____ pursuant to G.S. 130A-336.1.

Signature of Owner

Date

PART 3: Authorization to Operate (ATO)



The following items are included in this Authorization to Operate for an EOP:

LHD USE ONLY: Initial submittal of request for ATO received: _____ by _____ <div style="display: flex; justify-content: space-around; font-size: small;"> Date Initials </div>

- 1. Signed and sealed copy of the Engineer’s report that includes the information in G.S. 130A-336.1(k)(1) and 15A NCAC 18A .1971(f) Yes No
- 2. Operation and management program and ORC contract, if applicable Yes No
- 3. Letter documenting Owner’s acceptance of the system from the PE Yes No
- 4. Owner meets requirements of ownership or control of the system per 15A NCAC 18A .1938(j) Yes No
- 6. Easement, right of way, or encroachment agreement required per 15A NCAC 18A .1938(j) Yes No
- 7. Multi-party agreements required, as applicable, pursuant to 15A NCAC 18A .1937(h) Yes No
 If yes, agreements filed in _____ County Register of Deeds in Deed Book _____ Page _____

Attestation by the Owner or the PE for Authorization to Operate

I, _____ hereby attest that all items indicated above have been provided
Print name of Owner or Professional Engineer
and the system meets applicable federal, State, and local laws, regulations, rules, and ordinances in accordance with G.S. 130A-336-.1(e)(6).

<i>Signature of Owner or Professional Engineer</i>	<i>Date</i>
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NOTES:
LIABILITY: The Department, the Department’s authorized agents, or local health departments shall have no liability for wastewater systems designed, constructed, and installed pursuant to an Engineer Option Permit [G.S. 130A-336.1(f)]

AMP'd Engineering, PLLC

Civil Engineer – Consulting Engineer – Land Development

PO Box 4580

Emerald Isle, NC 28594

(252) 777-0141 ✦ athan.parker@ampdengineering.com

Firm License Number P-1532

Ref: AMP'D Engineering, PLLC Septic Standards

To Whom It May Concern,

Due to unforeseen negligence by previous owners and contractors regarding the Engineered Option Permit ("EOP") process and installation, the following standards have been adopted by AMP'D Engineering, PLLC and are to be strictly followed. If these standards are not followed, AMP'D Engineering, PLLC has the right to void all warranties related to engineering work involved with these EOPs.

- Engineer shall approve septic installer prior to installation.
- Engineer shall be notified at a minimum of 48 hours prior to septic installation.
- No vehicles, equipment, structures, debris, or any other items that may compact the soils or damage the septic lines allowed on the septic location before or after installation. Equipment only allowed over the septic area by a certified septic installer to backfill and grade the septic area after installation.
- All systems are to have a minimum of 6" cover over the system and five feet beyond the system. Only approved soil to be used as cover.
- After installation, the area should be graded to shed water. All drainage should be diverted away from septic area and tanks.
- All drip systems to have a minimum of 12" cover over the system and five feet beyond the system. Only group I soil allowed over system with a cap of topsoil to promote growth of groundcover.
- Groundcover is to be established over every system within 14 days after installation.
- Orange safety fencing with T-Posts to be used to surround the system after installation to prevent any unqualified individuals from entering septic area.

If you have any questions, please feel free to give me a call (252) 777-0141 or email me (athan.parker@ampdengineering.com).

Sincerely,

 Digitally signed by ATHAN M. PARKER, PE
DN: cn=ATHAN M. PARKER, PE, c=US, o=AMPD
ENGINEERING, PLLC,
email=ATHAN.PARKER@AMPDENGINEERING.COM
Date: 2023.08.29 11:32:11 -0400

Athan M Parker, PE
President
AMP'd Engineering, PLLC
Firm License No. P-1532



PITTMAN SOIL CONSULTING
PO BOX 1387
RICHLANDS, NC 28574
910-330-2784
pittmansoil@yahoo.com

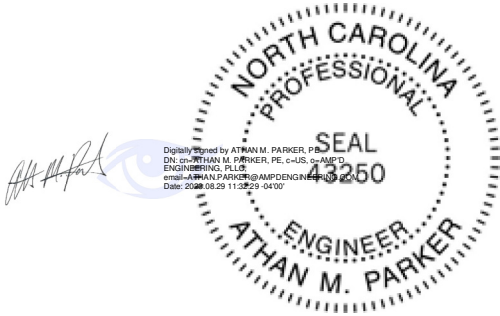
Owner: POPLAR MILLS
Address: LOT 13
Location: 597 LAKERUN DRIVE

PROPERTY INFORMATION OBTAINED VIA SURVEY BY
 PIEDMONT SURVEYING, FOR POPLAR MILLS RUN
 SUBDIVISION, PHASE II, DATED JANUARY 3, 1996.



INITIAL
 4 BEDROOM
 LTAR.4
 5-60' 25% REDUCTION LINES
 24" TB
 >6" SOIL COVER REQUIRED OVER
 SYSTEM AND 5' BEYOND SYSTEM

REPAIR AREA
 4 BEDROOM
 LTAR 0.4
 3-67' PANEL BLOCK
 18" TB
 >6" SOIL COVER REQUIRED OVER
 SYSTEM AND 5' BEYOND SYSTEM



SCALE 1"=40'

Pittman Soil Consulting

*1003 Gregory Fork Road
Richlands, NC 28574
Phone (910)330-2784
pittmansoil@yahoo.com*

MAY 3, 2022

Ref: POPLAR MILLS LOT 13

A soil evaluation was conducted on the above referenced tract to determine the sites suitability for septic. The current laws and rules of NC was used as guide for this evaluation.

Hand Auger borings on the site were used to characterize the soil texture, structure, physical and chemical properties, and depth to the soil wetness condition. The attached plot plan shows the location of the septic system in the most ideal location on the site. The soil wetness condition was found to be 42" from the surface with a clay loam texture. I have assigned an LTAR of 0.4 gpd/sqft for a 480 gpd 4 bedroom residence. This will require the installation of 5-60' 25% reduction lines that shall be installed in accordance with the current rules. The depth to soil wetness of 42" would constitute a trench bottom of 24" from the ground surface. The system will require 6" of Group II or III soil cover that shall extend 5' from the edge of the system. The system will require a 1000 gallon septic.

Soils in the repair area showed soil wetness at depths of 30" from the surface with a clay loam texture. The repair area will require a 20'x67' panel block installed at 18" from the surface with an LTAR of 0.4 gpd/sqft.

After installation the site should be landscaped to shed surface water. Any alterations to the site may impact soil conditions. System shall not be installed in wet conditions.

If you have any questions please feel free to contact me at 910-330-2784. Thank You.

Sincerely,



R. HAYWOOD PITTMAN II

R. Haywood Pittman II
NC Licensed Soil Scientist



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
07/21/2023

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 have ADDITIONAL INSURED provisions or 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).

PRODUCER N.C. Farm Bureau Ins. Agency 5301 Glenwood Avenue (27612) P.O. Box 27427 Raleigh NC 27611		CONTACT NAME: PHONE (A/C, No, Ext): E-MAIL: ADDRESS:		FAX (A/C, No):	
INSURED Ronald H. Pittman, II DBA Pittman Soil Consulting 1003 Gregory Fork Rd. Richlands NC 28574		INSURER(S) AFFORDING COVERAGE		NAIC #	
		INSURER A: Capitol Specialty Insurance Corporation			
		INSURER B:			
		INSURER C:			
		INSURER D:			
		INSURER E:			
		INSURER F:			

COVERAGES **CERTIFICATE NUMBER:** CL2372128003 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Professional Liability GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER			EV20182381-06	07/19/2023	07/19/2024	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (EA OCCURRENCE) \$ 50,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMPIOP AGG \$ 2,000,000 Professional Occ/Agg \$ 1M/2M
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY <input type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input type="checkbox"/> RETENTION \$						COMBINED SINGLE LIMIT (EA accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$ EACH OCCURRENCE \$ AGGREGATE \$ \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY <input type="checkbox"/> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below						<input type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
A	Contractor's Pollution Liability - Occurrence Form			EV20182381-06	07/19/2023	07/19/2024	Each Incident \$1,000,000 Aggregate Limit \$2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER	CANCELLATION
	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE 