



NC DEPARTMENT OF
**HEALTH AND
HUMAN SERVICES**

ROY COOPER • Governor
KODY H. KINSLEY • Secretary
MARK BENTON • Chief 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.

Single System or Multiple Systems

AND

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.): _____

RAW NC, LLC

Mailing address: 1521 Taylor Farm Road City: Virginia Beach State: VA Zip: 23453

Telephone number: (757) 734-4508 E-mail Address: AnneRenee@RobWadsworth.com

2. Professional Engineer (PE) name: Mark Bissell License number: 010362

Mailing address: P.O. Box 1068 City: Kitty Hawk State: NC Zip: 27949

Telephone number: (252) 261-3266 E-mail Address: mark@bissellprofessionalgroup.com

3. Licensed Soil Scientist (LSS) name: Ralph L. Hollowell, Jr. License number: 1083

Mailing address: 150 Doll Harrell Rd. City: Hertford State: NC Zip: 27944

Telephone number: (252) 340-9015 E-mail Address: lhollowell4hunt@gmail.com

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

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

Telephone number: _____ E-mail Address: _____

5. On-Site Wastewater Contractor name: Juniper Ridge Construction, LLC License number: 5167

Mailing address: P.O. Box 56 City: Moyock State: NC Zip: 27958

Telephone number: (252) 207-3001 E-mail Address: juniperridgeconstruction@gmail.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:

PE LSS LG On-site Wastewater Contractor

7. Property location (physical address, tax parcel identification number or subdivision lot, block number of the property to be permitted): Lot 27, RAW NC, LLC division as recorded in P.C. 3, Slide 83B,

Washington County Registry

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

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County Name: Washington

- 8. Type of facility: Place of residence No. Bedrooms: 4 max. No. Occupants: up to 8
 Place of business Basis for flow calculation: _____
 Place of public assembly Basis for flow calculation: _____
- 9. Factors that would affect the wastewater load: None known

10. Type and location of proposed wastewater system: Sand-lined trench system, located according to the attached site plan.

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 18E .0601: Yes No
This is a saporlite 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

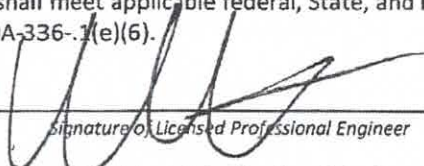
15. Evaluation of geologic and hydrogeologic conditions signed and sealed by a LG is attached Yes NA

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

Mark S. Bissell

I, _____ 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).



Signature of Licensed Professional Engineer



10-10-25

Date

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

I, _____ hereby designate _____ as my legal representative for purposes of this Notice of Intent pursuant to G.S. 130A-336.1.

Signature of Owner

Date

Owner self-submittal of NOI:

I, Robert A. Wadsworth, II hereby submit this NOI prepared by Mark Bissell

Robert A. Wadsworth, II

Signature of Owner

Mark Bissell

Date

PART 3: Authorization to Operate (ATO)

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

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

- 1. Signed and sealed copy of the Engineer's report that includes the information in G.S. 130A-336.1(k)(1) 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 control of the system per 15A NCAC 18E .0301(b) Yes No
 - 5. Easement, right of way, or encroachment agreement required per 15A NCAC 18E .0301(c) Yes No
 - 6. Multi-party agreements required, as applicable, per 15A NCAC 18E .0204(g) 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).

Signature of Owner or Professional Engineer _____
Date

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)]

To: RAW NC, LLC

Re: Property located on Beasley Road (Paved/Rock)
Washington County, NC
Skinnersville Township

This tract of land has been evaluated for 27 lots – each lot consisting of several acres.

This property is typical of the coastal plain and soils are typical - usually a Tomotley soil or Roanoke soil. This soil series is a challenging soil due to the clay layer and poor drainage. This soil series typically covers large acres of land within the coastal region.

Based on this site, the following was found:

-Lots 12-27 located on the paved road of Beasley had a clay soil to approximately 48 inches (Btg), which proceeded into a sandy loam/loamy sand (C).

-Drainage on these lots has some artificial drainage with ditches, but also natural drainage directed to a large Dominion Energy Power Line that runs through the property, which is definitely helping to control the water table.

-There is also drainage that runs behind the property that helps control the water table.

Lots 1-11 are connected to this same drainage pattern.

Lots 1-11 also have a clay layer to approximately 48 inches (Btg), which proceeded into a sandy loam/loamy sand (C).

-These lots also have artificial drainage due to ditching.

-All lots would consist of the following:

-3 LTAR

-6 lines

-89' long

-1000-gallon tank

-Distribution Box

-Backfill Trench's to 4.5' with coarse sand

-10' centers

-3' Trench

-12 inches cover maximum

-Landscape to promote drainage, which includes crowning lots over system to promote surface drainage.

This design is based on the 15A NCAC 18E Rules and Performance of Sand Lined Trench Septic Systems on Wet, Clayey Soils in Northeastern North Carolina.

Profile

Ap - 0-7 inches-grayish (10 YR 4/2) Fine Sandy Loam

Btg 1 - 7-10 inches light gray (10 YR 7/1) Fine Sandy Loam, iron accumulation - clay films

Btg 2 - 10-40 inches-light gray/brownish gray (2.5 Y 6/2) Sandy Clay Loam-(7.5 YR 5/8)-clay films

BCg - 40-48 inches-light brownish gray (2.5 y 6/2) (10 YR 6/1)-yellowish brown (10 YR 5/8) Sandy Loam

Cg - 48+ inches-gray (10 YR 6/1) Loamy Sand

Never Hit Free Water on any borings.

Ralph L. Hollowell, Jr



