

County: Watauga  
394566

CONSTRUCTION AUTHORIZATION FOR G.S. 130A-335(a2)/SL2022-11

PIN/Lot Identifier: TBD

Issued To: Julie Breedlove

Property Location: TBD Poplar Forest Drive

AOWE/PE Plans/Evaluations Provided: Yes  No  If yes, name and license number of AOWE/PE: Walker Ferguson #10001E

Facility Type: 4 Bedroom House

New  Expansion  Repair  System Relocation

Basement?  Yes  No Basement Fixtures?  Yes  No

Type of Wastewater System\*\* Type III G - 25% Reduction (Initial) Type III G - 25% Reduction (Repair)

Design Daily Flow: 480 GPD Wastewater Strength:  domestic  high strength  industrial process

Session Law 2014-120 Section 53, Engineering Design Utilizing Low-flow Fixtures and Low-flow Technologies?  Yes  No

**Installation Requirements/Conditions**

Septic Tank Size: 1000 gallons Total Trench/Bed Length: 240 feet Trench/Bed Spacing: 9 feet on center

Drainfield square footage: 960 Trench/Bed Width: 36 inches LTAR: 0.5 gpd/ft<sup>2</sup>

Soil Cover: 6 inches Slope Adjusted Maximum Trench/Bed Depth: 18 inches

Aggregate Depth: \_\_\_\_\_ inches above pipe \_\_\_\_\_ inches below pipe \_\_\_\_\_ inches total

Pump Tank Size (if applicable): \_\_\_\_\_ gallons Requires more than 1 pump?  Yes  No

Pump Requirements: \_\_\_\_\_ ft. TDH vs. \_\_\_\_\_ GPM Grease Trap Size (if applicable): \_\_\_\_\_ gallons

Distribution Method:  Serial  D-Box or Parallel  Pressure Manifold(s)  LPP  Other: \_\_\_\_\_

Artificial Drainage Required: Yes  No  If yes, please specify details: \_\_\_\_\_

**Legal Agreements** (If the answer is "Yes" to any type of legal agreements, please attach a copy of the agreement.)

Multi-party Agreement Required [.1937(h)]: Yes  No

Easement, Right-of-Way, or Encroachment Agreement Required [.1938(j)]:  Yes  No

Declaration of Restrictive Covenants:  Yes  No

**\*\*If applicable:**  
I understand the system type specified is different from the type specified on the application. I accept the specifications of this permit.  
Owner/Legal Representative Print Name: \_\_\_\_\_  
Owner/Legal Representative Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Pre-Construction Conference Required: Yes  No

Conditions: \_\_\_\_\_

The construction and installation requirements of Rules .1950, .1952, .1954, .1955, .1956, .1957, .1958, and .1959 are incorporated by reference into this permit and shall be met. Systems shall be installed in accordance with the attached system layout.

AOWE/PE Print Name: Walker Ferguson

AOWE/PE Signature: [Signature] Date: 5/3/2023

This AOWE/PE submittal is pursuant to and meets the requirements of G.S. 130A-335(a2) and (a5).

\*See attached site sketch\*

County: Watauga  
394566

IMPROVEMENT PERMIT FOR G.S. 130A-335(a2)/SL2022-11

PIN/Lot Identifier: TBD

Issued To: Julie Breedlove

Property Location: TBD Poplar Forest Drive

Subdivision: Poplar Forest Lot #: 64 Block: \_\_\_\_\_ Section: \_\_\_\_\_

LSS Report Provided: Yes  No

If yes, name and license number of LSS: Land Resource Management--Walker Ferguson #1289

New  Repair  Expansion  System Relocation

Proposed Structure: 4 Bedroom House

Proposed Wastewater System Type: III G - 25% Reduction (Initial) Type III G - 25% Reduction (Repair)

Fill System:  Yes  No If yes, specify:  New  Existing (when adding more than 6 inches of fill to system area please provide a fill plan)

Proposed Design Daily Flow: 480 GPD Proposed LTAR (Initial): 0.5 Proposed LTAR (Repair): 0.5

Design Wastewater Strength:  domestic  high strength  industrial process

Number of bedrooms: 4 Number of Occupants: 8 Other: \_\_\_\_\_

Pump Required:  Yes  No  May be required based upon final location and elevations of facilities

Artificial Drainage Required:  Yes  No If yes, please specify details: \_\_\_\_\_

Type of Water Supply:  Private well  Public well  Municipal Supply  Spring  Other: \_\_\_\_\_

Drainfield location meets requirements of Rule .1945: Yes  No

Drainfield location meets requirements of Rule .1950: Yes  No

Permit valid for:  Five years [site plan submitted pursuant to GS 130A-334(13a)]  No expiration [plat submitted pursuant to GS 130A-334(7a)]

Permit conditions:  
\_\_\_\_\_  
\_\_\_\_\_

Licensed Soil Scientist Print Name: Walker Ferguson

Licensed Soil Scientist Signature:  Date: 5/3/2023

The LSS evaluation is being submitted pursuant to and meets the requirements of G.S. 130A-335(a2).

\*See attached site sketch\*

**This Section for Local Health Department Use Only**

Initial submittal received: 5-8-23 by [Signature]  
Date Initials

Permit Number: 394566

G.S. 130A-335(a4) states the following: 'If a local health department fails to act on an application for an improvement permit submitted pursuant to subsection (a3) of the section within 10 business days of receipt of a complete application, the local health department shall issue the improvement permit.'

In accordance with G.S. 130A-335(a3) the improvement permit application is:

Incomplete (If box is checked, information in this section is required.)

The following items are missing:

\_\_\_\_\_  
\_\_\_\_\_

Copies of this were sent to the LSS and the Owner on \_\_\_\_\_  
Date

State Authorized Agent: \_\_\_\_\_ Date: \_\_\_\_\_

Denied (See attached report.)

Copies of this were sent to the LSS and the Owner on \_\_\_\_\_  
Date

State Authorized Agent: \_\_\_\_\_ Date: \_\_\_\_\_

Complete

State Authorized Agent: [Signature] Date of Issuance: 5/9/23

This Improvement Permit is issued pursuant to G.S. 130A-335 (a2), (a3), and (a4) using the signed and sealed LSS/LG evaluation(s) attached here. The issuance of this permit by the Health Department in no way guarantees the issuance of other permits. The permit holder is responsible for checking with appropriate governing bodies in meeting their requirements. This site is subject to revocation if the site plan, plat, or the intended use changes, or if information submitted in the application was falsified, inaccurate or misleading. The Improvement Permit shall not be affected by a change in ownership of the site. This permit is subject to compliance with the provisions of the Laws and Rules for Sewage Treatment and Disposal and to conditions of this permit. The location and identification of all property lines, easements, water lines, and other appropriate utilities shall be the responsibility of the owner.

The Department, the Department's authorized agents, and the local health departments shall be discharged and released from any liabilities, duties, and responsibilities imposed by statute or in common law from any claim arising out of or attributed to evaluations, submittals, or actions from a licensed soil scientist or licensed geologist pursuant to GS 130A-335(a2).

Improvement Permit Expiration Date: 5/9/2028

\*See attached site sketch\*