

602,101
PROPERTY/SEQUENCE # 11624

PERMIT NUMBER 2402

OWNER Oliver Reitzel

Alexander County Health Department Operation Permit

System Type: IIa
(In Accordance With Table Va)

Types V and VI systems expire in 5 years.
Owner must contact health department 6 months prior to expiration for permit renewal.

Shannon Parkers
Authorized State Agent

Derek Barnes
System Installer

10-14-19
Date of Operation Permit Issuance

This system has been installed in compliance with applicable North Carolina General Statutes, Rules for Sewage Treatment and Disposal, and all conditions of the Improvement Permit and Construction Authorization.

- I. Performance: System shall perform in accordance with Rule .1961.
II. Monitoring: As required by Rule .1961.
III. Maintenance: As required by Rule .1961. Other: _____

Subsurface system operator required? Yes _____ No _____
If yes, see attached sheet for additional operation conditions, maintenance and reporting.

- IV. Operation: _____

V. Other: _____

*system installed as drawn.

502360
Property/Parcel ID # 11624PERMIT # 2402

OWNER/APPLICANT

Oliver Reitzell

ALEXANDER COUNTY ENVIRONMENTAL HEALTH

Call (828) 632-1000 ext.2 between 8:00 – 9:00 AM, Mon-Fri.

Physical address: 151 West Main Ave. Taylorsville 28681

Mailing Address: 621 Liledoun Rd. Box 11, Taylorsville 28681

Improvement Permit / Construction Authorization

Site Location Oliver Reitzell 911 Huckleberry Ridge Rd.Old 90 E. O'Leathan Ford Rd. (R) Huckleberry Ridge Rd.,
9/10 mile to property on (L)

Subdivision _____ Lot # _____

Lot size 24.68 A

- ☒
- Improvement permit
-
- ☐
- Repair permit
-
- ☐
- Auth. Exist System
-
- ☒
- Auth. for Waste Water
-
- System Construction
-
- ☐
- Expansion

Type of structure Apt./Barn
Max # of occupants 4 # bedrooms 2 # baths 1
Projected daily flow 240 GPD
Type of water supply Public
Basement Yes No Basement plumbing Yes No
Pump required Yes _____ No ✓
Garb. Disposal Yes _____ No ✓

Septic System

Septic Tank Size 1000 Stb 160
Pump Tank Size _____ Stb _____
Installed by D. Barnes
Nitrification Field 800 Sq.Ft.
Number of lines 3
Length and width of lines 3x90
Trench spacing 9+ Feet on center
Total trench length 270
Max trench depth 30

Site Evaluation

Restrictive Horizons (in.) (Impervious Strata, Rock)	<u>m/rock</u>	S	(PS)
Soil Depth (in.)	<u>45</u>	(S)	PS
Soil Permeability (Application Rate)	(<u>3</u>)	S	(PS)
Site Classification	<u>PS</u>	S	(PS)

Soil cover 15-18 inches
Aggregate Depth: 12 inches total
4 inches below pipe
2 inches above pipeProposed System Type: Initial Conv. Gravel
Repair Conv. Gravel

Permit Conditions: See attached sheet

Improvement Permit

*A building permit cannot be issued
with only an Improvement PermitBy Bert GibsonDate 5-2-19* permit valid ✓ 5years
for: _____ No expiration

Construction Authorization

* Required for Building Permit

By Bert GibsonDate 5-2-19

*Permit valid for 5 years

The issuance of this permit does not preclude the Permittee from complying with any and all statutes, rules, regulations, or ordinances which may be imposed by other government agencies (local, state, and federal) which have jurisdiction. As a condition of the permit, the reference point(s) must be maintained by the owner and/or applicant until the wastewater system is installed or the permit has expired. The construction and installation requirements of Rules .1950.1952, .1954, .1955, .1956, .1957, .1958, and 1959 are incorporated by reference in the permit and shall be met. Systems shall be installed in accordance with the attached system layout. The Improvement Permit and Construction Authorization are subject to compliance with the provisions of the Laws and Rules for Sewage Treatment and Disposal and to the conditions of this permit. * Note: GS 130A-336(b) GS 130a-335(f). The following shall apply to the application and the Improvement Permit/ Authorization for Wastewater Construction, if one is issued. The Improvement Permit/Authorization for wastewater construction shall become invalid immediately if the site plan, plat, or intended use changes. For example: 1) Increasing the size of the home or number of bedrooms. 2) Relocation of the house site or altering size and location of the lot. 3) Grading, cutting or filling the area designed for the sewage system and the 100% repair area or the location of a driveway, utilities, mulch beds, gardens, etc. on these areas. After the installation of the septic tank system, landscaping should be done in such a way as to direct the movement of water, surface and/or internal, away from the septic tank system and repair area. 4) The placement of or discovery of an existing well which is too close to the sewage system and repair area, as required by state law. 5) Anything else which occurs that would cause the permit to become void as stated in Article 11 Chapter 130 A of the General Statutes of North Carolina. * Note: The lot size dimensions were provided by the owner and/or applicant. Also, there is no guarantee that this system or any other will function satisfactorily for any given period of time. The Construction Authorization shall not be transferred when there is a change in ownership of the site.

I have read and fully understand the above.

Revised 4/12/2019

Sign

Oliver Reitzell

Date

5-8-19

Alexander County Environmental Health Department
6125 Hwy 16 South Taylorsville, N.C. 28681
(828) 632-1000 ext # 311

Permit # 2402
Owner: Oliver Reitzell
Date: May 2, 2019
EHS Bert Gibson

CONDITIONS OF PERMIT:

The issuance of this permit does not preclude the Permittee from complying with any and all statutes, rules, regulations, or ordinances which may be imposed by other government agencies (local, state, and federal) which have jurisdiction.

25% Space Reduction System Permit Conditions:

270 Linear Feet of **25% Space Reduction System**

1000 Gallon Septic Tank

2 Drop / Distribution Boxes Flow Dividers

Owner / Applicant may consult with Installer/Soil Scientist/Engineer about other experimental and innovative alternatives.

See attached sketch for system layout

Gutter drains shall be routed around septic fields

See attached diagrams for installation specifications.

Septic Tank Contractor shall call prior to installation of Septic System Mon. through Fri. 8-9 am.

The Applicant, Owner, Builder, shall be responsible for plumbing the home to ensure that a gravity Septic System can be installed. The Septic Tank shall not be installed deeper than 6 inches below the surface of the natural ground level, or a pump shall be installed.

Surface Diversions and/or Interceptor Drains may be required in the future.

Well shall be located a minimum of 100' from any designated Septic area in accordance with Rule .1950 & .1956(b).

Nitrification fields and repair areas shall not be located under paved areas or areas subject to vehicular traffic.

All Septic Tank and/or Pump Tank risers shall have secured lids.

ALEXANDER COUNTY ENVIRONMENTAL HEALTH

Phone: (828)632-1000 Fax: (828)632-1354

IMPROVEMENT PERMIT DIAGRAM

Installer: D. Barnes

Issued Permit # 2402

Date: 5-2-19

Owner: Oliver Reitzell

EHS: Bert Gibson

Operation Permit Completed: 10-14-19

EHS: Shannon Parker, R3

