

MOORE COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SECTION
OPERATION PERMIT

Repair
4 BR System
Lot 45A

Owner: Rudolph Lindsey Address: 97 Lakeside Drive W. Pines, NC
Permit # 11347 Receipt # _____ LRK# 36128
Installer: Don Gaddy Telephone: 910-245-3066
Address: 164 McDonald Road Edinboro, Cameron, NC
System Type: pump to chamber tech (Unit 4) Maximum Design Flow: 480 (gallons/day)
Wastewater Characteristics: domestic
Septic Tank Capacity: 1000 (Gallons) Tank I.D. # STB-103 BTS-1000
Pump Tank 1000 PT-214 BTS-100
Nitrification Line Dimensions: 3' x 30', 34', 34', 42', 22', 38' (200' total)
Effluent Distribution Device: sewer Gravel Depth: AC/1A
Depth To: Top of Tanks: 6 (Inches) Trench Bottom: 18 (Inches)

Diagram of Actual Installation: (Depict Property Boundaries, Structures, Driveways, Trees, Water Lines, Water Supplies, Etc.)

Scale: _____ Inch = _____ Feet.

- see attached O.A. checklist

Comments and Conditions: _____

Issued By: [Signature] # of Attachments: 1
Date: 9-4-15

FINAL APPROVAL OF THIS SYSTEM SHALL INDICATE THAT THE SYSTEM HAS BEEN INSTALLED IN ACCORDANCE WITH APPLICABLE PERMIT CONDITIONS, LAWS AND RULES, BUT IN NO WAY SHOULD BE TAKEN AS A GUARANTEE THAT THE SYSTEM WILL FUNCTION SATISFACTORILY FOR ANY GIVEN TIME.

Rudolph Lindsay
11347
9-4-15

County Health Department Operation Permit Checklist

1. LOCATION AND SEPARATION DISTANCES

- A) System meets .1950 setback requirements
- B) Distance from system to any wells > 100ft
- C) Distance from septic tank to foundation 10ft
- D) Distance from system to all property lines 25ft

2. SEPTIC TANK

- A) Visually inspect the exterior walls and top of the tank
- B) Visually inspect the inlet and outlet interior walls, baffle, tee, lids, air vent, bottom, and water tight outlet
- C) Date of tank manufacture
- D) Tank serial number STB-103, BTS-1000 AT-214, BTS-1000
- E) Liquid capacity of tank 1000 gallons
- F) Concrete Compressive Strength psi
- G) Elevations: Inlet Outlet (must be 2" lower than inlet w/ 9" freeboard present)

3. SUPPLY LINE TO TRENCHES

- A) Grade (1/8 inch per foot minimum)
- B) Supply line material PVC
- C) Diameter 2 in
- D) Length 50ft
- E) Distance from tank to drainfield/distribution device 50ft

4. DISTRIBUTION DEVICE(S)

- A) Type sewer
- B) Is Device water tight
- C) Minimum of 2 feet undisturbed earth to trench
- D) Proper center to center trench spacing maintained?
- E) Is the device on a solid foundation All outlet inverts properly adjusted
- F) Does the device perform according to its design specifications YES NO
- G) Inlet and outlet elevations: INLET OUTLETS:

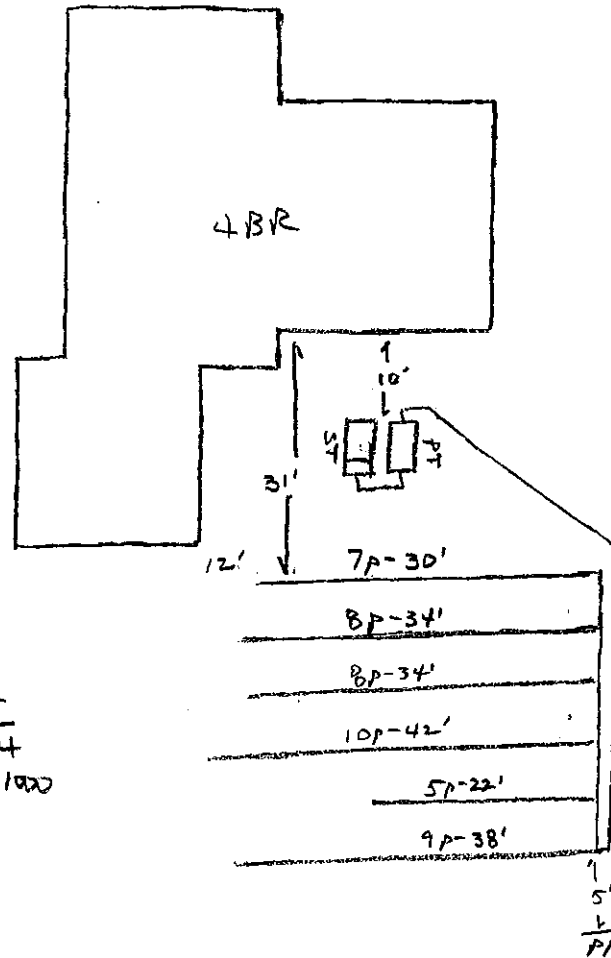
5. NITRIFICATION FIELD

- A) Trench depth 18 inches
- B) Trench width 36 inches
- C) Trench spacing: 6ft Quick Y
- D) Number of trenches 6
- E) Length(s) of trenches spacing on bank 200ft total
- F) Aggregate depth N/A inches
- G) Aggregate material: ROCK SYNTHETIC
- H) Trench elevations (record on reverse of sheet)
- I) Step downs
 - a. Minimum of 2' of undisturbed earth
 - b. Proper rise over step down
 - c. Solid pipe used
 - d. Elevations of step downs (Record elevations and show on as built)

See "as built" plan on attached sheet.

Don Duddy, installer

As installed
Not to scale



~ 50' 2" PDL
pressure line

6' on center
200" total line

ST
STB-103
BTS-1000

PT
PT-214
BTS-1000

Quirk 4

← 97 Lakeview Drive →