Repair
4 BR System
Lot 45A

MOORE COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SECTION
OPERATION PERMIT

Owner: Rudolph Lindsey Address: 97 Lakeview Drive Wh. Pines, NC

Permit # 11347 Receipt # _____ LRK# 36128

Installer: Dan Geddy Telephone: 910.245-3066

Address: 164 McDonald Road ~~this~~ Cameron, NC

System Type: pump to chamber tech (Quick4) Maximum Design Flow: 480 (gallons/day)

Wastewater Characteristics: domestic

Septic Tank Capacity: 1000 / 1000 Pump Tank (Gallons) Tank I.D. # STB-103 BTS-1000 / PT-214 BTS-100

Nitrification Line Dimensions: 3' x 30', 34', 34', 42', 22', 38' (200' total)

Effluent Distribution Device: Serial Gravel Depth: AC/IA

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 OP checklist

Comments and Conditions: _____

# of Attachments: 1

Issued By: [signature] 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 Lindsey
#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 ≥ 5ft

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 (PT BTS-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 2in
   - D) Length ~50ft
   - E) Distance from tank to drainfield/distribution device ~50ft

4. DISTRIBUTION DEVICE(S)
   - A) Type Serial
   - 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 Quick4
   - D) Number of trenches 6
   - E) Length(s) of trenches see drawing on back 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 Caddy, installer

As installed
Not to scale