

# County Health Department

## Operation Permit Checklist

### 1. LOCATION AND SEPARATION DISTANCES

- A) System meets .1950 setback requirements \_\_\_\_\_
- B) Distance from system to any wells \_\_\_\_\_
- C) Distance from septic tank to foundation \_\_\_\_\_
- D) Distance from system to all property lines \_\_\_\_\_

### 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 \_\_\_\_\_
- E) Liquid capacity of tank \_\_\_\_\_ 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 \_\_\_\_\_
- C) Diameter \_\_\_\_\_
- D) Length \_\_\_\_\_
- E) Distance from tank to drainfield/distribution device \_\_\_\_\_

### 4. DISTRIBUTION DEVICE(S)

- A) Type \_\_\_\_\_
- 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 \_\_\_\_\_ inches
- B) Trench width \_\_\_\_\_ inches
- C) Trench spacing: \_\_\_\_\_
- D) Number of trenches \_\_\_\_\_
- E) Length(s) of trenches \_\_\_\_\_
- F) Aggregate depth \_\_\_\_\_ 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.**