

percolation Test on 2390 Pea Ridge Fire Tower Road

TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION DIVISION OF WATER RESOURCES PERMIT FOR CONSTRUCTION OF SUBSURFACE SEWAGE DISPOSAL SYSTEM

<p>Issued to: <u>Paul Haagsma</u> Owner, Developer, Contractor, Installer, Etc.</p> <p>Location: <u>2390 Pea Ridge Fire Tower Road</u> <u>Celina, TN 38570-</u> County: <u>Clay</u> Map/Group: - <u>Parcel 0</u> Subdivision: Lot:</p> <hr/> <p>Installation: <input checked="" type="checkbox"/> 1. New Installation <input type="checkbox"/> 2. Repair to Existing System <input type="checkbox"/> 3. System Modification</p> <p>Establishment: <input checked="" type="checkbox"/> 1. Residential: # Bedrooms <u>4</u> <input type="checkbox"/> 2. Other: _____ Gal/Day <u>0</u></p>	<p>Evaluation Based Upon:</p> <p><input type="checkbox"/> 1. Soil Typing by Soil Scientist <input type="checkbox"/> a. General <input type="checkbox"/> b. High Intensity <input type="checkbox"/> c. Extra High Intensity <input type="checkbox"/> 2. Soil Percolation Test <input checked="" type="checkbox"/> 3. Environmental Specialist</p> <p>Estimated Absorption Rate: <u>75</u> MPI</p> <hr/> <p>Approval Based Upon: State No. <u>T.C.A. 68-221-403</u></p> <p><input type="checkbox"/> (c) Percolation Test <input type="checkbox"/> (d) Grandfather clause - Current standards except those specified. <input type="checkbox"/> (f) 12" (karst) and 6" (non-karst) buffer required</p>	<p>Type of System:</p> <p><input checked="" type="checkbox"/> 1. Conventional <input type="checkbox"/> 2. Modified Conventional <input checked="" type="checkbox"/> 3. Conventional System Substitute <input checked="" type="checkbox"/> Chamber <input type="checkbox"/> Expanded Polystyrene <input checked="" type="checkbox"/> Large Diameter Gravelless Pipe Gravel backfill in a 24" wide trench <u>yes</u> required? <input type="checkbox"/> 4. Low Pressure Pipe <input type="checkbox"/> 5. Mound <input type="checkbox"/> 6. Lagoon <input type="checkbox"/> 7. Subsurface Drip System <input type="checkbox"/> 8. Other</p> <hr/> <p>(i) 9" buffer required (24"-36" total soil depth) <input type="checkbox"/> (k) Grandfather clause - meets June 30, 1990 standards (repair only) <input checked="" type="checkbox"/> Current Standards <input type="checkbox"/> Other: _____</p>
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This system shall consist of a two compartment septic tank holding 1000 gallons, with 500 linear feet in 4-5 trenches, 36 inches wide and 24 (min) to 24 (max) inches deep. (Depth of gravel: 12 inches)

General Comments:

Also required:

- 1. Soil Improvement Practice (SIP)
 - Curtain Drain
 - Drawdown Drain
 - Interceptor Drain
- 2. Flow Diversion Valve
- 3. Sewage Pump
 - Pump Flow Rate (gpm) _____
 - TDH (ft) _____
- 4. Other: _____