



FULL CIRCLE ENVIRONMENTAL, LLC.

"ENVIRONMENTALLY CONSCIOUS TODAY FOR A CLEANER TOMORROW"

September 24, 2019

RE: Septic System Point of Sale (POS) Inspection 1345 Dry Creek Rd., Harnett County NC

On September 24, 2019 a POS system inspection was conducted by field staff for the above-referenced location.

At the time of the inspection, no permits were identified by the local health department and the property was publicly noticed on site as being required to be evaluated by the Harnett County Health Department's Environmental Health Section.

The system could not be fully evaluated because of the lack of use, no system documentation, and the inability to locate all components. However, there have been some observations and recommendations provided.

Findings/Recommendations

- 1- The septic tank was uncovered and was approximately 6" deep. The tank had an 18" by 18" inlet access and approximately a 6" by 6" outlet access. The tank is a single compartment with a deteriorated outlet tee and the tank appeared to be leaking (level was at the tank seam. Given the concerns of this tank (age, single compartment, not watertight) it is recommended this tank be abandoned and replaced with a NC State approved septic tank to match the design capacity and access opening risers be provided over both tank openings.

- 2- The outlet of the tank showed signs of an illicit connection (possibly a washing machine drain line. In addition the pipe material leaving the tank was very thin wall material (possibly SDR 35) and was showing signs on distortion. In order to be compliant, this connection must be eliminated and the pipe replaced.

- 3- The distribution box and drainlines could not be specifically located however the ground surface showed signs of possible trench location.

As noted above, this system appears to have no documentation and possibly be unpermitted. It is recommended the existing tank be replaced and a new drainfield be installed. Note that this must be coordinated with the Harnett County Health Department. Note also there are two potable wells located in close proximity of this residence and a water meter (County Water) appears to also be on this site. If the wells are not being used, a permit should be obtained and these wells should be abandoned. If there are in use, then water quality analysis should be performed to verify this water is safe.

If you have any questions, feel free to contact me directly at 919-625-5558 or Tim@fullcircleenv.com

See photos below

Tim Woody

Tim Woody

NC Certified Wastewater Subsurface System Operator (#313161)

NC Certified Wastewater System Inspector (# 56801)



Figure 1. Public notification on site



Figure 2. Inlet side of tank (leaking)

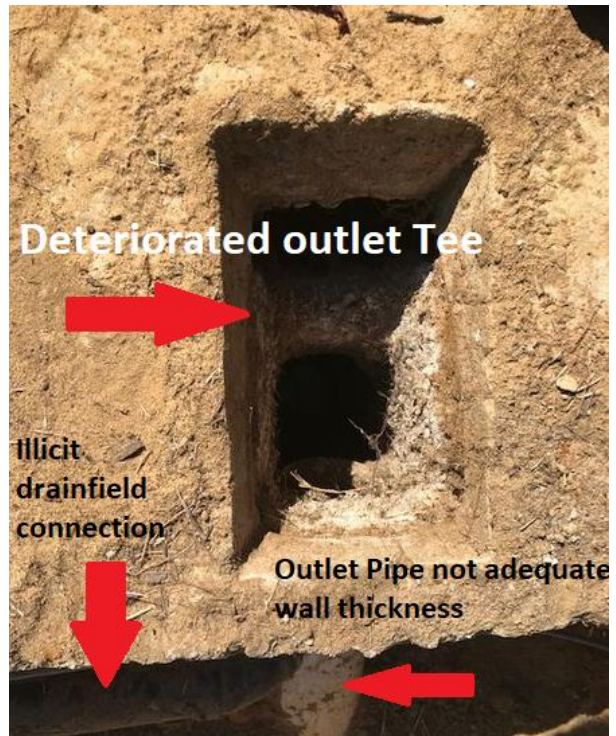


Figure 3. Outlet end of tank



Figure 4. Possible drainline location

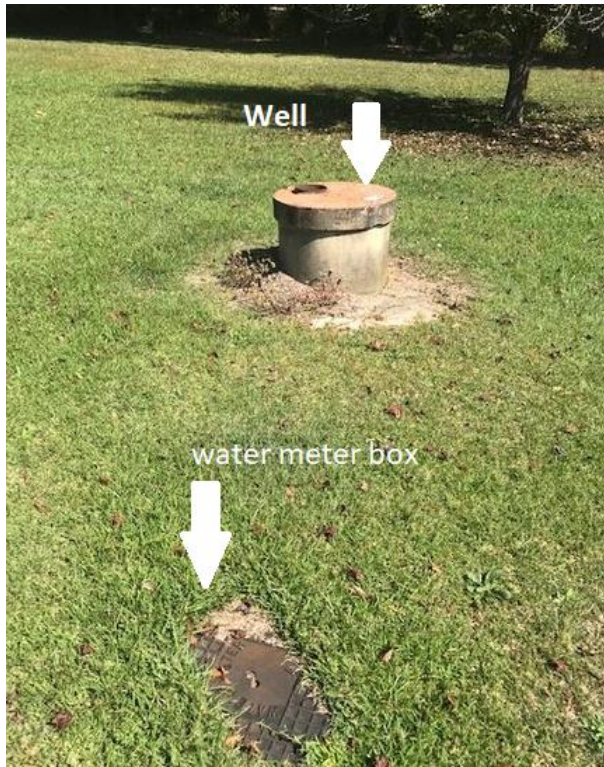


Figure 5. Water meter box and well



Figure 6. Second well location