

Job #35002691

Inspect-Septic Inspection Report

**The Water Specialist Inc. 608 Cornerstone Ct Hillsborough, NC 27278
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****Note:** This report does not represent an exhaustive examination of the septic system. It is intended to serve as a guideline to suggest present operating conditions. For optimum use of this septic system it is best to follow all guidelines given by the county Environmental Health staff. It is recommended that the septic tank be pumped every 3 to 5 years.

- This point of sale inspection is not intended in any way to offer any past or future performance evaluation of this septic system. The size of the system noted is only provided if permit information is available. Only the county can determine the size of any septic system.

Name

Mary Kelley (agent)

Address

114 Wester Road, Henderson, NC 27537 USA

Date

3/17/2022

Inspector

Evan Watkins Insp. Cert# 6214I

Was septic tank pumped at the time of inspection? (the state recommends that all age tanks be pumped from both the inlet and outlet chambers at the time of inspection. Our policy is that we require pumping upon inspection on systems installed in the 1980s and older but only recommend pumping on systems newer than this)

☒ Yes pumped from both chambers



Did client decline pumping tank for the inspection? (clients may elect not to have a tank pumped upon inspection if installed after 1990)

☒ No, Tank was pumped at the time of inspection

Weather conditions upon inspection: (adverse wet conditions may influence inspection findings)

☒ Wet and raining

Conditions that may have hindered inspection:

- ☒ The system was inspected without the aid of the originally issued permit. The permit states the number of bedrooms for the system design and the location of components.
- ☒ Access was not available to all components. (see notes)

"The septic tank was noted to be partially under the back patio. This would make it difficult to access the inlet side of the septic tank if any issues arose on that side."

Permit information:

Existing permit located? (Older systems may not have a permit)

☒ No-permit could not be located by the county

Rated # of bedrooms per permit or MLS listing? (bedrooms of the house are determined by what is permitted on the septic permit)

☒ Unknown, Permit not available

Repair area noted on permit/Repair area approx location.(Older properties may not have a designated repair area)

☒ No permit available

Approx. year system was installed:

1960's estimated

Type of system: (system type can vary with age and site conditions)

☒ Conventional

Is system permitted for Garbage disposal? most counties will only allow a garbage disposal with a special permit)

☒ Not permitted

Certified operator required? (county/state require some systems to be maintained by a certified operator)

☒ Not required

Septic tank information:

Location of septic tank

☒ Rear of house



Tank accesses buried or accessible with risers? (tanks without risers must have accesses dug up to be serviced. Often tanks will have 1 riser for the inlet access and the outlet access will be buried underground)

☒ Buried

Approx. depth to top of the tank:

☒ 12-24"

Do we recommend installing riser(s) ? (this will prevent digging up the yard in the future)

☒ Yes on outlet only

Distance from septic tank to well: (Minimum distance 100' per current code; older properties may predate set back requirements)

☒ Less than 100' (see notes)

"98' to the well "

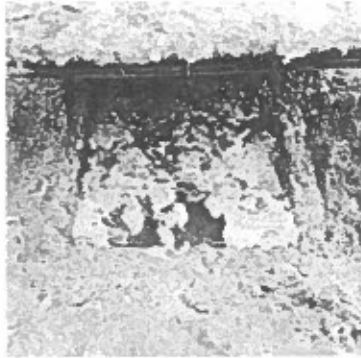
Distance from septic tank to structures and/or pool: (Minimum distance 10' to building, 25' to pool; older properties may predate setback requirements)

- ☒ Less than 10' to structure (see notes)
- ☒ No pool present

"5' to the house"

Upon opening the tank, the water level was:

- ☒ Above what the proper operating level should be



"At the time of the inspection the septic tank was noted to be backing up. The water level was above both the inlet and outlet pipes."

Evidence of a sewer back up? (backups could indicate repairs are needed)

- ☒ Yes (see notes)

"At the time of the inspection the septic tank was noted to be backing up. The dispersal field was not accepting any water and the water level inside the tank was above both the inlet and outlet pipes. "

Inlet of septic tank:

Inlet riser present/Condition?

- ☒ Not present

Inlet pipe visible with proper fall? (settling may have caused inlet pipe to have improper fall)

- ☒ Yes
- ☒ Proper grade present



Inlet pipe above static water level? (an inlet pipe below the water level may cause a back up in the sewer line)

- ☒ No (see notes)

"At the time of the inspection the water level was noted to be above the inlet pipe. "

Root growth around inlet pipe/access lid? (root growth may cause a problem with tank functions)

- ☒ No

Approx. scum level in 1st chamber: (excessive solids will result in tank needing to be pumped)

- ☒ 2-4"

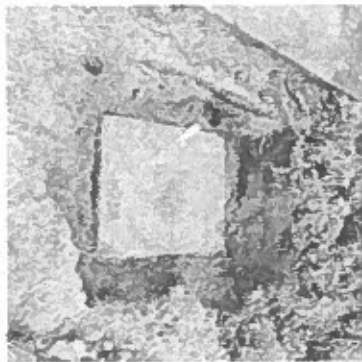
Approx. sludge level in 1st chamber: (excessive solids will result in tank needing to be pumped)

- ☒ Over 12"

Outlet of septic tank:

Outlet riser present/Condition?

☒ Not present



Outlet pipe visible with proper fall? (this is the pipe leaving the tank and feeding the drain-field)

☒ Yes

☒ Proper grade present



Precast wall or sanitary tee present / in-tact? (older tanks may have a concrete wall at the outlet that is prone to deterioration)

- ☒ No
- ☒ Not intact
- ☒ Terra Cotta



"The Terra Cotta tee was noted to be broken off and in the bottom of the septic tank. This should be repaired by a licensed septic contractor. "

Is there an outlet filter present and needs cleaning? (newer tanks have an outlet filter that needs to be cleaned annually)

- ☒ Not present

Do we recommend installing a filter?

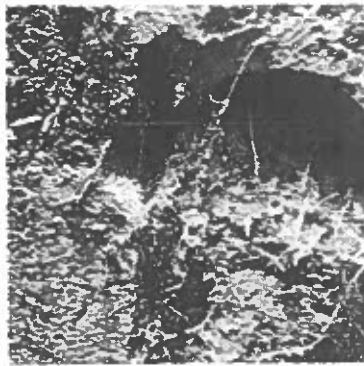
- ☒ Not recommended

Has ground settling caused this filter tee to move?(Ground settling may cause tee to break or not work correctly)

- ☒ No settling noted

Root growth around outlet pipe/access lid?(root growth may cause a problem with tank functions)

☒ Yes (see notes)



"There appears to be some root intrusion inside the outlet pipe. "

Approx. scum level in 2nd chamber: (excessive solids will result in tank needing to be pumped)

☒ 2-4"

Approx. sludge level in 2nd chamber: (excessive solids will result in tank needing to be pumped)

☒ Over 12"

Septic tank interior:

Possible to inspect tank interior/condition?(interior tank inspection may be difficult due to access and lighting)

☒ Yes

☒ Good



Baffle wall present/In-tact? (the baffle wall helps prevent solids from reaching the drain-field)

☒ No

Pump tank information:

Pump tank present? (some systems have a lift pump)

Pump tank riser present/above grade? (A riser flush with grade or to close to the ground could allow for surface water intrusion)

☒ N/A

Pump tank solids level? (excess solids levels may result in the need of pumping)

☒ N/A

Distance from pump tank to well: (Minimum distance 100' per current code; older properties may predate set back requirements)

☒ N/A

Lift pump operational? (pumps effluent from the tank to the drain-field)

☒ N/A

Alarm and/or pump floats operational? (controls the operation of the pump and alarm)

☒ N/A

Control panel present, operational and weather tight?

☒ N/A

Alarm functional? (without a working alarm there will be no warning of a problem)

☒ N/A

Alarm location?

☒ N/A

Dispersal field information:

Dispersal field located/inspected? (in some cases the drain-field is unable to be located)

☒ Yes

Dispersal field being used or idle? (Idle fields may not represent real operating conditions)

☒ Idle

Location of Dispersal field:

☒ Rear of house

☒ Left of house



Vegetation on drain-field acceptable? (saplings and un-monitored growth on the drain-field may cause problems)

☒ Yes



Confirmed delivery of water to the dispersal field? (the dispersal field should accept the water from the tank without backing up)

☒ No (see notes for reason)

"At the time of the inspection the dispersal field was noted to not be accepting any water. "

D-Box or Manifold Located/inspected?

☒ No D-box present

Valve box(es)/LPP turn ups found/accessible? (certain drain-fields may have operational parts that need to be inspected routinely)

☒ No valve boxes or turn ups present

Distance from dispersal field to well: (Minimum distance 100'; older properties may predate setback requirements)

☒ Greater than 100'

"105' to the well "

Distance from drain-field to structures and/or pool: (Minimum distance 10' to building, 25' to pool; older properties may predate setback requirements)

☒ Less than 10' to structure (see notes)

☒ No pool present

"2' to the house. Per homeowner the area of the house that is near the dispersal field is an addition to the home. "

Location of property lines to septic system components: (Minimum distance 10')

- ☒ Property lines unknown

Location of septic system components to pond, stream or other surface water: (Minimum distance 50')

- ☒ Greater than 50'

"300' from any septic component to the lake"

Inspection required by county? (some systems must be inspected by the county themselves every so often)

- ☒ Not required

Things to know about a septic system:

- Do not put too much water into the septic system; typical water use is about 50 gallons per day for each person in the family.
 - Do not add materials (chemicals, sanitary napkins, applicators, and so on) other than domestic wastewater.
 - Restrict the use of your garbage disposal. Garbage disposals are not allowed by some county Environmental Health Departments.
 - Do not pour grease or cooking oils down the sink drain.
 - Make a diagram showing the location of your tank drain-field and repair area or obtain the one that is on file at your local health dept.
 - Install a watertight riser over the septic tank to bring the access above ground level if this was not done at the time of original installation.
 - Periodically have the solids pumped out of the septic tank. Usually every 3-5 years. If the tank has a filter then it should be cleaned at this time. It is usually recommended that this be cleaned annually.
 - Maintain adequate vegetative cover over the drain-field. Do not allow saplings and brush to grow unchecked on the drain-field. Usually cutting miscellaneous growth on the drain-field at least once per year is adequate.
 - Trees located on or near any part of the septic system could result in root intrusion.
 - Make sure surface waters are diverted away from the tank and drain-field when possible.
 - Keep vehicles and heavy equipment off the septic system.
 - Do not plan any building additions, pools, driveways, or other construction work near the septic system or the repair area without consulting an Environmental Health Specialist in the county the system is located in.
- For more information about a septic system and the responsibilities associated with it, go to the following web site: <http://www.soil.ncsu.edu/publications/Soilfacts/AG-439-13/index.htm>

Notes regarding this septic system on the day of inspection:

** The septic tank was noted to be partially under the back patio. This would make it difficult to access the inlet side of the septic tank if any issues arose on that side.

** At the time of the inspection the septic tank was noted to be backing up. The water level was above both the inlet and outlet pipes.

** At the time of the inspection the septic tank was noted to be backing up. The dispersal field was not accepting any water and the water level inside the tank was above both the inlet and outlet pipes.

** There appears to be some root intrusion inside the outlet pipe.

** At the time of the inspection the dispersal field was noted to not be accepting any water.

Additional notes regarding this septic system on the day of inspection:(if needed)

- A licensed septic contractor should be contacted to address any noted repair or maintenance items noted within this inspection report.

This report does not constitute a guarantee or warranty, nor does it in any way represent future performance of the septic system. This inspection is a presentation of system facts in place on the date of inspection.

**Inspector
Signature**

A handwritten signature in black ink, consisting of the letters 'CPW' in a stylized, cursive font. The 'C' is a large loop, the 'P' has a tall stem, and the 'W' is formed by two connected loops.