On-site Wastewater Inspection

Pre-Inspection Contract, signed by Client is attached to Inspection

Property Address _____8246 US-401,___ Fuquay-Varina,____, NC,_____ 27526_____
Street. City State Zip code
Client Name: _____JEFF COBURN_____

Current owner of Record_____NOT AVAILABLE_____
Date of Inspection_____5/6/2024_____
_3__Advertised number of bedrooms as stated in MLS or as stated in attached sworn statement by owner or owner's representative.
__NA__Gallons per day for designed system size or number of bedrooms as stated in available local health department information.
__✓ __Inspection shall include any part of the system located more than 5 feet from the primary structure that is a part of the operations permit.
__ NA ___Copy of Operations permit from _____County Environmental Health Attached.
___NA__System requires a certified subsurface water pollution control system operator pursuant to G.S 90A-44
Current Operator's Name_____

Most recent performance, operation and maintenance reports are: □ attached. ✓ not available

Type of water supply ✓ Well □ Public Water. □ Community Water □Spring. □ NA

Location of Septic Tank and Septic Tank details:
__0_ft from house or structure
_NA__ft from well if applicable
_NA__ft from water line if applicable and readily visible
__NA__ft from property line if said property lines are known
__0in__distance from finished grade to top of tank or access riser
__✓ __Access riser(s) __✓ _yes__no Describe:___Under concrete driveway next to brick wall____
__X_Tank lids intact___yes_X_no Describe: __Broken plastic riser and broken concrete lid
___✓ _Tank has baffle wall_✓ __yes___no Describe condition of baffle wall:_____
___✓ _Inflow to tank is noted as sufficient
__NA___Inflow to tank is noted as insufficient or blocked
__X__Water level in tank is relative to tank outlet. Describe: water Below outlet pipe at crack level
_✓ __Outlet T is present__✓ _yes____no Describe condition of Outlet T:_ ____
__✓ __Outlet has filter__✓ _yes___no Describe condition of filter:__Plastic___
__X__Effluent leaves the outlet___yes__X_no. Describe : effluent to low to reach outlet.
__NA__Roots present in tank___yes_✓ _no Describe extent of roots:_____
__NA__Evidence of tank leakage Describe:___no but effluent is as low as crack on filter side_____
__NA__Evidence of non-permitted connections, such as downspouts or sump pumps
__✓ __Connection present from house to tank
__✓ __Connection present from tank to next component
__0%__percentage of solids in tank
____Unable to locate tank. System inspection cannot be completed until tank is located.

Date tank was last pumped_____ ■_unknown
Client requesting this inspection has been advised that for a complete inspection to be performed the tank needs to be pumped.

Client Signature_____ Date_____

Dispersal field: Type of system: _✓__Conventional ___Accepted ___Innovative
___Experimental ___Controlled ___Demonstration ___Pretreatment:
Type of Pretreatment_____No maintenance treatment_____
Brief Description of System Type ___Gravel trench, perforated pipes_____
__NA__ft from property line if property lines are known
___NA__ft from septic/pump tank
__3__# of lines
__NA__length of lines
__NA__Evidence of past or current surfacing at time of inspection Briefly
describe:_____
__NA__Evidence of traffic over the dispersal field
_NA__Vegetation, grading and drainage noted that may affect the condition of the system or system components

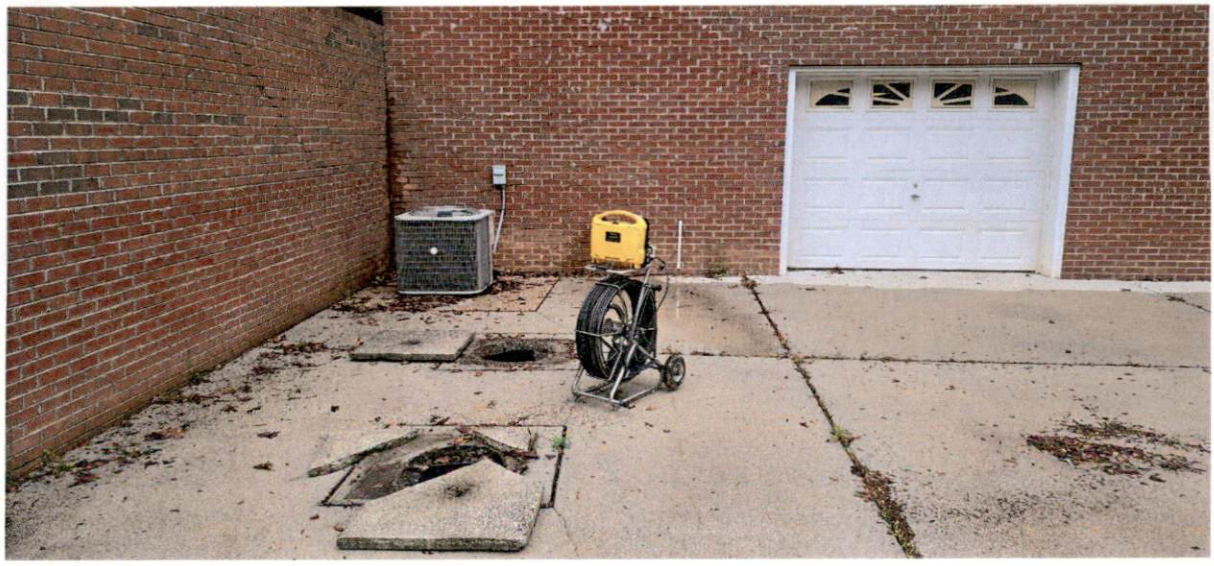
__NA__Effluent is reaching the dispersal field
__✓__Conditions present that prevented or hindered the inspection ■ Yes. □ No. Describe. Could not see further into lines due to dirt and sludge.
__✓__Adverse conditions present that require repair or subsequent observation or warrants further evaluation by the local health department.
Description of adverse condition:__ground Level tank may cause unwanted water to enter tank and cause oversaturation. Lids are also broken and make shift lids have been placed to compensate for ground level tank.
Consequences of the adverse condition: ____Danger to kids/adults/ equipment due to lids not being secure and broken. plastic risers are also broken and is causing vapor from tank to escape._____
Client should contact_____Harnett____County Environmental Health and /or a certified on-site wastewater contractor
Other pertinent facts noted during inspection:_____
_____

Inspector Name:_____Osfredi A Ordonez_____ Certification #____4358_____
Address____116 West Academy Street, Fuquay Varina_____
Phone_____919-552-0200_____
No representation, warranties or opinions are hereby given, written or expressed otherwise, as to the future performance of onsite wastewater system described herein. This onsite wastewater system inspection is a presentation of system facts in place on date of inspection.

Inspector Signature:__*Osfredi_ ordonez*__ Date____5/6/2024___

Inspection at current house

A septic tank is an underground chamber made of concrete, fiberglass, or plastic through which domestic wastewater flows for basic sewage treatment. Settling and anaerobic digestion processes reduce solids and organics, but the treatment efficiency is only moderate. Depending on the household and water usage, a septic tank may need to get pumped every 2 to 5 years.



Solids entering a septic tank are intended to remain there until pumped out during tank service. A large portion of solids settle to the bottom of the tank as sludge. Grease and floating scum remain at the top of the sewage in the tank. Baffles (discussed above) help keep solids, scum, and grease in the tank.

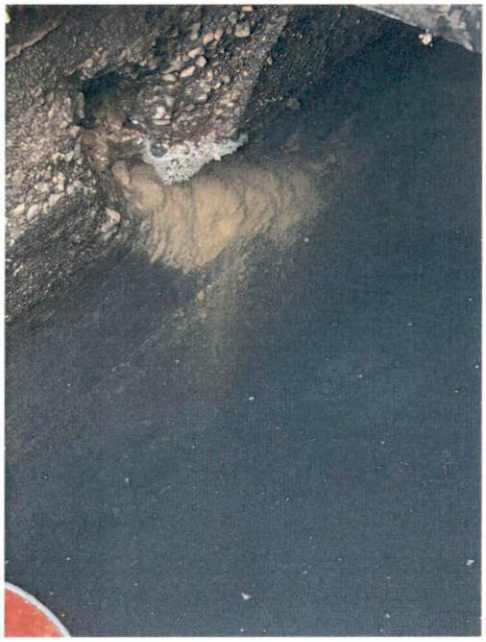


IMAGE TAKEN FROM SOLID SIDE. TECHNICIAN NOTICED FAIRLY LARGE CRACK ON SIDE OF TANK. RECOMMEND WATER TEST TO SEE IF LEAKING EFFLUENT.

A septic tank outlet filter protects the onsite system by filtering effluent as it leaves the septic tank, preventing solids and particulate matter from leaving and clogging the soil absorption field. The continued use and maintenance of the septic tank outlet filter protects the investment on your property. It is recommended the filter be cleaned every 3 to 6 months.

A septic tank's distribution box /pressure manifold (or a D-box) is a container that receives the septic tank effluent and re-distributes it into the network of attached drain fields and pipes. To put it simply, its job is to evenly distribute the wastewater into the leach field.

Drain field location

Septic drain fields, also called leach fields or leach drains, are subsurface wastewater disposal facilities used to remove contaminants and impurities from the liquid that emerges after anaerobic digestion in a septic tank. Organic materials in the liquid are catabolized by a microbial ecosystem. It disperses wastewater into trenches or pads dug below the ground surface, allowing the water to percolate into the soil for final removal of nitrogen and harmful bacteria. DON'T plant anything over or near the drain field except grass. Roots from nearby trees or shrubs may clog and damage drain lines. DON'T dig in your drain field or build anything over it. DON'T cover the drain field with a hard surface such as concrete or asphalt.Many things can cause a septic field to fail, but the primary culprit in septic field failure is overloading, either from too much water or biological overgrowth. Flooding the septic system – and eventually the septic field – with too much water can cause field failure

Over all how lines look.

Example of Good line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