



RURAL SEPTIC & DRAIN SERVICE LLC SEPTIC SYSTEM INSPECTION REPORT

123 Anywhere Road

Anytown, VT YEAR BUILT 2005

4/11/2025 10:00 AM ANR WW PERMIT # - NONE LOCATED (PRE 2007)

PREPARED FOR:	John Doe
PRESENT CONDITIONS	Overcast/ Light Drizzle
TYPE OF SYSTEM:	Conventional Gravity Fed <i>The conventional gravity fed septic system is a common on-site wastewater treatment system that relies on gravity to transport and treat sewage. It consists of a septic tank, a distribution box, and a drainfield (also known as a leach field) or drywell. The system works by having wastewater flow from the house into the septic tank, where solids settle and the liquid (effluent) is then discharged to the drainfield for further treatment by the soil before returning to the water table.</i>
INTERIOR MAINLINE	3" SCHEDULE 40 PVC / GOOD CONDITION
CORRECT PITCH	YES
ADEQUATE CLEANOUT ACCESS	YES (2) ON MAINLINE
KITCHEN SINK EQUIPPED WITH FOOD DISPOSAL:	NO <i>Using food disposals with septic systems can lead to several adverse effects, including increased sludge buildup, reduced tank capacity, and potential drainfield clogs. Overloading the system with food waste can overwhelm the bacteria that break down organic matter, leading to inefficient wastewater treatment and potentially contaminating groundwater.</i>

SUMP PUMP IN BASEMENT	NO <i>If a sump pump is necessary in basement or crawl space areas, always make sure to exhaust the water to an outside outlet and NOT the septic system. Disposing of sump pump water can lead to over working the septic drainfield.</i>
GREY WATER SYSTEM ONSITE	NO
SEPTIC TANK	
CAPACITY	1000 GALLONS
MATERIAL	CONCRETE
ACCESS RISERS INSTALLED	YES Over inlet and Outlet
INLET BAFFLE	CONCRETE WALL TYPE/ GOOD CONDITION
OUTLET BAFFLE	CONCRETE BOX TYPE/ POOR CONDITION
EFFLUENT FILTER INSTALLED	NO STRONGLY RECCOMEND INSTALLING AN EFFLUENT FILTER AS THE CONDITION OF THE OOUTLET BAFFLE IS DEGRADED DUE TO HYDROGEN SULFIDE GAS. INSTALLING AN EFFLUENT FILTER WILL KEEP MICROSOILIDS OUT OF THE LEACHING SYSTEM, GREATLY PROLONGING ITS USEFUL LIFE
SLUDGE SAMPLE:	A core sample was taken of the contents of the tank. This is an indicator of when the tank was last pumped. The owner stated that the tank was pumped in 2024 and the sample results are congruent with that time frame. Recommended pump out intervals are 3-5 years depending on usage.
SOLIDS	<1"
EFFLUENT	FULL DEPTH
SLUDGE	<2"
PUMPING RECCOMENDED:	IN 2027
OVERALL CONDITION OF TANK	GOOD
SIGNS OF PRIOR OVERFLOW	NONE
LEACHING SYSTEM	
TYPE	CONVENTIONAL PIPE IN STONE
OULET PIPE FROM TANK	4" SCH 35 SDR / GOOD CONDITION <i>The outlet pipe was viewed along its entire length via sewer camera and was found to be clean of free of scum, roots, breakage and obstructions. Staining only occurred on bottom 10th of pipe</i>

	<i>indicating NO prior backup from leachfield. Water flowed continuously and drained completely during flow test.</i>
LEACH PIPE	SINGLE LEG 4" PERFORATED SCH 35 SDR
DOES LEACHING SYSTEM HAVE VENTING IN PLACE? DOES LEACHING SYSTEM HAVE VENTING IN PLACE?	YES <i>A single stand pipe vent exists as shown in photo Currently vent pipe is covered with a wire mesh to keep out animals and debris however it is recommended that a gooseneck pipe fitting be installed on the vent to keep out snow, animals and debris.</i>
FLOW TEST PERFORMED	YES <i>water was flowed at full pressure from kitchen faucet for 20 minutes and observed via sewer camera in leach system. All water drained without hesitation and completely indicating a free flowing leach system</i>
DOES SYSTEM INCLUDE A PUMP SYSTEM	NO
PONDING ON SURFACE OBSERVED IN AREA OF LEACHFIELD	NONE
SOIL SATURATION OBSERVED	NONE
ODORS IN AREA OF LEACHFIELD	NONE
DEEP ROOTED VEGETATION IN LEACHFIELD	YES <i>Recommended cutting back sumac on both sides of leaching area to eliminate potential root infiltration into leaching system.</i>
SUMMARY The conventional gravity fed septic system at 64 Gleason Farm road is in overall good condition and is functioning as intended. It appears to have been properly maintained over its 20 year lifespan. Recommended repairs/upgrades include installing an effluent filter on the septic tank outlet to correct degraded outlet baffle, installation of a gooseneck fitting on vent stack pipe, and cutting back of sumac trees around leaching area. With proper maintenance the system should last for a good amount of years to come.	
DISCLAIMER <i>This report indicates the PRESENT condition of the onsite subsurface waste water treatment system at 64 Gleason Farm Road, Jamaica VT and does not warranty OR guaranty future performance in any way</i>	
INSPECTORS INFORMATION Scott Gordon, Owner-Operator Rural Septic & Drain Service LLC PO Box 175 Jamaica VT 05343 802-689-9774 ruralsepticservice@gmail.com	

LOCATION OF SYSTEM

