719-539-6078

July 11, 2024

RE: Thompson residence septic system service and inspection

Mr. Thompson,

Thank you for calling Poncha Pumping, LLC to perform a septic tank service and an inspection of the onsite wastewater treatment system (OWTS), located at 42 Holiday Hills Boulevard, Howard, CO 81233. I began by gathering public information on the property. The County Assessor's Office shows the home was constructed in 1995 as a 3 bedroom, 3 bathroom structure. The current real estate listing shows the home to be 4 bedroom, 3 bathroom. The structure was originally built and used as a church and has since been converted to a house. In our interview session, you stated the home has one full bathroom, one ¾ bathroom and one ½ bathroom.

My observation of the septic tank began when I pumped out the influent and effluent chambers of the septic tank. The tank was not overloaded and you stated the tank had been pumped about 3 years prior. The tank appeared structurally sound and both chambers had concrete risers with the lids less than 1 foot below grade. No evidence of infiltration of ground water or roots were observed. The influent and effluent baffles appeared to be in good working order. A flow test was done and the influent flow was observed with good flow and no bucking or gurgling. I pumped a little over a thousand gallons of waste, which confirms the tank size is 1,250 gallons.

My inspection concluded with an inspection of the drain field, aka leach field. I did not observe any observation ports or cleanouts, which is typical for a system of this vintage. Additionally, I did not observe a distribution box, which is also typical for a system installation in the mid 1990's. The field was visibly identifiable by vegetation growth, taller and darker than the surrounding vegetation. This type of contrast is common due to the soils within the drain field being cooler and a little more, moist. There does not appear to be any filtration or draining issues with the drain field.

The system components consist of a clean-out, at grade, 5' east of the east end of the house. Also close to the cleanout is an RV dump, collared by concrete. Both the clean-out and the RV dump appear to be in good functioning condition. The septic tank is located 25' east of the NE corner of the home and as mentioned, the

lids are buried less than a foot below grade. The beginning of the drain field is 38’ east of the septic tank and the drain field is roughly 45’ long and 18’ wide.

In conclusion, the OWTS was observed to be in good and functioning condition. This is a report of the observations of the system at the time of service and does not imply or warrant any components or performance in the future.

Respectfully,

Ted M. Senter
Poncha Pumping, LLC
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NAWT Lic #173121TC

Septic System Inspection Checklist Report

Date: 7-11-24 Contact Information: P: 719-539-6078

Technician Name: Ted Senter for Poncha Pumping, LLC Service Order No:

Customer Name: Dan Thompson

Address: 42 Holiday Hills Blvd, Howard, CO 81233

PRE-INSPECTION PROTOCOL

- [x] Verify customer information and reason for inspection
- [x] Check if any prior septic system records are available
- [x] Interview customer for history of septic issues, if any
- [x] Explain the process and safety measures to the customer
- [ ] Set up safety barriers, if necessary N/A

SITE EVALUATION

- [x] Check for easy access to the septic tank and drain field
- [x] Observe ground condition around the septic system
  - [x] Note any visible signs of system failure (e.g., standing water, odor) NONE OBSERVED
- [x] Measure and record the distance from the house to septic tank and drain field
- [x] Verify local building codes and regulations for compliance

INITIAL SYSTEM ASSESSMENT

- [x] Inspect condition of cover (e.g., cracks, damage)
- [x] Check liquid levels
  - [x] Above inlet pipe: Yes / (No)
  - [x] Above outlet pipe: Yes / (No)
- [x] Inspect baffles or tees
- [x] Measure scum and sludge layers
  - [x] Scum layer: 8 inches
  - [x] Sludge layer: 12 inches
- [x] Examine tank walls and bottom for cracks or leaks NONE OBSERVED
- [ ] Inspect effluent filter (if applicable) N/A
- [ ] Clean / Replace as necessary N/A
- [x] Check for unusual objects or substances (e.g., grease, foreign objects) NONE OBSERVED

DRAIN FIELD INSPECTION

- [x] Conduct a visual inspection of the drain field area
- [ ] Probe soil for signs of saturation or failure N/A
- [x] Check condition of inspection ports, if present
- [x] Verify effluent flow in the distribution box (if applicable) TANK INLET FLOW OBSERVED

SAMPLING (IF REQUIRED)

- [ ] Take liquid samples for laboratory analysis N/A
- [ ] Document sample details and time of collection N/A

ADDITIONAL SYSTEMS

- [ ] Inspect any pumps, siphons, or other mechanical components N/A
- [ ] Evaluate alarms and control panels N/A
- [ ] Check float switches and electrical connections N/A
- [ ] Examine any aerobic treatment units, if applicable N/A

Influent baffle, south chamber

Effluent baffle, north chamber

View of north chamber lid 25’ from home

View of south chamber riser looking towards the SE corner of the home. The sewer line runs from the SE corner of the home to this south chamber of the septic tank.