



4375 County Line Road, Chalfont Pa 18914
215-997-3299

October 12, 2018

Alderfer Auction

Location: 250 Forgedale Road, Barto Pa

To Whom It May Concern:

Background

As requested, **George Allen Wastewater Management** inspected the on-lot sewage disposal system at the above location on October 11, 2018. The house is approximately 63 years old and has 3 bedrooms. At the time of the inspection the home was occupied by 3 people. No permits were available at the time of the inspection.

Septic System

The septic system consists of a 1000 gallon (+/-), two-compartment septic tank that clarifies the wastewater passing through it. This tank is water tight and allows the solids to separate from the liquids to allow the partially treated effluent to discharge into an absorption area. The main cover of the septic tank was exposed which revealed a concrete tank that was at normal operating level. A new roof was recently installed on the septic tank. This roof only has access to the first compartment of the tank. The wall baffle was in good condition. It is unknown if the outlet baffle was intact. The tank may not have been manufactured with an inlet baffle. The owner stated that the washing machine gray water does not go into the septic tank. The far toilet from the tank was not seen entering the septic tank. The owner stated it was snaked about 4 years ago and does go to the tank. All plumbing is entering the slab in the basement. The cleanout pipe just before the tank is under a large bush.

Absorption Area

At the time of the inspection the absorption area was unable to be located. Further investigation will be needed. The owner made a pipe repair after the septic tank and it is believed to be before the absorption area. No crushed stone was found. We also found pvc pipe after the repair.

Conclusion

We are unable to verify that the on-lot wastewater treatment system is presently in satisfactory working condition as further investigation is needed. The absorption area will need to be located and evaluated. We will also need to investigate the flow from the far toilet and where the opening for the second compartment of the septic tank is. There is always a concern when the gray water bypasses the septic tank. Solids in the gray water may damage the absorption area. There is also a concern as the tank access is over 1' deep and the cleanout pipe is under the bush. This will make it difficult to service and diagnose problems.

Limitations

Based upon what we were able to observe and our considerable experience in on-site wastewater technology, we submit this letter as a report only of the present condition of the on-site sewage disposal system. **George Allen Wastewater Management** has not been retained to warrant or guarantee the proper functioning of the system for any period of time in the future. The location of the septic system in relationship to any property lines or easements and on site or neighboring wells was not verified. Because of the numerous factors, (water usage, excessive precipitation or draught conditions, soil characteristics, number of occupants, age, installation procedures, etc.) which may affect the proper operation of a septic system, as well as the inability of our company to supervise or monitor the use or maintenance of the system, this report shall not be construed as a warranty by **George Allen Wastewater Management** that the system will function properly for any particular prospective buyer, and **George Allen Wastewater Management** DISCLAIMS ANY WARRANTY, either expressed or implied, arising from the inspection of the septic system or report.

Thank you for allowing us the opportunity to be of service.

Sincerely,

Stephen Cross

General Septic System Tips

On-site septic systems can be very dependable when cared for with moderation and knowledge. The following tips can help aid in prolonging the life of your septic system:

- Space loads of laundry out during the week and avoid doing it all on the same day.
- Front load washing machines can cut the volume of laundry related wastewater by more than half.
- Be aware of any running toilets. Running toilet can add as much as 200 gallons per day.
- Make sure to check water treatment equipment. Minimize the number of backwash cycles.
- The use of garbage disposal is not recommended with a septic system.