



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

March 30, 2018

Marvin Nace

Location: 680 Church Road, Quakertown 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 March 29, 2018. The house is approximately 88 years old and has 2 bedrooms. At the time of the inspection the home was vacant.

Septic System

The septic system consists of a 1000-gallon (+/-), single compartment septic tank with 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 block tank that was at normal operating level. Signs of previous high levels were noted in the tank. The inlet baffle is missing. The outlet baffle is present and in good condition. It is unknown at this time if the washing machine gray water is connected to the septic system as there was no washer on site.

Absorption Area

The absorption area consists of a trench system that filters the effluent into the soil. Trenches are partially filled with aggregate in which a perforated pipe distributes the effluent throughout the length of the trench. Two trenches were located at the time of the inspection. One trench runs out the front left side of the tank and the other trench runs out to the right side down thru the pasture. At the time of the inspection both trenches were saturated and not draining adequately.

Conclusion

We found the on-lot wastewater treatment system to be in unsatisfactory condition on the date it was inspected as the absorption area is saturated and not draining adequately.

It is recommended that a repair evaluation be performed to design and install a new on-lot sewage disposal system.

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.